



McFarlane Aviation Products
FAA-PMA Manufacturer of Quality Aircraft Parts

2015 Catalog



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New! F Atlee Dodge Expanded Product Line

Weld-In Extended Baggage Kit for PA-18 and PA-19 Series - Large volume

Oversize Rudders and Elevators for PA-12 thru PA-19 - 12% larger

For Cessna Aircraft:

Rudder Pedal Bar and Shaft - 1/2 of Cessna price!

Tailpipes - Heavy Duty

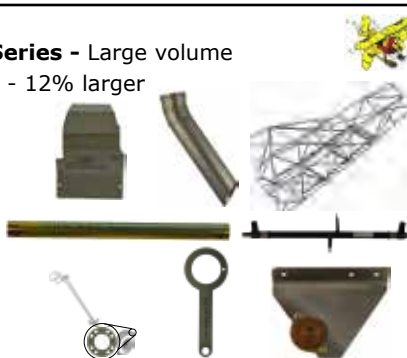
Engine Mount Heat Shield - Stainless steel for longer life

Engine Mount Bonding Strap - 1/3 of Cessna price!

Tailpipe Support Assembly - Heavy Duty

Landing Gear Axle Shim - 1/3 of Cessna price!

Pages 180-184



New! Fuel Filler Neck and Fuel Tank Adapter Gaskets for Cessna Aircraft

Replace dry, brittle gaskets to prevent water contamination in fuel



Page 57

New! Torque Link Lugs and Safety Plate for Cessna Aircraft

Often overlooked part is now affordable!

Page 115



New! Knots 2U Expanded Product Line

Fiberglass replacement parts for Cessna, Cirrus, Piper and Beechcraft aircraft



Pages 140-165

New! CJ Aviation FAA-PMA Fuel Pumps

Better, Stronger, Direct Replacements



Pages 61-62

New! Fuel Strainer Drain Cables for Cessna Aircraft

Improved aluminum knob



Page 47

New! Fuel Primer Seal Kit

Fits most standard primers

Page 45



New! Dual Cowl Flap Controls for Cessna Aircraft

Superior low friction Teflon lined conduit to reduce wear



Page 15

New! Main and Nose Strut Seal Kits for Beechcraft Aircraft



Page 118

New! Fuel Strainer Gasket for Cessna Restart Aircraft

Fuel proof Viton foam!



Page 47

New! Cowl Saver™ Scoring Tool

Customize Your Baffle Seal Flexibility for Optimal Cooling! You control the amount of flexibility!



Page 197

New! Valve Guide Cleaning Reamers for Lycoming Engines

Find out why you need these!



Page 198

New! Pin Punch Set with Replaceable Tips

Stop wasting money on broken punches!



Page 198

New! Adjustable Elevator Neutral Rigging Tool for Cessna Aircraft

Replaces 17 costly tools!



Page 197

New! Complete Product Line from Airforms, Inc.



Oil Cooler Baffle for Cessna 208 Aircraft

Reinforced design for longer life!

Page 194



Tie Down Trim Plate for Cessna 208 Aircraft

Aluminum for longer life!

Page 194



New! Curtis High Quality Fuel Valves with replaceable seals

Low Price!



Pages 50-51

Complete Engine Baffles Kits for Cessna, Piper and Beechcraft Baron Aircraft

Bare aluminum or powder coat finish!

Pages 185-193



Tail Tie Down Handle, Rear for Cessna 208 aircraft

Page 194



Axles for Cessna Aircraft now in Titanium

Reduces weight by 2 lbs!

Page 185



Door Latch for Piper Navajo PA-31 Aircraft

Will not deform after extended use!

Page 185



Nose Gear Torque Link Assemblies for 208 Cessna Aircraft

Page 194



Cabin Heat Vents for Cessna 208 Aircraft

Reinforced for longer life!

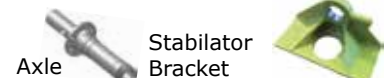
Page 194



High Strength Parts for Helio H-295 Aircraft

Stronger than original welded assemblies!

Page 185





PROP GUARD
Anti-Abrasion
Boots are back!

PROP GUARD™
AEROSPACE

McFarlane now owns the STC and has FAA-PMA approval for this great product that has saved aircraft owners countless dollars in propeller maintenance.

See page 37 to learn more!

Certified Aerospace Material

A great deal on small lengths!



Take a look at the "Metal Bundles" category at:
www.mcfarlaneaviation.com/products/

Cowl Saver™
Baffle Seals
Now with Bi-Flex™



Rolls available individually or in complete kits



Complete kits FAA-PMA approved for Cessna 172R and S models

New Bi-Flex™ Technology!
Precision laser engraved flex pattern ensures optimum flexibility/stiffness combination for maximum cooling and minimum friction.

See pages 35-36 for more details.

	Push-Pull Controls and Accessories Pages 8-31
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F Atlee Dodge Product Line

Carb Heat Box for PA18 Series - Longer Life

For Cessna Aircraft:

Boot Cowl Handle - Larger for bulky gloves!

Boot Cowl Step - Larger for hunting and fishing boots!

Landing Gear Box Shims - For leaf spring landing gear

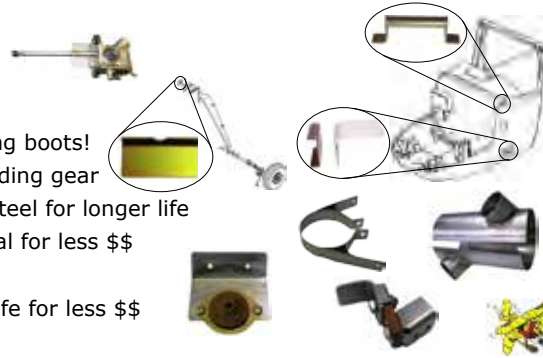
Heavy Duty Muffler Shroud, LH - Stainless steel for longer life

Heavy Duty Tailpipe Clamp - Heavier material for less \$\$

Tailpipe Support Assembly - Heavy Duty

Tailpipe Hangar Assembly - Longer service life for less \$\$

Pages 180-184



Stabilator Cable Kits for Piper Aircraft

McFarlane has complete stock of FAA-PMA stabilator cables for the Piper aircraft affected by AD 2013-02-13.



Pages 89-93

Stene Aviation Product Line

Fiberglass replacement parts for Cessna aircraft



Pages 148-164

Knots 2U Expanded Product Line
Fiberglass replacement parts for Cessna, Piper and Beechcraft aircraft



Pages 148-175

Premium Engine Monitor Probe Packs from Alcor



Page 67

RV Engine Controls



Page 18

Fuel Drain Valve for King Air
10 Year Warranty!



Page 46

Save!!



APS BlackSteel® Brake Discs and Linings

APS BlackSteel® Brake Discs
Improved braking performance

APS Brake Linings
Superior stopping power

Pages 122-132



Cargo/Seat Track and Hardware



Pages 143-144

The SwitchBox
P/N SBC-1000

The easiest, safest and most economical way to remotely control your engine preheater!

- Works great with SAFE-HEET!
- Simple to use with a phone call, text, or free iPhone/Android app

Page 34



Hinge and Bellcrank Bearings for Cessna Aircraft

Hard to find, frequently replaced!
Save \$\$



Page 110

Fuel Injection/ Hydraulic/Oxygen Line Union Cone
Improved Design!

P/N AN800C2-MOD

Page 44



Fuel Strainer Top Assembly for Cessna Aircraft
Direct Replacements!

- Improved corrosion resistance
- Save \$\$

Pages 47-48



Flap Roller Kits for Cessna Caravan and Skymaster
Huge Savings!



Pages 107-108

Buss Fuses
Hard to find
9/32" OD 4AG/
AGS/ABS Series
Glass or ceramic tube



Page 199

Oil Access Door
Now manufactured by McFarlane!

Page 44

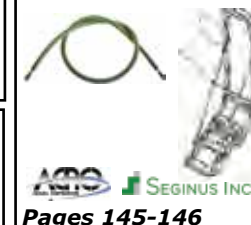


Cabin Entry Step
Now manufactured by McFarlane!

Page 147



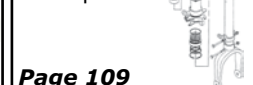
Door Cables



Pages 145-146

Nose Strut Seal Kits for Cessna Aircraft

Improved kits at a lower price!



Page 109

Cabin Environment and Fuel Shut Off Controls for Cessna Aircraft



Page 16

APS Rocker Cover Gaskets

Reusable, silicone!

Page 42



Adel Clamps

Both standard and high temp versions for the engine area.

Page 44



Curtis High Quality Fuel and Oil Quick Drain Valves
Large Selection, Low Price.

Pages 50-53



APS Oil Drain-Back Tubes
Save up to 50%

Page 43



Small Radius 1/8" Tube Bender
Ideal for fuel injection, primer, oil pressure, and oxygen lines!

Page 196



Email Newsletter

Stay up to date with the release of new McFarlane products, promotions, and helpful maintenance tips by subscribing to our email newsletter. An email is sent about once a month, and your email address will not be shared or sold to anyone else. To subscribe call 844-567-5855 or visit our website:

<http://www.mcfarlaneaviation.com/signup.html>.

Carb Heat and Alt Air Controls for Piper Aircraft

- Longer life and save up to \$200.00!
- Special, heavier wire for more fatigue strength and reliability.

Pages 17-18



Cabin Environment Controls for Piper Aircraft

- Improved friction mechanism
- Anti-rotate feature to reduce stress on the inner wire

Page 19

Replacement Knobs!
Pages 20, 30



Flap Trailing Edge Stiffener for Cessna Aircraft

- New streamline shape and improved fit to reduce stress cracks
- Logbook entry only!



Page 96



Dual Cowl Flap Controls

Cessna early 180, 180A,B

- Solid wire ends
- Choose a chrome or black knob

Pages 15

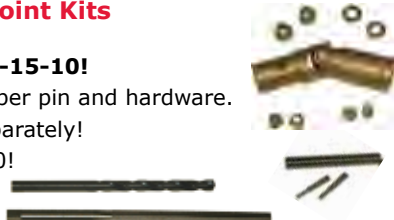


Control Yoke Universal Joint Kits for Piper Aircraft

Helps comply with AD 2010-15-10!

- Kits include u-joint, shaft, taper pin and hardware.
- Individual parts available separately!
- Taper reamer saves you \$100!

Page 98



Flap, Aileron, Rudder and Elevator Skins for Cessna Aircraft

- Precise corrugation spacing and shape
- Direct replacements!

Page 102



F Atlee Dodge Product Line

Many new products!

Make your airplane Alaska Bush Tough

- Parts for Piper and Cessna aircraft
- Improved airframe parts
- Improve safety!
- Improve horsepower!

Pages 180-184



Alternator V-Belt for Piper Aircraft

- High quality
- Direct replacement
- Save \$\$

Page 199



AERO-Classics High Efficiency Oil Coolers

Highest Quality, Best Value

FAA-PMA direct replacement for Stewart Warner oil coolers at a fraction of the cost.

Pages 39-41



Vernier-Assist™ Mixture and Throttle Controls

- Light weight and compact behind the dash
- Safer - no vernier threads to jam!
- Patented drive mechanism
- Totally new type of control only from McFarlane!

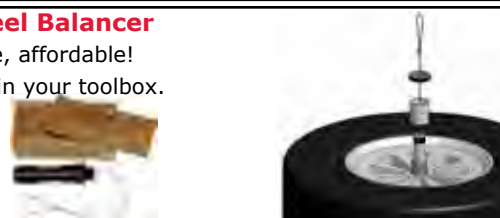
Page 29



Aircraft Wheel Balancer

- Fast, accurate, affordable!
- Portable, fits in your toolbox.

Page 196



U-Joint Taper Pin Removal Tool for Piper Control Yoke

- Makes removal of stuck pins easy.
- Compact to get in tight places

Pages 98



Seat Roller Housing Gauge for Cessna Aircraft

- Save time! Two times faster than calipers
- Measures all three dimensions

Page 141 and 195



Seat Adjust Spring for Piper Aircraft

- Direct replacement
- Save \$\$

Page 142



Rudder and Elevator Hinge Bearing Kits for Cessna Caravan Aircraft

In stock for immediate shipment!

Page 110



Pratt & Whitney PT6 Engine Parts

In stock, no long lead times!

Page 42



New! Brake Bleeder Valves for Cleveland and McCauley Wheels

Improved - No more rust

- FAA-PMA direct replacements
- Convenient kits

Page 133-135

Now approved for many STC conversions!



Nose Gear Torque Link Repair Kits for Piper Aircraft

All commonly replaced torque link parts in convenient kits

Pages 116-117 Kits for Cessna aircraft also available!





About McFarlane

Our Mission:

To anticipate and listen to the needs of the aviation community.

To continuously develop innovative solutions and improved aviation products that provide value.

To produce and offer safe, quality aviation products that instill pride and confidence in the McFarlane brand.

To provide fast delivery, a realistic price, and old-fashioned customer service with customer focused technical support.

To provide a challenging, rewarding, safe, and fun place to work.

To care for our community and environment.

McFarlane Aviation Products is a manufacturer of replacement parts for Cessna, Piper, Grumman, Beechcraft and Ag-Cat airplanes, as well as experimental, homebuilt and LSA aircraft. We have over 2500 different FAA-PMA part numbers on the shelf for immediate shipment. Our facility is conveniently located in the center of the United States near Baldwin City, KS on the Vinland Valley Aerodrome (K64). Our growing corporate office and manufacturing facility includes more than 45,000 square feet of office space, inventory storage and factory floor. Our products are not simply duplicates of their OEM counterparts, but are engineered to be superior in quality and have a longer service life. In addition to quality improvements you also get a lower price. In fact, many McFarlane replacement parts sell for up to 60% less than the equivalent aircraft manufacturer's part.

In addition to producing high quality replacement parts, McFarlane distributes a variety of general aviation products and accessories along with other manufacturer's FAA-PMA products. Custom manufactured products and services are also provided with amazingly quick delivery. No matter what you purchase from McFarlane Aviation Products, you can rest assured that you are getting the highest quality product at the lowest price. McFarlane is a family owned business with old fashioned customer service.

History

The founder, Dave McFarlane, created McFarlane Aviation in 1970. The company provided aircraft repair and restoration part time while Dave concentrated on agricultural aviation activities in Mississippi, Arkansas and Iowa. In 1979 Dave bought the Vinland Valley Aerodrome (K64) and moved the company there, where it is located today. The quaint little country airport is located in Eastern Kansas ten miles southeast of Lawrence, Kansas, the home of The University of Kansas and Haskell Indian Nations University and four miles north of Baldwin City, the home of Baker University. The runway was built in a beautiful valley on the old railroad right-of-way in Vinland, Kansas, a pioneer ghost town. A few old store buildings, two old churches, several houses and the oldest library in Kansas are all that remains of the once thriving frontier settlement. Fred McClenahan joined Dave and his wife Phylis there, and they provided aircraft repair, restoration, rental, flight instruction and agricultural aviation services. Fred plays a key role today in developing and testing the McFarlane product line.

Historic Vinland Kansas



The company prospered and grew and in 1986 it was incorporated as McFarlane Aviation, Inc. As the years went by, it became apparent to Dave and Fred that there was room for improvement in many of the aircraft parts they were installing. In 1989 the company started in a new direction. Improved designs and new materials were developed and tested for the Cessna seat rollers and washers. Aircraft owners accepted them as being far superior to the OEM parts while costing much less. Sales of these first products grew rapidly and customers requested more products. New replacement parts were developed and approved by the FAA while manufacturing equipment, talented people, and quality control systems were added and improved. The manufacturing activity grew rapidly and by 1993 all other operations except for basic airport services were sadly phased out. Since then, the company has focused only on the development, testing, manufacturing, and distribution of quality FAA-PMA products. In 1997 an additional 7,100 square feet of office and manufacturing space was constructed with another 6340 square feet being added between 2003 and 2006. In 2012 the facility was doubled in size by adding another 24,000 square feet of production and warehouse space. Today McFarlane holds design approval and FAA-PMA for over 2100 different replacement parts for several different makes of aircraft. McFarlane distributors are serving major aviation centers around the world.

The experience of the past and constant input from knowledgeable customers have given McFarlane engineers vast knowledge of aircraft service demands that are the foundation of improved products. The pioneering spirit lives on in Vinland, Kansas and McFarlane Aviation Products will continue to develop innovative solutions for aircraft service problems.

A Letter from the President

While I reflect on the once future years that have now become the present and past, I am reminded of the many contributions that have been made to this company by our employees and the aviation community. I would like to express my sincere appreciation to all of the aircraft owners, commercial operators, repair facilities, FBOs and parts distributors that have supported us over the years. Thank you! You are the reason we can continue to develop improved aircraft parts. Our common goal of reasonably priced replacement parts that work better, safer and last longer is shared by all of us. Without your support we could not survive the tedious and expensive process of product development, testing and FAA certification. Many of you have shared with us your knowledge and insight for new products and improvements that comes from your years of experience in repairing and operating aircraft. Your help has not been forgotten. I would also like to thank the FAA personnel that have worked with us. Many of them have gone the extra mile in supporting our goals. With the help of all of you, McFarlane Aviation Products has become a leader in light aircraft replacement parts innovation. I hope we can repay you by providing you with products and service that meet your expectations. I have not forgotten that this company is also your creation.

Best Regards,
Dave McFarlane
President

What are FAA-PMA Parts?

FAA-PMA stands for Federal Aviation Administration Parts Manufacturer Approval. Federal Aviation Regulations (FAR) Part 21.303(a) requires any person producing modification or replacement parts for sale for installation on a type-certificated aircraft to obtain a PMA. The FAA strictly regulates all PMA holders by initially approving all design data, approving all design changes, and auditing production facilities and quality control systems.

As a result, the parts produced by a PMA holder meet rigorous quality standards just like the replacement parts from the original aircraft manufacturer. At McFarlane Aviation Products, we take great pride in meeting and exceeding the high quality and sound design standards set by the FAA, so that you, our customer can rest assured that the parts you buy are second to none.

Why Buy FAA-PMA Parts from McFarlane?

At McFarlane Aviation Products, 100% of our effort is focused on replacement parts, not building airplanes. This focus allows McFarlane to produce higher quality parts with many enhancements, all at a lower price than the factory. Each new product we develop is analyzed by looking at decades of service history and maintenance problems. We consider improvements that could not be foreseen when the parts were originally designed. Many times new manufacturing technology or high-tech materials that were not available when the parts were first designed allow us to improve products while at the same time reduce the cost. This translates into a better product for less money.

Terms and Conditions

Terms and conditions are subject to change without notice. For a complete copy of the terms and conditions please visit our web site www.mcfarlaneaviation.com and click the link at the bottom of the page.

Updated Website Coming Soon - Many Customer Requested Enhancements

www.mcfarlaneaviation.com

Updated look, more product photos, more shipping options, and many other improvements!



- 1 Improved, faster search
- 2 Checkout with or without a login
- 3 Account management
 - update addresses and credit cards
 - change password and email address
 - view invoice history
- 4 Improved search by aircraft
 - option to search by aircraft series
 - save your aircraft make, series, model and S/N between visits
 - refined results differentiate between parts specifically for your aircraft and those that fit a broad range of aircraft (e.g., standard hardware)





Solid Metal Construction

Our fittings and components are made from anodized aluminum, stainless steel, and brass. All critical swage connections are metal for continued dependability. Our vernier locking devices are precision formed and heat treated in critical wear areas. Precise surface finishes provide a smooth consistent feel and long service life.

A Superior Conduit System

The McFarlane conduit is made from plated carbon steel wire that has been formed to a "D" shape for increased strength and to give a smooth inside diameter. A virgin Teflon® liner has been inserted into the center of the coil for low friction and high temperature operation. Two different configurations are used to provide good tensile strength. The coil is either over-braided with stainless steel wire, or a double-wound coil is used. Both configurations provide a solid feel under heavy push loads without sacrificing routing flexibility. Finally, a Teflon jacket is extruded over the coil or stainless steel braid for abrasion resistance. Cheap controls with poly liners will not tolerate engine temperatures.

Knobs Make a Difference

Our "pilot friendly" knobs are all compression molded from a cellulose reinforced copolymer melamine-phenol resin. They are hard and stable. Unlike the soft injection molded knobs, they resist scratching and do not deteriorate with age. The McFarlane knobs meet the latest FAR requirements for shape and color.



Vibration Dampening Features

The McFarlane metal swivel joints have a unique Viton® rubber vibration dampening sleeve with a spring load system that dampens engine induced vibration in the push rod guide tube and metal swivel joint. Molded Viton boots are also used on the push rod guides to seal out contaminants. The Viton rubber withstands the high temperature of the engine environment while resisting degradation from oil and solvents. This system drastically reduces the vibration fretting and wear that leads to premature control failure.

Special Lubrication

During assembly the McFarlane controls have a special lifetime lubrication applied to critical sliding surfaces. This molybdenum disulfide and Teflon based lubricant with a synthetic grease base has been specially formulated to reduce friction. It also prevents galling and contamination locking of the control components from -70° F to over 1000° F. This lubricant is available only in new McFarlane controls.

Consistent Quality

The production of McFarlane controls is interrupted many times for inspections during assembly. All of our assembly and critical inspections are performed 100%. Attention is given to every detail at McFarlane. For instance, we verify the torque required to rotate our vernier mechanism on every vernier control sold.

Tough in any Environment

The McFarlane controls have had an outstanding performance and reliability record in all environments. We have tested our controls in the harshest environments to insure that they will provide long reliable service in the most demanding installations. They work freely at -50°F and have been proven in harsh saltwater environments. Even temperatures approaching the melting point of the steel components can not stop the McFarlane controls from functioning.

- Solid metal construction
- Pilot friendly knobs
- Lifetime lubrication
- Superior low friction conduit
- Custom controls available

Time Tested

McFarlane manufactures the best aircraft engine controls. With 20 years of reliable service and thousands of units in airplanes flying on every continent (yes, even Antarctica), McFarlane controls have a proven track record and set the standard for premium controls.

Recommended Service Life

Due to the criticalness of engine controls and considering their operating environment, the maximum recommended in service time for McFarlane engine controls is equal to the maximum time between engine overhauls as recommended by the engine manufacturer. This recommended service time is in alignment with most aircraft manufacturers' recommendation.

Custom Controls

Custom engine controls can be manufactured for aircraft not listed in our catalog or on our web site. All McFarlane custom controls are built to customer provided specifications using dimensioned drawings or pattern controls. Custom control design forms are available, or you can send us a pattern. McFarlane custom engine controls duplicate the original customer supplied controls in regard to length, thread size, wear sleeve locations, and travel length. McFarlane custom controls are manufactured to the same standards using the same materials, rigorous testing and inspections as our FAA-PMA products; however, custom controls are not FAA-PMA approved. We cannot provide FAA-PMA approval for custom controls. The user must obtain the proper FAA approvals to use our custom controls. Normally completed within a few days. Affordable pricing.



Push-Pull Controls and Accessories

Engine, Cowl Flap & Carb Heat Controls - Cessna



Throttle, Mixture and Propeller Controls

- Solid metal construction
- Pilot friendly knobs
- Lifetime lubrication
- Superior low friction conduit



Carb Heat Controls

Longer life and up to 40% off OEM list price!

- High temperature Teflon lined conduit for reduced vibration wear, longer life and smooth, consistent control
- Cheap controls with poly liners will not tolerate engine temperatures
- Special heavier wire for more fatigue strength and reliability
- Improved friction mechanism
- High quality scratch resistant phenolic knob
- Updated square knob meets the latest FAA standards

The most often replaced Cessna part just got better and now costs less!

McFarlane rod ends and wire clamps sold separately!

		 Throttle Control Rod End	 Propeller Control Rod End	 Mixture Control Rod End or Wire Clamp	 Cowl Flap Left Hand	 Cowl Flap Right Hand	 Carb Heat Control Wire Clamp
Model	Serial Number						
120	8003 thru 15075	MC0411091-7 MCS1104-3 2 Rod End		MC600-72 4 Wire Clamp N/A			Control N/A MCS2323-1 Wire Clamp
140 1	8001 thru 11846	MC0411091-7 MCS1104-3 2 Rod End		MC600-72 4 Wire Clamp N/A			Control N/A MCS2323-1 Wire Clamp
140 1, 140A	11847 thru 15724	MC0411091-7 MCS1104-3 2 Rod End		MC600-72 4 Wire Clamp N/A			MC0411090-4CH 3 MCS2323-1 Wire Clamp
150 1	17001 thru 17683	MC0411091-7 MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			Control N/A MCS2323-1 Wire Clamp
150 1	17684 thru 59018	MC0411091-7 MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MC0713302-5CH 3 MCS2323-1 Wire Clamp
150A,B,C,D,E,F	All	MCS1222-11S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-2 MCS2323-1 Wire Clamp
150G	All	MCS1222-14S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-2 MCS2323-1 Wire Clamp
150H,J,K,L	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
150M	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-12 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
A150K,L	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
A150M	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-12 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
F150F	All	MCS1222-11S MCS1104-3 Rod End		Control N/A MCS2323-6 Wire Clamp			MCS1230-2 MCS2323-1 Wire Clamp
F150G	All	MCS1222-14S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-2 MCS2323-1 Wire Clamp
F150H,J,K,L	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
F150M	All	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-12 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
FA150K,L 1	FA1500001 thru FA1500120	MCC299505-0202S MCS1104-3 Rod End		MC600-72 4 MCS2323-6 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
FA150L 1	FA1500121 thru FA1500261	MCC299505-0202S MCS1104-3 Rod End		Control N/A MCS2323-6 Wire Clamp			Control N/A MCS2323-1 Wire Clamp
FA150M	FA1500262 thru FA1500336	MCC299505-0202S MCS1104-3 Rod End		Control N/A MCS2323-12 Wire Clamp			Control N/A MCS2323-1 Wire Clamp
FRA150L,M 1	FRA1500121 thru FRA1500311	MCC299505-0202S MCS1104-3 Rod End		Control N/A MCS2323-12 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
FRA150M 1	FRA1500312 thru FRA1500336	Control N/A MCS1104-3 Rod End		Control N/A MCS2323-12 Wire Clamp			MCS1230-19 MCS2323-1 Wire Clamp
152 1	15279406 thru 15282031	MC9863053-20 MCS1104-3 Rod End		MC600-72 4 MCS2323-13 Wire Clamp			MCS1230-19 MCS2323-5 Wire Clamp

1 Partial model eligibility. 2 If replacing P/N S1186-1 or P/N 0550158 also order RE-KT-1 hardware kit.

3 Eligible for use as a carburetor heat control only.

4 Part number MC600-72 is a vernier control. Installation is approved as a minor alteration (No STC or Form 337) and may require enlarging the instrument panel mounting hole to 3/4" diameter.

Eligibility continued on next page.

Push-Pull Controls and Accessories

Engine, Cowl Flap & Carb Heat Controls - Cessna

		 Throttle Control	 Propeller Control	 Mixture Control	 Cowl Flap Left Hand	 Cowl Flap Right Hand	 Carb Heat Control
Model	Serial Number	Rod End	Rod End	Rod End or Wire Clamp			Wire Clamp
152 ¹	15282032 thru 15285939	MC9863056-1		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
152 ¹	15285940 thru 15286033	MC9863056-1		MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
A152 ¹	A1520735 thru A1520808	MC9863053-20		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
A152 ¹	A1520809 thru A1521049	MC9863056-1		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
F152 ¹	F15201429 thru F15201528	MC9863053-20		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
F152 ¹	F15201529 thru F15201952	MC9863056-1		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
F152 ¹	F15201953 thru F15201980	MC9863056-1		MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
FA152 ¹	FA1520337 thru FA1520347	MC9863053-20		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
FA152 ¹	FA1520348 thru FA1520387	MC9863056-1		MC600-72 ⁴			MCS1230-19
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
FA152 ¹	FA1520388 thru FA1520425	MC9863056-1		MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
170	All	MC0411091-2		MC600-72 ⁴			MC0411090-4CH ³
		Rod End N/A		MCS2323-2 Wire Clamp			MCS2323-1 Wire Clamp
170A	All	MC0411091-2		MC600-72 ⁴			MC0411090-4CH ³
		MCS1104-3 ² Rod End		MCS2323-2 Wire Clamp			MCS2323-1 Wire Clamp
170B ¹	20267 thru 25372	MC0411091-2		MC600-72 ⁴			MC0411090-4CH ³
		MCS1104-3 ² Rod End		Wire Clamp N/A			MCS2323-1 Wire Clamp
170B ¹	25373 thru 27169	MCS1222-2S ⁵		MC600-72 ⁴			MC0411090-22CH ³
		MCS1104-3 ² Rod End		Wire Clamp N/A			MCS2323-1 Wire Clamp
172 ¹	28000 thru 36965	MCS1222-2S		MC600-72 ⁴			MC0411090-22CH ³
		MCS1104-3 ² Rod End		MCS2323-2 Wire Clamp			MCS2323-1 Wire Clamp
172 ¹	36966 thru 46754	MCS1222-2S		MC600-72 ⁴			MC0713302-5CH ³
		MCS1104-3 ² Rod End		MCS2323-2 Wire Clamp			MCS2323-1 Wire Clamp
172A	All	MCS1222-2S		MC600-72 ⁴			MC0713302-5CH ³
		MCS1104-3 ² Rod End		MCS2323-2 Wire Clamp			MCS2323-1 Wire Clamp
172B,C	All	MCS1222-2S		MC600-72 ⁴			MCS1224-4
		MCS1104-3 ² Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
172D	All	MCS1222-2S		MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
172E,F	All	MCS1222-15S		MC600-72 ⁴			MCS1224-4
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
172G,H	All	MCS1222-15S		MC600-72 ⁴			MCS1230-7
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
172I,K,L,M ¹	17256513 thru 17263458	MCC299505-0102		MC600-72 ⁴			MCS1230-17
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
172M ¹	17263459 thru 17267584	MCC299505-0102		MC600-72 ⁴			MCS1230-17
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
172N ¹	17267585 thru 17271034	MC9863053-15		MC600-72 ⁴			MCS1230-17
		MCS1104-3 Rod End		MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
172N ¹	17271035 thru 17274009	MC9863056-3		MC600-72 ⁴			MCS1230-17
		MCS1104-3 Rod End		MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
172P	17274010 thru 17276654	MC9863056-3		MC600-72 ⁴			MCS1230-17
		MCS1104-3 Rod End		MCS2323-13 Wire Clamp			MCS2323-5 Wire Clamp
172Q	All	MC9863056-3		MC600-72 ⁴			MCS1241-49
		MCS1104-3 Rod End		MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
172R,S	All	MC565-549-021		MC565-548-041			
		MCS1104-3 Rod End		MCS1104-3 Rod End			
172RG	All	MC9863056-8	MC345-085-9	MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS2323-11 Wire Clamp			MCS2323-7 Wire Clamp
F172D	All	MCS1222-2S		MC600-72 ⁴			Control N/A
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
F172E,F	All	MCS1222-15S		MC600-72 ⁴			MCS1224-4
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp
F172G,H ¹	F172-0180 thru F172-0559	MCS1222-15S		MC600-72 ⁴			MCS1230-7
		MCS1104-3 Rod End		MCS2323-2 Wire Clamp			MCS2323-5 Wire Clamp

¹ Partial model eligibility.

² If replacing P/N S1186-1 or P/N 0550158 also order RE-KT-1 hardware kit.

³ Eligible for use as a carburetor heat control only.

⁴ Part number MC600-72 is a vernier control. Installation is approved as a minor alteration (No STC or Form 337) and may require enlarging the instrument panel mounting hole to 3/4" diameter.

⁵ The original Cessna adapter P/N 0513004-16 must be used to angle the control and avoid interference behind the instrument panel.

Eligibility continued on next page.

Push-Pull Controls and Accessories

Engine, Cowl Flap & Carb Heat Controls - Cessna



Model	Serial Number						
		Throttle Control Rod End	Propeller Control Rod End	Mixture Control Rod End or Wire Clamp	Cowl Flap Left Hand	Cowl Flap Right Hand	Carb Heat Control Wire Clamp
F172H,K	F172-0560 thru F17200804	MCC299505-0203S MCS1104-3 Rod End		MC600-72 5 MCS2323-2 Wire Clamp			MCS1230-7 MCS2323-5 Wire Clamp
F172L,M	F17200805 thru F17201034	MCC299505-0203S MCS1104-3 Rod End		MC600-72 5 MCS2323-2 Wire Clamp			MCS1230-7 Wire Clamp N/A
F172M	F17201035 thru F17201234	MCC299505-0102 MCS1104-3 Rod End		MC600-72 5 MCS2323-2 Wire Clamp			
F172M	F17201235 thru F17201514	MCC299505-0102 MCS1104-3 Rod End		MC600-72 5 MCS2323-13 Wire Clamp			MCS1230-7 MCS2323-5 Wire Clamp
F172N	F17201515 thru F17201749	MC9863053-15 MCS1104-3 Rod End		MC600-72 5 MCS2323-4 Wire Clamp			MCS1230-7 MCS2323-5 Wire Clamp
F172N	F17201750 thru F17202039	MC9863056-3 MCS1104-3 Rod End		MC600-72 5 MCS2323-4 Wire Clamp			MCS1230-7 MCS2323-5 Wire Clamp
F172P	F17202040 thru F17202254	MC9863056-3 MCS1104-3 Rod End		MC600-72 5 MCS2323-13 Wire Clamp			MCS1230-7 MCS2323-5 Wire Clamp
FP172	All	MCS1222-4 MCS1106-4 Rod End	MCC299506-0105 MCS1104-3 Rod End	Control N/A MCS2323-4 Wire Clamp			Control N/A MCS2323-5 Wire Clamp
FR172E	All	Control N/A MCS1104-3 Rod End	MCS1223-17 MCS1104-3 Rod End	Control N/A MCS1104-3 Rod End			
FR172F,G,H,J	FR17200061 thru FR17200530	MCC299505-0204S MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	Control N/A MCS1104-3 Rod End			
FR172J	FR17200531 thru FR17200590	MCC299505-0204S MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	MC9862066-6 MCS1104-3 Rod End			
FR172K	FR17200591 thru FR17200630	MC9863053-10 MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	MC9862066-6 MCS1104-3 Rod End	MCS1391-26 (one per aircraft)		
FR172K	FR17200631 thru FR17200675	MC9863055-10 MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	MC9862066-6 MCS1104-3 Rod End	MCS1391-26 (one per aircraft)		
P172D	All	MCS1222-4 MCS1106-4 Rod End	MCC299506-0105 MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MCS1224-4 MCS2323-5 Wire Clamp
R172K	R1722000 thru R1722929	MC9863053-10 MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	MC9862066-6 MCS1104-3 Rod End	MCS1391-26 (one per aircraft)		
R172K	R1722930 thru R1723454	MC9863055-10 MCS1104-3 Rod End	MCC299506B0104 MCS1104-3 Rod End	MC9862066-6 MCS1104-3 Rod End	MCS1391-26 (one per aircraft)		
175	55001 thru 55703	MC0411091-27 MCS1106-4 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MC0411090-22CH 3 MCS2323-5 Wire Clamp
175	55704 thru 56238	MC0411091-30 MCS1106-4 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MC0713302-5CH 3 MCS2323-5 Wire Clamp
175A	All	MCS1222-4 MCS1106-4 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MC0713302-5CH 3 MCS2323-5 Wire Clamp
175B,C	All	MCS1222-4 MCS1106-4 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MCS1224-4 MCS2323-5 Wire Clamp
177	All	MCS1222-19 MCS1104-3 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-2 Wire Clamp			MCS1788-2 Wire Clamp N/A
177A	All	MCC299505-0301 MCS1104-3 Rod End	Control N/A MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp			MCS1230-19 MCS2323-5 Wire Clamp
177B	17701371 thru 17702539	MCC299505-0301 MCS1104-3 Rod End	MCC299506-0105 MCS1104-3 Rod End	MC600-72 5 MCS2323-4 Wire Clamp	MCS1391-25	MCS1391-26	MCS1230-19 MCS2323-5 Wire Clamp
177B	17702540 thru 17702752	MC565-549-013 MCS1104-3 Rod End	MC345-085-4 MCS1104-3 Rod End	MC600-72 5 Wire Clamp N/A	MCS1391-25	MCS1391-26	MCS1230-19 MCS2323-5 Wire Clamp
177RG	177RG0001 thru 177RG1051	MCC299505-0401 MCS1104-3 Rod End	MCC299506-0105 MCS1104-3 Rod End	MCC299507-0102 MCS1104-3 Rod End	MCS1391-27	MCS1391-27	
177RG	177RG1052 thru 177RG1366	Control N/A MCS1104-3 Rod End	MC345-085-4 MCS1104-3 Rod End	Control N/A MCS1104-3 Rod End	MCS1391-27	MCS1391-27	
F177RG	F177RG0001 thru F177RG0160	MCC299505-0401 MCS1104-3 Rod End	MCC299506-0105 MCS1104-3 Rod End	MCC299507-0102 MCS1104-3 Rod End			
F177RG	F177RG0161 thru F177RG0177		MC345-085-4 Rod End N/A				

1 Partial model eligibility.

2 If replacing P/N S1186-1 or P/N 0550158 also order RE-KT-1 hardware kit.

3 Eligible for use as a carburetor heat control only.

4 S/Ns FR17200591 thru FR17200620 and R1722000 thru R1722880 prop control is only eligible for installation if aircraft has been modified as per Cessna Service Letter 78-51.

5 Part number MC600-72 is a vernier control. Installation is approved as a minor alteration (No STC or Form 337) and may require enlarging the instrument panel mounting hole to 3/4" diameter.

Eligibility continued on next page.

MC600 Series Solid Wire Vernier Mixture Controls

Precise vernier control for less money!

- FAA-PMA approved for many Cessna, Piper, Beechcraft, Mooney, Maule & Stinson aircraft.
- Teflon lined conduit for smooth, consistent operation



Push-Pull Controls and Accessories

Engine, Cowl Flap & Carb Heat Controls - Cessna

							
Model	Serial Number	Rod End	Rod End	Rod End or Wire Clamp			Wire Clamp
180I	30000 thru 32150	MCS1222-1S	MCS1223-4	MC600-72 5	MC0713041-1 or MC0713041-1B 6 (Dual control, one per aircraft)		MC0411090-22CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180I	32151 thru 32160	MCS1222-1S	MCS1223-4	MC600-72 5	MC0713041-1 or MC0713041-1B 6 (Dual control, one per aircraft)		Control N/A
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180I, 180A	32161 thru 50355	MCS1222-1S	MCS1223-4	MC600-72 5	MC0713041-1 or MC0713041-1B 6 (Dual control, one per aircraft)		MC0713050-2
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180B	50356 thru 50661	MCS1222-1S	MCS1223-4	MC0713050-2 4 5	MC0713041-1 or MC0713041-1B 6 (Dual control, one per aircraft)		MC0713050-2
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180C	All	MCS1222-1S	MCS1223-4	MC0713050-2 4 5	MC071306-1 (Dual control, one per aircraft)		MC0713302-5CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180D,E	All	MCS1222-1S	MCS1223-4	MC600-72 5	MCS1245-1	MCS1245-2	MC0713302-5CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180F	All	MCS1222-1S	MCS1223-4	MC600-72 5	MCS1245-1	MCS1245-2	MCS1230-2
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180G	All	MCS1222-1S	MCS1223-4	MC600-72 5	MCS1245-3	MCS1245-2	MCS1230-2
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180H 1	18051446 thru 18051875	MCS1222-13S	MCS1223-5	MC600-72 5	MCS1572-1	MCS1245-2	MCS1230-2
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180H 1, J	18051876 thru 18052770	MCC299505-0201S	MCC299506-0103	MC600-72 5	MCS1572-1	MCS1245-2	MCS1230-19
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180K 1	18052771 thru 18053000	MC9863053-5	MC345-085-3	Control N/A	MC9860074-3	MC9860074-4	MCS1230-19
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
180K 1	18053001 thru 18053203	MC9863055-9	MC345-085-3	Control N/A	MC9860074-3	MC9860074-4	MCS1230-19
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182	All	MCS1222-1S	MCS1223-4	MC600-72 5			Control N/A
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182A	All	MCS1222-1S	MCS1223-4	MC600-72 5			MC0411090-22CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182B,C	All	MCS1222-1S	MCS1223-4	MC0713050-2 4 5	MC0713306-1 (Dual control, one per aircraft)		MC0713302-5CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182D	All	MCS1222-1S	MCS1223-4	MC600-72 5	MCS1245-1	MCS1245-2	MC0713302-5CH 3
		MCS1106-4 Rod End	MCS1104-3 2 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182E,F,G	All	MCS1222-6S	MCS1223-3	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-3
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182H,J,K	All	MCS1222-13S	MCS1223-6	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-3
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182L,M,N 1	18258506 thru 18260445	MCC299505-0201S	MCC299506-0102	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182N 1, P 1	18260446 thru 18261425	MCC299505-0201S	MCC299506-0102	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182P 1	18261426 thru 18264835	MCC299505-0205	MCC299506-0102	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182P 1	18264836 thru 18265175	MC9863053-5	MCC299506-0102	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182Q 1	18265176 thru 18266590	MC9863053-5	MC9862067-3	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182Q 1	18266591 thru 18267715	MC9863055-9	MC9862067-3	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182R	All	MC9863055-9	MC9862067-3	MC600-72 5	MC9860058-3	MC9860058-4	MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
182S, 182T, T182T	All	MC565-549-031	MC565-580-038	MC565-548-042	MC580-703-024	MC580-703-025	
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End			
A182J,K,L,N		Control N/A	Control N/A	Control N/A			
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
F182P	All	MC9863053-5	MCC299506-0102	MC600-72 5			MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
F182Q 1	F18200026 thru F18200094	MC9863053-5	MC9862067-3	MC600-72 5			MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
F182Q 1	F18200095 thru F18200169	MC9863055-9	MC9862067-3	MC600-72 5			MCS1230-10
		MCS1106-4 Rod End	MCS1104-3 Rod End	MCS2323-4 Wire Clamp			MCS2323-5 Wire Clamp
FR182 1	FR18200001 thru FR18200020	MC9863053-11	MC345-085-5	Control N/A			MCS1230-10
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS2323-11 Wire Clamp			MCS2323-1 Wire Clamp
FR182 1	FR18200021 thru FR18200045	MC9863056-6	MC345-085-5	Control N/A			MCS1230-10
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS2323-11 Wire Clamp			MCS2323-1 Wire Clamp

1 Partial model eligibility.

2 Eligible for use as a carburetor heat control only.

3 Part number MC600-72 is a vernier control. Installation is approved as a minor alteration (No STC or Form 337) and may require enlarging the instrument panel mounting hole to 3/4" diameter.

4 If replacing P/N S1186-1 or P/N 0550158 also order RE-KT-1 hardware kit.

5 The MC600-72 control is an approved alternate control for this aircraft. See note 5.

6 See page 15 for details.

Eligibility continued on next page.

Push-Pull Controls and Accessories

Engine, Cowl Flap & Carb Heat Controls - Cessna



Model	Serial Number	 Throttle Control	 Propeller Control	 Mixture Control	 Cowl Flap Left Hand	 Cowl Flap Right Hand	 Carb Heat Control
		 Rod End	 Rod End	 Rod End or Wire Clamp			 Wire Clamp
FR182 ¹	FR18200046 thru FR18200070	MC9863056-6 MCS1104-3 Rod End	MC345-085-8 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp			MCS1230-10 MCS2323-1 Wire Clamp
R182 ¹	R18200001 thru R18200583	MC9863053-11 MCS1104-3 Rod End	MC345-085-5 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	MCS1230-10 MCS2323-1 Wire Clamp
R182 ¹	R18200584 thru R18201313	MC9863056-6 MCS1104-3 Rod End	MC345-085-5 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	MCS1230-10 MCS2323-1 Wire Clamp
R182 ¹	R18201314 thru R18202041	MC9863056-6 MCS1104-3 Rod End	MC345-085-8 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	MCS1230-10 MCS2323-1 Wire Clamp
T182	All	MC9863056-7 Rod End N/A	MC345-085-8 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	Control N/A MCS2323-3 Wire Clamp
TR182 ¹	R18200584 thru R18201313	MC9863056-7 MCS1104-3 Rod End	MC345-085-6 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	Control N/A MCS2323-3 Wire Clamp
TR182 ¹	R18201314 thru R18202041	MC9863056-7 MCS1104-3 Rod End	MC345-085-8 MCS1104-3 Rod End	Control N/A MCS2323-11 Wire Clamp	MC9860075-3	MC9860075-4	Control N/A MCS2323-3 Wire Clamp
185	All	MC1213228-3 MCS1104-3 Rod End	MCS1223-5 MCS1104-3 Rod End	MC1213229-2 MCS1104-3 Rod End	MCS1245-3	MCS1245-2	MCS1230-2 Wire Clamp N/A
185A,B,C,D,E	All	MCS1294-1 MCS1104-3 Rod End	MCS1223-5 MCS1104-3 Rod End	MCS1220-4 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	MCS1230-2 Wire Clamp N/A
A185E ¹	185-0968 thru 185-1300	MCS1294-1 MCS1104-3 Rod End	MCS1223-5 MCS1104-3 Rod End	MCS1220-4 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	MCS1230-2 Wire Clamp N/A
A185E ¹	185-1301 thru 18502007	MCC299505-0301 MCS1104-3 Rod End	MCC299506-0103 MCS1104-3 Rod End	MCC299507-0201 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185E ¹	18502008 thru 18502025	MCC299505-0501 MCS1104-3 Rod End	MCC299506-0201 MCS1104-3 Rod End	MCC299507-0401 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185E ¹	18502026 thru 18502027	MCC299505-0301 MCS1104-3 Rod End	MCC299506-0103 MCS1104-3 Rod End	MCC299507-0201 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185E ¹	18502028 thru 18502090	MCC299505-0501 MCS1104-3 Rod End	MCC299506-0201 MCS1104-3 Rod End	MCC299507-0401 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185F ¹	18502091 thru 18502310	MCC299505-0501 MCS1104-3 Rod End	MCC299506-0201 MCS1104-3 Rod End	MCC299507-0401 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185F ¹	18502311 thru 18503153	MCC299505-0501 MCS1106-3 Rod End	MCC299506-0201 MCS1104-3 Rod End	MCC299507-0401 MCS1104-3 Rod End	MCS1572-1	MCS1245-2	
A185F ¹	18503154 thru 18503683	MC9863053-17 MCS1104-3 Rod End	MC345-085-7 MCS1104-3 Rod End	MC9862066-3 MCS1104-3 Rod End	MC9860074-3	MC9860074-4	
A185F ¹	18503684 thru 18504448	MC9863056-5 MCS1106-3 Rod End	MC345-085-7 MCS1104-3 Rod End	MC9862066-3 MCS1104-3 Rod End	MC9860074-3	MC9860074-4	
188,188A	All	MCS1391-18 MCS1104-3 Rod End	MCS1391-19 MCS1104-3 Rod End	MCS1220-13 MCS1104-3 Rod End			Control N/A MCS2323-5 Wire Clamp
188B,A-188B ² A-188B ³	All	MCS2149-1 MCS1106-3 Rod End	MCS2149-2 MCS1106-3 Rod End	MCC299507-0301 MCS1106-3 Rod End			Control N/A MCS2323-5 Wire Clamp
A188 ³ A188A ³	All	MCS1391-20 MCS1104-3 Rod End	MCS1391-19 MCS1104-3 Rod End	MCS1220-13 MCS1104-3 Rod End			Control N/A MCS2323-5 Wire Clamp
A188B ^{1,3}	18802349 thru 18802745 18802349T thru 18802745T	MCS2149-1 MCS1106-3 Rod End	MCS2149-2 MCS1106-3 Rod End	MCC299507-0301 MCS1106-3 Rod End			Control N/A MCS2323-5 Wire Clamp
A188B ^{1,3}	18802746 thru 18803973 18802746T thru 18803973T	MCC299508-0301 MCS1106-3 Rod End	MCC299508-0302 MCS1106-3 Rod End	MCC299508-0401 MCS1106-3 Rod End			Control N/A MCS2323-5 Wire Clamp
T188C	All	MCC299508-0303 MCS1106-3 Rod End	MCC299508-0304 MCS1106-3 Rod End	MCC299508-0402 MCS1106-3 Rod End			
190	All	MC0411091-4 MCS1106-3 ² Rod End	MC0311031-1 MCS1104-3 ² Rod End	Control N/A MCS1104-3 ² Rod End			
195,195A,B	All	MC0411091-4 MCS1106-3 ² Rod End	MC0311031-2 MCS1104-3 ² Rod End	Control N/A MCS1104-3 ² Rod End			
210-5 (205) 210-5A (205A)	All	MCS1219-1 MCS1104-3 Rod End	MCS1223-17 MCS1104-3 Rod End	MCS1220-3 MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
206	All	MCS1219-1 MCS1104-3 Rod End	MCS1223-17 MCS1104-3 Rod End	MCS1220-3 MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
206H	All	MC565-549-041 MCS1104-3 Rod End	MC565-580-012 MCS1104-3 Rod End	MC565-548-043 MCS1104-3 Rod End	MC580-703-026	MC580-703-027	
P206,P206A,B	All	MCS1222-10A MCS1104-3 Rod End	MCS1223-4 MCS1104-3 Rod End	MCS1220-3 MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
P206C,D,E	All	MCC299505-0101 MCS1104-3 Rod End	MCC299506-0101 MCS1104-3 Rod End	MCC299507-0101 MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
T206H	All	MC565-549-041 MCS1104-3 Rod End	MC565-580-012 MCS1104-3 Rod End	MC565-548-043 MCS1104-3 Rod End	MC580-703-026	MC580-703-027	
TP206A ¹	P2060161 thru P2060274	MCS1222-10A MCS1104-3 Rod End	MCS1223-4 MCS1104-3 Rod End	MCS1220-3 MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
TP206A ¹ , B	P2060275 thru P2060419	MCS1222-10A MCS1104-3 Rod End	MCS1223-4 MCS1104-3 Rod End	MCS1220-3 MCS1104-3 Rod End	MCS1244-32	MCS1244-31	

¹ Partial model eligibility. ² If replacing P/N S1186-1 or P/N 0550158 also order RE-KT-1 hardware kit.
³ Controls not eligible for A188, A188A, or A188B with Continental O-470 engine.

Push-Pull Controls and Accessories Engine, Cowl Flap & Carb Heat Controls - Cessna

Model	Serial Number	Throttle Control	Propeller Control	Mixture Control	Cowl Flap Left Hand	Cowl Flap Right Hand	Carb Heat Control
		Rod End	Rod End	Rod End or Wire Clamp			Wire Clamp
TP206C,D,E	All	MCC299505-0101	MCC299506-0101	MCC299507-0101	MCS1244-32	MCS1244-31	
TU206A	U2060438 thru U2060617	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End			
		MCS1222-10A	MCS1223-4	MCS1220-3			
TU206A, B	U2060618 thru U206-0914	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCS1222-10A	MCS1223-4	MCS1220-3			
TU206C,D,E,F	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
TU206G	U20603522 thru U20604649	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863053-13	MC9862067-1	MC9862066-1			
TU206G	U20604650 thru U20607020	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863056-2	MC9862067-1	MC9862066-1			
U206,U206A,B	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCS1222-10A	MCS1223-4	MCS1220-3			
U206C,D,E	All	MCC299505-0101	MCC299506-0101	MCC299507-0101	MCS1244-5	MCS1244-31	
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End			
U206F	U20601701 thru U20602199	MCC299505-0101	MCC299506-0101	MCC299507-0101	MCS1244-5	MCS1244-31	
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End			
U206F	U20602200 thru U20603521	MCC299505-0101	MCC299506-0101	MCC299507-0101	MCS1244-32	MCS1244-31	
		MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End			
U206G	U20603522 thru U20604649	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863053-13	MC9862067-1	MC9862066-1			
U206G	U20604650 thru U20607020	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863056-2	MC9862067-1	MC9862066-1			
207,T207	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-29	MCS1244-30	
		MCS1222-25A	MCS1223-16	MCS1220-12A			
207A	20700363 thru 20700482	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-29	MCS1244-30	
		MC9863053-16	MC9862067-12	MC9862066-5			
207A	20700483 thru 20700788	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-29	MCS1244-30	
		MC9863056-4	MC9862067-12	MC9862066-5			
210,210A	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-29	MCS1244-30	
		MC1213228-2	MCS1223-17	MC1213229-1			
210B,C,D	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-29	MCS1244-30	
		MCS1219-1	MCS1223-17	MCS1220-3			
210E,F,G	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCS1222-10A	MCS1223-4	MCS1220-3			
210H,J	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
210K	21059200 thru 21059240	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
210K,L	21059241 thru 21061573	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
210M	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863053-13	MC9862067-1	MC9862066-1			
210N	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863056-2	MC9862067-1	MC9862066-1			
210R	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCC299513-0101	Control N/A	Control N/A			
P210N	P21000001 thru P21000150	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863053-13	MC9862067-1	MC9862066-1			
P210N	P21000151 thru P21000834	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863056-2	MC9862067-1	MC9862066-1			
P210R	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCC299513-0101	Control N/A	Control N/A			
T210F	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1106-3 Rod End	MCS1106-3 Rod End	
		MCS1222-10A	MCS1223-4	MCS1220-3			
T210G	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCS1222-10A	MCS1223-4	MCS1220-3			
T210H,J	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
T210K	21059200 thru 21059240	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-5	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
T210K,L	21059241 thru 21061573	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MCC299505-0101	MCC299506-0101	MCC299507-0101			
T210M	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863053-13	MC9862067-1	MC9862066-1			
T210N	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1244-32	MCS1244-31	
		MC9863056-2	MC9862067-1	MC9862066-1			
T210R	All	MCS1104-3 Rod End	MCS1104-3 Rod End	MCS1104-3 Rod End	Control N/A	Control N/A	
		MCC299513-0101	Control N/A	Control N/A			

Partial model eligibility.

Push-Pull Controls and Accessories Cowl Flap & Fuel Strainer Drain Controls - Cessna

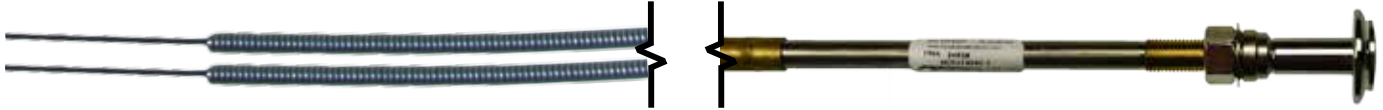
McFarlane
FAA-PMA Approved

Dual Cowl Flap Controls for Cessna Aircraft

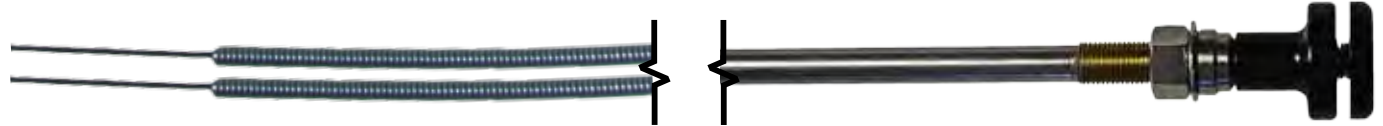
Models 180, 180A and 180B

- Solid wire ends
- Choose a chrome or black knob to match your panel!

Chrome P/N MC0713041-1



Black P/N MC0713041-1B



Models 180C, 182B and 182C

- Higher locking force than the original prevents cowl flap slippage
- Superior low friction Teflon lined conduit to reduce wear
- Heavier inner wire and conduit mean less deflection under load
- Powder coated aluminum knob for a durable finish
- Push rod ends
- P/N MC0713306-1

New!



Fuel Strainer Drain Cables

No more plastic knobs in the engine compartment MCS1517 Series

- Improved aluminum knob with easier to read lettering
- Stainless steel conduit for improved corrosion resistance
- Larger wire diameter for increased strength and wear resistance

New!



See pages 47-48 for eligibility and fuel strainer kits.

Push-Pull Controls and Accessories

Cabin Environment and Fuel Shut Off Controls for Cessna Aircraft

- Special, heavier wire for more fatigue strength and reliability
- Improved push-to-unlock mechanism - more holding strength
- Longer life
- High temperature Teflon lined conduit
- Reduced vibration wear
- Most knobs match originally equipped knobs



Aircraft	Serial Number	Part Number	Aux Cabin Air	Cabin Air	Cabin Air LH	Cabin Air RH	Cabin Heat	Cabin Vent.	Cold Air	Defrost	Fuel Shut Off	Fuel Valve	Fwd Air
180F,G,H	18051184 thru 18051875	MCS1241-1					•						
182E,F,G,H,J,K	All	MCS1241-1		•			•						
182L,M,N	18258506 thru 18260445	MCS1241-27		•			•						
182N,P,Q,R,S,T	18260446 and On	MCS1241-34					•						
F182P,Q, FR182	All	MCS1241-34					•						
R182, T182, T182T, TR182	All	MCS1241-34					•						
185, 185A	185-0001 thru 185-0413	MCS1241-1					•						
185A,B	185-0414 thru 185-0653	MCS1241-1					•					•	
185C	All	MCS1241-1					•						
185D,E	All	MCS1241-1					•				•		
A185E	185-0968 thru 185-1300	MCS1241-1					•				•		
	185-1301 thru 185-1599	MCS1241-27									•		
	18501600 thru 18501679	MCS1241-34									•		
188B	18800986 thru 18801824	MCS1241-34						•					
	18801825 thru 18802348	MCS1241-34	•										
A188B, A188B (w/large hopper)	18800986 thru 18801824T	MCS1241-34						•					
	18801825 thru 18802348T	MCS1241-34	•										
	18802349 thru 18802745T	MCS1241-34	•						•				
	18802746 thru 18803973T	MCS1241-34							•				
T188C	All	MCS1241-34							•				
210-5(205)	205-0001 thru 205-0126	MCS1241-1	•	•		•	•						
	205-0127 and On	MCS1241-1	•	•	•	•	•						
206	All	MCS1241-1	•	•			•						
206H	20600001 thru 20608082	MCS1241-34		•			•						
	20608083 and On	MCS1241-34		•			•			•			
P206, P206A,B	All	MCS1241-1	•	•			•						
P206C,D	All	MCS1241-27	•	•			•						
P206E	U20601445 thru U20601587	MCS1241-34		•			•						
T206H	T20608001 thru T20608146	MCS1241-34		•			•						
	T20608147 and On	MCS1241-34		•			•			•			
TP206A,B	All	MCS1241-1					•						
TP206C	All	MCS1241-27	•	•			•						
TP206D,E	All	MCS1241-27					•						
TU206A	All	MCS1241-1					•						
TU206B	All	MCS1241-1	•	•			•						
TU206C,D	All	MCS1241-27	•	•			•						
TU206E,F	U20601445 thru U20602199	MCS1241-27		•			•						
TU206F	U20602200 thru U20603521	MCS1241-34		•			•						
TU206G	All	MCS1241-34		•			•			•			
U206	All	MCS1241-1		•			•						
U206A,B	All	MCS1241-1	•	•			•						
U206C,D	All	MCS1241-27	•	•			•						
U206E,F	All	MCS1241-34		•			•						
U206G	All	MCS1241-34		•			•			•			
207, T207	20100001 thru 20700148	MCS1241-27	•	•			•						
	20700149 thru 20700362	MCS1241-34		•			•						
207A, T207A	All	MCS1241-34		•			•			•			
210B	21057841 thru 21057940	MCS1241-1			•		•						
	21057941 thru 21058085	MCS1241-1				•	•						
210C	All	MCS1241-1				•	•						
210D	All	MCS1241-1			•	•	•						
210E	All	MCS1241-1	•		•	•	•						
210F	All	MCS1241-1	•				•						
210G	All	MCS1241-1	•	•			•						
210H,J	All	MCS1241-27	•	•			•						
210K,L,M,N,R	All	MCS1241-34		•			•						
P210N,R	All	MCS1241-34											•
T210F	All	MCS1241-1	•				•						
T210G	All	MCS1241-1	•	•			•						
T210H,J	All	MCS1241-27	•	•			•						
T210K,L,M,N,R	All	MCS1241-34		•			•						

Partial model eligibility

Push-Pull Controls and Accessories Engine Controls - Piper



Throttle, Mixture and Propeller Controls

- Solid metal construction
- Pilot friendly knobs
- Lifetime lubrication
- Superior low friction conduit

Carb Heat and Alt Air Controls

Longer life and save up to \$200.00

- The most commonly replaced controls just got better!
- Special, heavier wire for more fatigue strength and reliability
- Improved friction mechanism
- Reduced vibration wear
- Anti-rotate feature to reduce stress on the inner wire
- High temperature Teflon lined conduit
- Realistic price



Model	Serial Number	Throttle Control	Propeller Control	Mixture Control	Carb Heat or Alt Air Control
PA-18, PA-18"105" (Special)	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18"125" (Army L-21A)	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18"135" (Army L-21B)	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18"150"	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18A, PA-18A"135",A"150"	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18AS"125", AS"135", AS"150"	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18S, PA-18S"105",S"125",S"135"	All			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-18S "150"	1809001 thru 1809113			MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-18S "150"	18-3771 thru 18-8309025			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-19, PA19S,L-18C	All			MC600-72	
PA-20, PA-20S	20-01 thru 20-811	MC455-139		MC454-120 1 7 or MC600-72 8	MC454-120 2
PA-20, PA-20S	20-812 thru 20-1121	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-20, PA-20S	20-1122 and On			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-20"115", PA-20S"115"	20-01 thru 20-1121	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-20"115", PA-20S"115"	20-1122 and On			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-20"135", PA-20S"135"	20-877 thru 20-1121	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-20"135", PA-20S"135"	20-1122 and On			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22	All	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22-108	22-8000 and On	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 1
PA-22-135	22-534 thru 22-2377	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22-135	22-2379 thru 22-2424	MC455-139		MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22-135	22-2378, 22-2425 thru 22-3217	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-22-135	22-3219 thru 22-3386	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-22S-135	22-534 thru 22-2377			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22S-135	22-2379 thru 22-2424			MC454-120 5 7 or MC600-72 8	MC454-120 2
PA-22S-135	22-2378, 22-2425 thru 22-3217	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-22S-135	22-3219 thru 22-3386	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-22-150, PA-22S-150	22-2378, 22-2425 thru 22-7642	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-22-160, PA-22S-160	22-5139, 22-5603 thru 22-7642	MC12693-04		MC454-120 5 7 or MC600-72 8	MC454-120 3
PA-24	24-1 thru 24-2969			MC454-120 1 7 or MC600-72 8	
PA-24-250	24-1 thru 24-104			MC454-120 1 7	
PA-24-250	24-105 thru 24-2174		MC455-184	MC454-120 1 7 or MC600-72 8 Carb. Engine Only	
PA-24-250	24-2175 thru 24-2969		MC455-252	MC454-120 1 7 or MC600-72 8 Carb. Engine Only	
PA-24-250	24-2970 thru 24-3687		MC455-252	MC600-72 8 Carb. Engine Only	
PA-24-260	24-3642, 24-4000 thru 24-4803		MC455-252	MC600-72 Carb. Engine Only	
PA-24-260	24-4804 thru 24-5034			MC600-72 Carb. Engine Only	
PA-24-400	26-2 thru 26-148			MC22633-04	
PA-28-140	28-20002 thru 28-21095	MC12693-04		MC600-72	MC63902-003 4
PA-28-140	28-21096 thru 28-24999	MC12693-04		MC600-72	MC63902-016 6
PA-28-140	28-25000 thru 28-25821	MC455-353		MC455-352	MC554-167
PA-28-140	28-25822 thru 28-7425418	MC455-353		MC455-352	MC554-093 1
PA-28-140	28-7425419 thru 28-7725290	MC455-353		MC455-352	MC554-094 1
PA-28-150	28-1 thru 28-2627	MC12693-04		MC600-72	MC63902-003 4
PA-28-150	28-2628 thru 28-4377	MC12693-04		MC600-72	MC63902-016 6
PA-28-151	All	MC455-350		MC455-352	MC554-093 1
PA-28-160	28-1 thru 28-2627	MC12693-04		MC600-72	MC63902-003 4
PA-28-160	28-2628 thru 28-4377	MC12693-04		MC600-72	MC63902-016 6
PA-28S-160	28-1 thru 28-1760			MC600-72	MC63902-003 4
PA-28-161	2816001 thru 2816110 (Less 2816066)	MC455-350		MC455-352	MC554-093 1
PA-28-161	2816111 thru 2816119				MC554-093 1
PA-28-161	2841001 thru 2842999	MC455-350		MC455-352	MC554-093 1
PA-28-161	28-7716002 thru 28-8616057	MC455-350		MC455-352	MC554-093 1
PA-28-180	28-671 thru 28-1760	MC12693-04		MC600-72	MC63902-003 4
PA-28-180	28-1761 thru 28-2627	MC12693-04		MC600-72	MC63902-003 4
PA-28-180	28-2628 thru 28-4377	MC12693-04		MC600-72	MC63902-016 6
PA-28-180	28-4378 thru 28-5152	MC455-333		MC455-332	MC66856-007
PA-28-180	28-5153 thru 28-5398	MC455-350		MC455-352	MC66856-007
PA-28-180	28-5399 and On	MC455-350		MC455-352	MC554-095 1
PA-28R-180	28R-30005 thru 28R-30481	MC455-322	MC455-322	MC455-322	
PA-28R-180	28R-30483 thru 28R-31092	MC455-322	MC455-322	MC455-322	
PA-28R-180	28R-31093 thru 28R-31279	MC455-322	MC455-322	MC455-322	MC554-092 1
PA-28R-180	28R-7130001 thru 28R-7130013	MC455-322	MC455-322	MC455-322	MC554-130 1

Eligibility continued on the next page. See notes regarding the Mixture, Carburetor Heat and Alternate Air controls on the next page.



Continued from previous page FAA-PMA Approved for Piper Aircraft		Throttle Control	Propeller Control	Mixture Control	Carb Heat or Alt Air Control
Model	Serial Number				
PA-28R-180	28R-7130014 thru 28R-7130019	MC455-322	MC455-322	MC455-322	
PA-28S-180	28-671 thru 28-2627			MC600-72	MC63902-003 4
PA-28S-180	28-2628 thru 28-4377			MC600-72	MC63902-016 6
PA-28S-180	28-4378 thru 28-5398				MC66856-007
PA-28S-180	28-5399 thru 28-7205234				MC554-095 1
PA-28-181	2843001 thru 2843999				MC554-094 1
PA-28-181	2890001 thru 2890205				MC554-095 1
PA-28-181	2890206 thru 2890231				MC554-094 1
PA-28-181	28-7690001 thru 28-8290174	MC455-350		MC455-352	MC554-095 1
PA-28-181	28-8390001 and On	MC455-350		MC455-352	MC554-095 1
PA-28-201T	28-7921001 thru 28-7921095	MC455-322	MC455-322	MC455-361	MC554-387 1
PA-28R-200	28R-30482, 28R-35001 thru 28R-35225	MC455-322	MC455-322	MC455-322	
PA-28R-200	28R-35226 thru 28R-35830	MC455-322	MC455-322	MC455-322	MC554-092 1
PA-28R-200	28R-7135001 thru 28R-7635545	MC455-322	MC455-322	MC455-322	MC554-130 1
PA-28R-201	2837001 thru 2837061	MC455-322	MC455-322	MC455-322	MC554-130 1
PA-28R-201	2844001 thru 2844999				MC554-130 1
PA-28R-201	28R-7737002 thru 28R-7837317	MC455-322	MC455-322	MC455-322	MC554-130 1
PA-28R-201T	28R-7703002 thru 28R-7803372	MC455-322	MC455-322	MC455-361	MC554-387 1
PA-28R-201T	2803001 thru 2803015	MC455-322	MC455-322	MC455-361	MC554-387 1
PA-28RT-201	28R-7918001 thru 28R-8018116	MC455-322	MC455-322	MC455-322	MC554-130 1
PA-28RT-201	28R-8018117 thru 28R-8118000				MC554-130 1
PA-28RT-201	28R-8118001 and On	MC455-322	MC455-322	MC455-322	MC554-130 1
PA-28RT-201T	2831001 thru 2831038				MC554-387 1
PA-28RT-201T	28R-7931001 thru 28R-8031188	MC455-322	MC455-322	MC455-361	MC554-387 1
PA-28RT-201T	28R-8031189 thru 28R-8131000				MC554-387 1
PA-28RT-201T	28R-8131001 and On	MC455-322	MC455-322	MC455-361	MC554-387 1
PA-28-235	28-10003 thru 28-11038	MC12693-04		MC600-72	
PA-28-235	28-11039	MC12693-04			
PA-28-235	28-11040 thru 28-11252	MC455-333		MC455-332	MC66856-007
PA-28-235	28-11253 thru 28-11393	MC455-333		MC455-332	MC554-094 1
PA-28-235	28-7110001 thru 28-7210033	MC455-333		MC455-332	MC554-094 1
PA-28-235	28-7310001 thru 28-7710089	MC455-333	MC455-344	MC455-332	MC554-094 1
PA-28-236	28-11001 thru 2811050				MC554-094 1
PA-28-236	28-7911001 thru 28-8211060	MC455-333	MC455-344	MC455-332	MC554-094 1
PA-28-236	28-8311001 and On	MC455-333	MC455-344	MC455-332	MC554-094 1
PA-32-260	32-451 thru 32-1110				MC63902-021 6
PA-32-260	32-1111 thru 32-1320	MC455-360		MC455-361	MC554-053
PA-32-260	32-7100001 thru 32-7800008	MC455-360		MC455-361	MC554-053
PA-32-300	32-40000 thru 32-40565	MC69530-02	MC65451-04		
PA-32-300	32-40566 thru 32-41018	MC455-358			MC554-051
PA-32-300	32-41019 thru 32-7140000				MC554-051
PA-32-300	32-7140001 thru 32-7940282	MC455-358			MC554-051
PA-32-300	32-7940283 and On				MC554-051
PA-32R-300	All				MC554-051
PA-32RT-300	All				MC554-051
PA-32S-300	32S40566 thru 32S-7240137				MC554-051
PA-32-301	32-8006001 thru 32-8406020	MC455-358			MC554-051
PA-32-301	32-8406021 thru 32-8506000	MC455-358			MC554-051
PA-32-301	32-8506001 and On	MC455-358			MC554-051
PA-32-301FT	All				MC554-051
PA-32-301T	32-8024001 thru 32-8424002	MC455-344		MC455-344	MC553-874
PA-32-301T	32-8524001 and On	MC455-344		MC455-344	
PA-32R-301	3213001 thru 3213103				MC554-051
PA-32R-301	3246001 thru 3246999				MC653-658
PA-32R-301	32R-8013001 thru 32R-8613006				MC554-051
PA-32R-301T	3229001 thru 3229003				MC553-885
PA-32R-301T	3257001 thru 3257999				MC653-658
PA-32R-301T	32R-8029001 thru 32R-8229078	MC455-360		MC455-360	MC553-885
PA-32R-301T	32R-8229079 thru 32R-8329000				MC553-885
PA-32R-301T	32R-8329001 and On	MC455-360		MC455-360	MC553-885
PA-32RT-300T	32R-7787001 thru 32R-7887000				MC554-466
PA-32RT-300T	32R-7887001 thru 32R-7987126	MC455-360		MC455-360	MC554-466
PA-38-112	All				MC554-511 1

Notes:

- 1** Knob not included.
- 2** Knob not included. Order P/N MC471-052
- 3** Knob not included. Order P/N MC471-060
- 4** Knob P/N MC471-084 included with control.
- 5** Knob not included. Order P/N MC471-053
- 6** Knob P/N MC571-131 included with control.
- 7** Part number MC454-120 duplicates original control.
- 8** Part number MC600-72 is a vernier control. Installation is approved as a minor alteration (No STC or Form 337) and may require enlarging the instrument panel mounting hole to 3/4" diameter.

Additional knob eligibility is on shown on the following pages.

Rod end part numbers and eligibility can be found on the following pages.

Engine Controls for Van's RV Series Aircraft

- Quick delivery, No long lead times
- High quality and affordable
- Lifetime lubrication
- Non certified, designed for listed aircraft models only
- See page 132 for APS brake discs and linings



	Throttle	Venier-Assist Throttle	Mixture	Prop
RV-10	MCRV10-T	MCRV10-TV	MCRV10-M	MCRV10-P
RV-10 W/Aerosport Products Panel	MCRV10-T-A	MCRV10-TV-A	MCRV10-M-A	MCRV10-P-A
RV-12		MCRV12-TV		

Controls designed to work with Van's firewall forward kit. Call for custom installations.



Push-Pull Controls and Accessories



New! Cabin Environment Controls for Piper Aircraft

Longer life and save up to \$200.00

- Special, heavier wire for more fatigue strength and reliability
- Improved friction mechanism
- Reduced vibration wear
- Anti-rotate feature to reduce stress on the inner wire
- High temperature Teflon lined conduit
- Realistic price



P/N MC454-120 without knob



P/N MC454-120 with
P/N MC471-052 Knob



P/N MC454-120 with
P/N MC471-060 Knob

Aircraft	Serial Number	Cabin Heat Control	Cabin Heat Rear Control	Cold Air Inlet Control	Defrost Control	Parking Brake Control
PA-18, PA-18A, PA-18S	All	MC454-120 2				
PA-18 "105" (Special), PA-18S "105" (Special)	All	MC454-120 2				
PA-18 "125" (Army L-21A), PA-18AS "125", PA-18S "125"	All	MC454-120 2				
PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135"	18-1 thru 18-2167	MC454-120 2				
PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135"	18-2168 and On	MC454-120 2		MC454-120 2		
PA-18AS "135", PA-18 "150"	All	MC454-120 1				
PA-18 "150"	All	MC454-120 2				
PA-18A "150", PA-18AS "150"	All	MC454-120 2		MC454-120 2		
PA-18S "150"	1809001 thru 1809113	MC454-120 3		MC454-120 1		
PA-18S "150"	18-3771 thru 18-8309025	MC454-120 2		MC454-120 2,3		
PA-20, PA-20S	20-1 thru 20-553	MC454-120 2				
PA-20, PA-20S	20-554 thru 20-811	MC454-120 2		MC454-120 2		
PA-20, PA-20S	20-812 and On	MC454-120 2	MC454-120 2	MC454-120 2		
PA-20 "115", PA-20S "115"	All	MC454-120 2				
PA-20 "135", PA-20S "135"	20-877, 20-881, 20-885, 20-888	MC454-120 2		MC454-120 2		
PA-20 "135", PA-20S "135"	20-878 thru 20-880	MC454-120 2	MC454-120 2	MC454-120 2		
PA-20 "135", PA-20S "135"	20-882 thru 20-884	MC454-120 2	MC454-120 2	MC454-120 2		
PA-20 "135", PA-20S "135"	20-886 thru 20-887	MC454-120 2	MC454-120 2	MC454-120 2		
PA-20 "135", PA-20S "135"	20-889 and On	MC454-120 2	MC454-120 2	MC454-120 2		
PA-22	All	MC454-120 2	MC454-120 2	MC454-120 2		MC454-120 2
PA-22-108	All	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 1
PA-22-135	22-534 thru 22-539, 22-543	MC454-120 2		MC454-120 2		MC454-120 2
PA-22-135	22-540 thru 22-542	MC454-120 2	MC454-120 2	MC454-120 2		MC454-120 2
PA-22-135	22-544 thru 22-2377	MC454-120 2	MC454-120 2	MC454-120 2		MC454-120 2
PA-22-135	2378	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 1
PA-22-135	22-2379 thru 22-2424	MC454-120 2	MC454-120 2	MC454-120 2		MC454-120 2
PA-22-135	22-2425 and On	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 1
PA-22S-135	22-534 thru 22-2377 and 22-2379 thru 22-2424	MC454-120 2,4	MC454-120 1	MC454-120 2		
PA-22S-135	22-2378, 22-2424 and On	MC454-120 3,4	MC454-120 3	MC454-120 3		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-2378, 22-2425 thru 22-5138	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 3
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-2379 thru 22-2424	MC454-120 2	MC454-120 1	MC454-120 2		MC454-120 2
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-5139, 22-5603 and On	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 1
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-5140 thru 22-5602	MC454-120 3	MC454-120 3	MC454-120 3		MC454-120 3
PA-24, PA-24-250	24-1 thru 24-2174	MC454-120 1		MC454-120 1	MC454-120 1	MC454-120 1
PA-24, PA-24-250	24-2176 thru 24-2298			MC454-120 1		MC454-120 1

Notes:

- 1** Knob not included.
- 2** Knob not included. Order P/N MC471-052
- 3** Knob not included. Order P/N MC471-060
- 4** Quantity 2 each of the Cabin Heat Control is required for this aircraft.

Additional knob eligibility is on shown on the following page.

Swivel Fittings and Studs (Bug Nuts) for Piper Aircraft

Part number 70371-002 swivel fitting and 70371-003 stud are used to attach to solid wire push-pull controls. They wear out due to vibration.

There are two FAA-PMA replacement options. The PMA Products CA70371-002 swivel fitting and CA70371-003 stud, or the Univair U70371-000 swivel assembly.

The U70371-000 replaces Piper part numbers 70371-000 or 70371-800. These are service kits that include the -002 fitting, the -003 stud as well as an AN320-3 castle shear nut, MS24665-132 cotter pin, and two special sized Piper specific washers.



Part Number	Description	Eligible Models
CA70371-002 CA70371-003	Swivel Fitting Stud	PA18,PA18-150,PA22,PA23-150,160,235,250,PA24-180,250,260,400,PA25-150,235,260,PA28-140,150,151,160,161,180,181,201T,235,236 PA28R-180,200,201,201T,PA28RT-201,201T,PA30,PA39,PA31-300,310,325,350,PA31-350,T1020,PA31T,1,2,PA31P,350,PA32-260,300,301, 301T,PA32R-300,301,301T,PA32RT,PA34-200,200T,PA36-285,300,375,PA38,PA42,PA42-720,1000,PA44-180,PA46,PA46-310P,350P
U70371-000	Swivel Fitting Assy.	PA20, PA20S, PA20-135, PA20S-135, PA22-135, PA22S-135, PA22-150, PA22S-150, PA22-160, PA22S-160, PA22-108, PA23, PA23-160

Control Knobs for Piper Aircraft

Give your panel an upgrade - replace old discolored knobs!

- "Original" look
- Superior quality
- 10-32 thread



Aircraft	Serial Number	Knob Type																	
		Part Number	MC571-131	MC571-131	MC471-060	MC471-052	MC471-060	MC471-052	MC471-052	MC471-060	MC471-084	MC571-131	MC471-060	MC471-052	MC471-060	MC471-131	MC471-060	MC471-052	MC471-131
PA-18, PA-18A, PA-18S	All																		
PA-18 "105" (Special), PA-18S "105"	All																		
PA-18 "125" (Army L-21A), PA-18AS "125", PA18S "125"	All																		
PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135"	18-1 thru 18-2167																		
PA-18AS "135"	18-1 thru 18-2167																		
PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135"	18-2168 thru 18-7632																		
PA-18AS "135"	18-2168 thru 18-7632																		
PA-18A "150", PA-18AS "150"	All																		
PA-18S "150"	1809001 thru 1809113																		
PA-18S "150"	18-3771 thru 18-8309025																		
PA-20, PA-20S	20-1 thru 20-553																		
PA-20, PA-20S	20-554 thru 20-811																		
PA-20, PA-20S	20-812 and On																		
PA-20 "115", PA-20S "115"	All																		
PA-20 "135", PA-20S "135"	All																		
PA-22	All																		
PA-22-108	All																		
PA-22-135	22-534 thru 22-539																		
PA-22-135	22-540 thru 22-542																		
PA-22-135	22-543																		
PA-22-135	22-544 thru 22-2377																		
PA-22-135	22-2378																		
PA-22-135	22-2379 thru 22-2424																		
PA-22-135	22-2425 and On																		
PA-22S-135	22-534 thru 22-2377 and 22-2379 thru 22-2424																		
PA-22S-135	22-2378, 22-2425 and On																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-2378																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-2379 thru 22-2424																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-2425 thru 22-5138																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-5139																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-5140 thru 22-5602																		
PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	22-5603 and On																		
PA-25-235	All																		
PA-25-260	All																		
PA-28-140	28-20002 thru 28-21095																		
PA-28-140	28-21096 thru 28-24999																		
PA-28-150, PA-28-160	28-0001 thru 28-2627																		
PA-28-150, PA-28-160	28-2628 thru 28-4377																		
PA-28S-160	28-1 thru 28-1760																		
PA-28-180, PA-28S-180	28-671 thru 28-2627																		
PA-28-180	28-2628 thru 28-4277																		
PA-28-180	28-4278 thru 28-4377																		
PA-28S-180	28-671 thru 28-2627																		
PA-28S-180	28-2628 thru 28-4377																		
PA-28-235	28-10003 thru 28-10675																		
PA-28-235	28-10676 thru 28-11039																		
PA-32-260	32-1 thru 32-1110																		
PA-32-300	32-40000 thru 32-40565																		
PA-32-300S	32S-15 thru 32S-40565																		

■ Quantity 2 each of knob Cabin Heat (Ivory) is required for these aircraft.



P/N MC471-084
With P/N 6289 Carb
Heat Decal
(Decal sold separately)



P/N MC471-052



P/N MC471-053



P/N MC471-060



P/N MC571-131

Solid Wire Vernier Mixture Control for Beechcraft, Mooney, Maule and Stinson Aircraft

FAA-PMA Approved

- Precise mixture control for less than the original replacement part
- Extra long - trim to exact length
- High quality McFarlane manufacture

Make	Model	Serial Number	Part Number
Raytheon (Beechcraft)	19A, M19A, B19,23, A23-19, B23	All	MC600-120
Raytheon (Beechcraft)	35, A35, B35, C35, D35, E35, F35, G35, H35	All	MC600-72
Mooney	M20, M20A, M20B, M20C, M20D	All	MC600-72
Maule	Bee Dee M-4, M4, M-4C, M-4S, M-4T	All with Carbureted Engine	MC600-72
Maule	M-4-220, M-4-220-C, M-4-220S	All with Carbureted Engine	MC600-72
Maule	M-4-220T, M-4-180C, M-4-180S, M-4-180T	All with Carbureted Engine	MC600-72
Maule	M-5-180C, M-5-220T, M-5-235C	All with Carbureted Engine	MC600-72
Maule	M-5-210TC, M-6-180, M-6-235, MX-7-160	All with Carbureted Engine	MC600-72
Maule	MXT-7-160, MX-7-180, MX-7-180A	All with Carbureted Engine	MC600-72
Maule	MXT-7-180, MXT-7-180A, MX-7-180B	All with Carbureted Engine	MC600-72
Maule	MX-7-180C, M-7-235, MX-7-235	All with Carbureted Engine	MC600-72
Maule	MX-7-235A, MX-7-235B, MX-7-235C, M-8-235	All with Carbureted Engine	MC600-72
Univair (Stinson)	108, 108-1, 108-2, 108-3, 108-5	All	MC600-72



Throttle Controls for Grumman Aircraft

FAA-PMA Approved

- Throttle Controls for aircraft manufactured by Grumman American, Gulfstream Aerospace Corp. or Tiger Aircraft LLC.
- McFarlane has developed a longer conduit terminal that allows extra clearance between the swivel joint and the air filter box at the clamp location.
- Thread length has been tailored to allow full adjustment of the Grumman swivel assembly.
- Push rod length has been tailored to ensure that McFarlane throttle controls duplicate the original controls in fit and function.

Model	Serial Number	Part Number
AA-1	AA1-0433 and On	MC507005-1
AA-1A	AA1A-0001 and On	MC507005-1
AA-1B	AA1B-0001 and On	MC507005-1
AA-1C	AA1B-0601	MC507005-1
AA-1C	AA1C-0001 and On	MC507005-1
AA-5	AA5-0001 and On	MC507005-2
AA-5A	AA5A-0283 and On	MC507005-2
AA-5B	AA5B-0001 and On	MC507005-3



Engine Controls for Bellanca Viking Aircraft

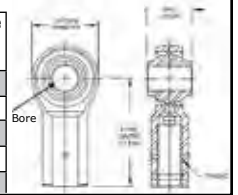
FAA-PMA Approved

Model	Serial Number	Throttle	Propeller	Mixture
17-30A	30263 and On, and aircraft with a S/N prefix "75-"	MCS191783-18	MCS191783-1	MCS191783-16
17-31A	73-32-128 and On, and aircraft with a S/N prefix "75-"	MCS191783-18	MCS191783-1	MCS191783-17
17-31ATC	73-31067 and On, and aircraft with a S/N prefix "75-"	MCS191783-18	MCS191783-1	MCS191783-17

Rod Ends for Experimental Aircraft

Not for use on certified aircraft. Not FAA-PMA approved. See pages 22-24 for FAA-PMA approved rod ends.

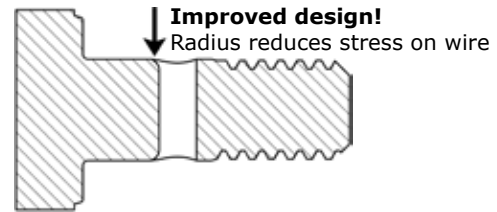
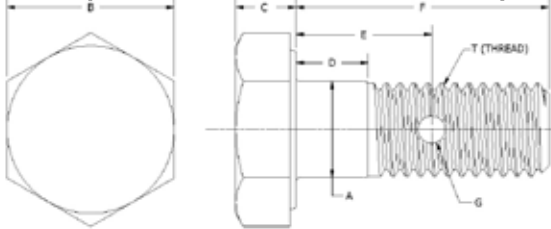
P/N	Bore	O.D.	Bore Ctr to End	Ball Width	Thread	Thread Type	Ultimate Static Load
(~)	(in)	(in)	(in)	(in)	(in)	(~)	(lbs)
MW-3M-500	0.190	0.625	1.062	0.312	10-32	Internal	1,531
GMW-3M-470	0.190	0.750	1.375	0.437	1/4-28	Internal	2,881
GMW-4M-470	0.250	0.812	1.375	0.437	1/4-28	Internal	2,950
MM-3M-500	0.190	0.625	1.250	0.312	10-32	External	1,169



Bolt Style Wire Clamps for Solid Wire Controls for Cessna Aircraft

FAA-PMA Approved

- Unique design to reduce wire stress
- Heat treated stainless steel for wear and corrosion resistance
- The best for less!
- See pages 9-13 to find the correct clamp for your mixture or carb heat control.
- Go to <http://www.mcfarlaneaviation.com/products> to find the correct clamp for all other applications.



Part Number (~)	A Bolt Dia. (in)	B Wrench Size (in)	C Thick (in)	D Grip Length (in)	E Hole Position (in)	F Shank Length (in)	G Hole Dia. (in)	T Thread (~)	Application
MCS2323-1	0.188	3/8	0.125	0.250	0.183	0.653	0.073	10-32	Carb heat, starter, mixture, cabin heat, fuel shutoff, strainer drain, defrost, shutter, wastegate, oxygen control, de-ice, heater, airbox, alternate air, flap/elevator, pressure air dump, heat exchanger
MCS2323-2	0.250	7/16	0.156	0.312	0.325	0.781	0.073	1/4 - 28	cabin heat, mixture, defrost
MCS2323-3	0.250	7/16	0.156	0.188	0.199	0.539	0.073	1/4 - 28	strainer drain, cowl flaps, carb heat, alternate air
MCS2323-4	0.250	7/16	0.156	0.313	0.312	0.781	0.073	1/4 - 28	mixture, flap indicator, flap guide, fuel shut-off
MCS2323-5	0.188	3/8	0.125	0.125	0.188	0.531	0.073	10-32	cabin air, carb heat, starter, airbox, defrost, flap, shutter, oxygen
MCS2323-6	0.250	7/16	0.156	0.188	0.355	0.656	0.073	1/4 - 28	mixture, hopper, induction
MCS2323-7	0.188	3/8	0.125	0.250	0.192	0.656	0.076	10-32	fuel shut-off, alternate air, flap elevator trim
MCS2323-8	0.188	3/8	0.125	0.250	0.202	0.656	0.096	10-32	fuel shut-off, oxygen control
MCS2323-9	0.250	7/16	0.156	0.438	0.343	0.906	0.129	1/4 - 28	flap control, flap guide
MCS2323-10	0.188	3/8	0.125	0.125	0.204	0.477	0.079	10-32	fuel shut-off, heat exchanger
MCS2323-11	0.188	3/8	0.125	0.250	0.266	0.656	0.076	10-32	mixture, bleed air, fuel selector, flap/elevator
MCS2323-12	0.250	7/16	0.156	0.188	0.357	0.656	0.073	1/4 - 28	mixture, cabin heat, pressurization
MCS2323-13	0.250	7/16	0.156	0.313	0.271	0.781	0.073	1/4 - 28	mixture, alternate air, bleed air
MCS2323-14	0.188	3/8	0.125	0.125	0.132	0.531	0.082	10-32	cabin heat, cabin air
MCS2323-19	0.188	3/8	0.125	0.125	0.200	0.531	0.094	10-32	defroster

Push-Pull Controls and Accessories

Rod Ends for Cessna Aircraft

- Many applications!
- See pages 9-14 for rod ends for Cessna 120 thru 210 engine controls.



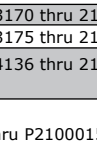
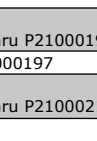
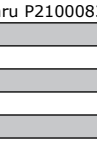
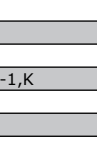
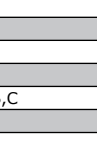
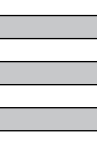
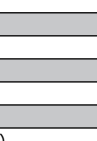
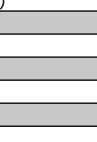
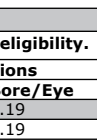
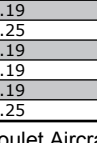
Red Rods for Cessna Aircraft																																												
• Many applications! • See pages 9-14 for rod ends for Cessna 120 thru 210 engine controls. 		Part Number																																										
		MCS1106-3	S1819-3	MCS1819-4	MCS1106-3	MCS1104-3	MCS1105-3	MCS1106-3	MCS1106-4	MCS1106-3	MCS1104-3	MCS1106-3	MCS1106-4	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	S1823-3	S1107-3	MCS1105-3	MCS1106-3	MCS1106-4	S1819-3	S1819-3	MCS1104-3	MCS1106-3	MCS1106-4	S1819-3	MCS1104-3	MCS1106-3	MCS1104-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1106-4	MCS1104-3	MCS1106-3	MCS1104-3	MCS1105-3				
		150, 150A,B,C,D,E,F,G,H,J																																										
		150K,L,M,A-150L, A-A150L, A150K,L,M																																										
F150F,G,H,J																																												
F150K,L,M, FA150K,L,M, FRA150L,M																																												
152, A152, F152, FA152																																												
172,172A,B,C																																												
172D,E,F,G,H,I,K,L,M,N,P,Q,R																																												
172RG																																												
172S, F172D,E,F,G,H,K,L,M,N,P, FP172																																												
FR172E,F,G,H,J																																												
FR172K																																												
P172D																																												
R172K																																												
175, 175A,B,C																																												
177, 177A,B																																												
177RG, F177RG																																												
180,180A,B,C,D,E,F,G,H,J,K																																												
182,182A,B,C,D,E,F,G,H,J,K																																												
182L,M																																												
182N S/N 18260056 thru 18260445																																												
182N S/N 18260446 thru 18260825																																												
182P,Q,R																																												
182S,T																																												
F182P,Q																																												
FR182, R182																																												
T182																																												
T182T																																												
TR182																																												
185, 185A,B,C,D,E, A185E,F																																												
188,188A,B, A188, A188A,B, T188C																																												
210-5 (205), 210-5A (205A)																																												
206																																												
206H																																												
P206,P206A																																												
P206B,C,D,E																																												
T206H																																												
TP206A,B																																												
TP206C,D,E																																												
TU206A,B																																												
TU206C,D,E																																												
TU206F S/N U20601701 thru U20602199																																												
TU206F S/N U20602200 thru U20603521,TU206G																																												
U206,U206A,B,C,D,E,U206F S/N U20601701 thru U20602199																																												
U206F S/N U20602200 thru U20603521,U206G																																												
207,207A,T207,T207A																																												
208,208A,B																																												
210,210A																																												
210B,C																																												
210D,E,F																																												

Partial model eligibility. P/N S1823-3 is applicable to model 150J only. P/N S1107-3 is applicable to models 182, 182A,B,C,D only.

McFarlane®
FAA-PMA Approved

- Many applications!
- See pages 9-14 for rod ends for Cessna 120 thru 210 engine controls.



Rod Ends for Cessna Aircraft																																																																																																																			
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Rod Ends for Piper Aircraft

Model	Part Number	Description/Application
PA-18/18A, PA-18-105/125/135/150 & PA-18A-125/135/150 S/N's 18-1 thru 18-8309025 and PA18-150 S/N's 1809001 thru 1809113	CA452-335A	Wing panel assembly, uncovered
PA-22 & PA-22-108/135/150/160	CA452-335A	Wing panel assembly, nose wheel
PA-23-150/160 PA 23-235/PA23-250 / PA 23-250	CA452-335A	Nose gear, main gear
PA-24-180/250/260/400	CA452-412	Landing gear retraction system, flap control mechanism, control surfaces
	CA452-334A	Steering push rod & shimmy damper, main gear bearing, control system
	CA452-335A	Bungee assembly, nose wheel, landing gear door
	CA452-336A	Flap control, nose gear assembly
PA-28-140/150/160/180/235/R-180/200	CA452-368	Main gear
	CA452-584	Landing gear door
	CA452-860A	Shimmy damper
PA-28-151/161 S/N 715001 thru 28-7715314, 28-7716001 thru 28-8616057 & 2816001 thru 2816119	CA452-334A	Nose gear
PA-28-161 S/N 2841001 thru 2841365	CA452-335A	Nose gear, control system, flap control
PA-28-161 S/N 2842001 & up	CA452-334A	Nose gear
	CA452-335A	Control system, flap control
	CA452-336A	Flap control
PA-28-181 S/N 28-7690001 thru 28-8690056 & 2890001 thru 2890231	CA452-334A	Nose gear
PA-28-181 S/N 2843001 & up	CA452-335A	Control system
	CA452-336A	Flap control
PA-28R-201/201T S/N 28R-773700, 2837001 thru 2837061, 28R7703002 thru 28R-7803372 & 2803001 thru 2803015	CA452-334A	Nose landing gear, main landing gear
	CA452-335A	Landing gear door, control system, flap control
	CA452-336A	Flap control
	CA452-584	Landing gear door
PA-28R-201 S/N 2844001 & up	CA452-334A	Nose landing gear
	CA452-335A	Landing gear door, control system, flap control
	CA452-336A	Flap control
	CA452-368	Main landing gear
PA-28RT-201/201T	CA452-334A	Nose landing gear
	CA452-335A	Landing gear door
PA-30/39	CA452-412	Landing gear retraction system, flap control mechanism
PA-31P	CA452-335A	Cabin door step
	CA452-412	Cabin door latch, nose landing gear, nose gear steering,
PA-31P-350	CA452-335A	Cabin door step
	CA452-412	Cabin door latch, nose landing gear, nose gear steering, elevator trim
PA-31-300/325, PA-31-350, PA-31-350T1020	CA452-412	Nose landing gear, nose gear steering mechanism
	CA452-335A	Cabin door step, engine control
PA-31T/T1/T2	CA452-412	Cabin door latch, nose landing gear
	CA452-860A	Cabin door snubber
PA-31T3	CA452-335A	Engine controls
	CA452-412	Nose landing gear, nose gear steering
	CA452-334A	Nose gear, main gear, control system
PA-32-260/300/R-300	CA452-335A	Landing gear door, flap control
	CA452-368	Main gear
	CA452-584	Landing gear door
	CA452-860A	Nose gear
PA-32-301/301T	CA452-334A	Nose gear
	CA452-335A	Aileron control, flap control
	CA452-336A	Aileron control, flap control
	CA452-860A	Nose gear
PA-32-301 XTC	CA452-334A	Nose gear
PA-32-301FT	CA452-335A	Aileron control, flap control
	CA452-336A	Aileron control
	CA452-860A	Nose gear
PA-32R-301/301T S/N 32R-8013001 thru 32R-8613005, 321001 thru 3213103, 32R-8029001 thru 32R-8629006 & 3229001 thru 3229003	CA452-334A	Nose gear, main gear
	CA452-335A	Landing gear door, aileron control, flap control
	CA452-336A	Aileron control, flap control
	CA452-368	Main gear
PA-32R-301/301T S/N 3246001 & up & 3257001 & up	CA452-334A	Main gear
	CA452-335A	Landing gear door, aileron control, flap control
	CA452-336A	Aileron control, flap control
	CA452-368	Main gear
PA-34-200	CA452-334A	Nose gear, aileron control, rudder trim, hydraulic system
	CA452-335A	Nose & main gear door actuation, flap control
	CA452-336A	Flap control
	CA452-368	Main gear
PA-34-200T	CA452-334A	Air conditioning, condenser & scoop, nose gear, hydraulic system rudder trim
	CA452-335A	Nose & main gear door actuation
	CA452-336A	Flap control
	CA452-368	Main gear
PA-34-220T S/N 34-8133001 thru 34-8633031, 3433001 & up, & 3448001 & up, PA-34-220T S/N 3447001 thru 3447029, & 3449001 & up	CA452-584	Aileron assembly, nose & main gear actuation
	CA452-334A	Nose gear, rudder trim hydraulic system, air conditioning condenser & scoop
	CA452-335A	Nose & main gear door actuation, aileron control, flap control
	CA452-336A	Flap control
PA-34RT-300/300T	CA452-334A	Nose gear, main gear, control system
	CA452-335A	Landing gear door, flap control
	CA452-336A	Flap control
	CA452-368	Main gear
PA-36-285/300/375	CA452-584	Landing gear door
PA-42/PA42-720	CA452-584	Elevator & elevator trim control
PA-42-1000	CA452-335A	Cabin door step, engine controls
PA-44-180/180T S/N 44-7995001 thru 44-8207020 & 4495001 thru 4495013	CA452-412	Cabin door latch, nose landing gear, nose gear steering, elevator control
PA-44-180 S/N4496001 & up	CA452-334A	Nose landing gear, main gear
	CA452-335A	Landing gear door, aileron control, flap control
	CA452-336A	Aileron control, flap control
	CA452-584	Landing gear door
PA-46-310P/350P S/N 46-8408001 thru 46-8608067, 4608001 thru 4608140 & 4622001 thru 4622200	CA452-334A	Nose gear, nose & main gear door, actuation
	CA452-335A	Nose & main gear door actuation
	CA452-412	Flap drive - electrical
	CA452-860A	Flap drive - electrical, flap drive & hydraulic
PA-46-350P S/N 4636001 & up	CA452-334A	Nose gear, nose & main gear door actuation
PA-46R-350T S/N 4692001 & up	CA452-335A	Main gear
	CA452-412	Flap Drive-Mechanical
	CA452-860A	Flap Drive-Mechanical
PA-46-500TP S/N 4697002,4697340,4697399 & up with G1000	CA452-334A	Nose gear, nose gear door actuation
	CA452-335A	Main gear door actuation
	CA452-412	Flap Drive-Mechanical
	CA452-860A	Flap Drive-Mechanical
PA-46-500TP S/N4697001 & up without G1000	CA452-334A	Nose gear, nose & main gear door actuation
	CA452-335A	Nose & main gear door actuation
	CA452-412	Flap Drive-Mechanical
	CA452-860A	Flap Drive-Mechanical

Piper Rod End Dimensions		
Part Number	Eye	Thread
CA452-334A	0.19	1/4-28
CA452-335A	0.19	1/4-28
CA452-336A	0.19	1/4-28
CA452-368	0.50	1/2-20
CA452-412	0.25	5/16-24
CA452-860A	0.25	1/4-28
CA452-584	0.19	

Push-to-Unlock Controls

Perfect for home built or custom projects!

- Quality stainless steel construction with bright anodized aluminum knobs
- High temperature Teflon lined conduit for smooth, consistent control (Cheap controls with poly liners will not tolerate engine temperatures)
- Heavy duty strength and long life
- Custom laser marking of the knobs is available
- Not for use on certified aircraft, flight controls or flight control trim tabs

Round knob with solid wire end (MC6150 series): Order part number MC6150-071XXLLL where **XX** is the knob color code and **LLL** is the length in inches.

- Round Knob - Red, black, blue and clear (silver) or Chrome plated bronze (designed to match vintage controls)
- Available in 4, 6, 8, 10, 12 foot and custom lengths
- May be trimmed to length

Square knob with solid wire end (MC6160 series): Order part number MC6160-071XXLLL where **XX** is the knob color code and **LLL** is the length in inches.

- Square black knob with a black or clear (silver) push-button
- Available in 6, 8, 12 foot and custom lengths
- May be trimmed to length
- Ideal for carburetor heat or alternate air

Round knob with 10-32 threaded push rod end (MC6250 series): Order part number MC6250-XXLLL where **XX** is the knob color code and **LLL** is the length in inches.

- Round Knob - Red, black, blue and clear (silver)
- Available in 4, 5, 6, 7, 8, 9, 10 foot and custom lengths

Round knob with dual solid wire ends (MC6350 series): Order part number MC6350-XXLLL where **XX** is the knob color code and **LLL** is the length in inches.

- Round Knob - Red, black, blue and clear (silver)
- Available in 4, 6, 8, 12 foot and custom lengths
- May be trimmed to length

Specifications:

Travel (stroke): 3" minimum

Conduit (dual wire controls): 0.188 inch OD Teflon lined wound conduit

Conduit (single wire controls): 0.24 inch OD Teflon lined wound conduit with a Teflon jacket

Max Work Loads: Pull: ~25 lbs; Push: ~10 lbs*

Minimum Locking Force (measured at the knob): 15 lbs tensile, 10 lbs compression

Operating Temp: -65 to 450 deg F (knob/housing assembly: -65 to 250 deg F)

Panel Fitting: 7/16-20 thread

*Max push load for solid wire end designs is dependent on wire diameter, length of trimmed wire (unsupported by conduit), geometry of wire rigging, and the actuator configuration.

Custom Engraved Knobs:

Custom laser marking of the knobs is available for a small additional fee. Call for details.



Laser Marking
Clean and durable!



Vintage Chrome
also available!

Knob/Color Codes	
Code	Description
BB	Black powder coated aluminum
RR	Red powder coated aluminum
LL	Blue powder coated aluminum
CC	Clear (Silver) anodized aluminum
CB	Black powder coated aluminum with Clear (Silver) push button
HH	Chrome plated brass knob

Turn-to-Lock Controls

Perfect for homebuilt or custom projects!

These versatile controls are ideal for many applications. They feature a turn-to-lock mechanism that requires a quarter turn of the knob to lock or unlock the control.

- Quality stainless steel construction
- High temperature Teflon lined conduit for smooth, consistent control (Cheap controls with poly liners will not tolerate engine temperatures)
- Wire end - may be trimmed to length
- Not for use on certified aircraft, flight controls or flight control trim tabs

Dual twisted wire ends: P/N MCTL1014DLLL-K (LLL = length in inches, K = Knob style)

- 1/16" diameter 7X7 stainless steel
- ~ 30 lbs minimum locking force
- Includes two adjustable barrel stops to attach to Rotax choke arms
- Available in 4, 6, 8 and 12 ft lengths

Dual solid wire ends: P/N MCTL2254D072-K (K = Knob style)

- 0.071" diameter music wire
- ~ 55 lbs minimum locking force
- 6 foot length

Single twisted wire end: P/N MCTL1034-072-K (K = Knob style)

- 1/16" diameter 1X7 stainless steel
- ~ 30 lbs minimum locking force
- 6 foot length

Single solid wire end: P/N MCTL2254-072-K (K = Knob style)

- 0.071" diameter music wire
- ~ 55 lbs minimum locking force
- 6 foot length

Specifications:

Travel (stroke): 4.0" maximum
Conduit (dual wire controls): 0.188 in OD Teflon lined
Conduit (single wire controls): 0.25 in OD Teflon lined, Teflon jacket
Max Work Loads: Pull: ~25 lbs; Push: ~10 lbs*
Operating Temp: -65 to 450°F (knob/housing assembly: -65 to 250°F)
Panel Fitting: 1/2-20 UNF thread

*Push loads apply to controls with solid wire only and depend on wire diameter, length of wire not supported by conduit, geometry of wire rigging, and the actuator configuration.

Call us with your custom requirements!



MCTL1014D series MCTL2254D series
MCTL1034 series MCTL2254 series

Knob Style Suffix (-K)	Knob Style
-B	Ball
-F	Fluted
-P	4-Prong
-T	Shortened T-Handle
-FA	Fluted, engraved "Airbox Lock"
-FH	Fluted, engraved "Cabin Heat Lock"
-FL	Fluted, engraved "Lock"
-PL	4-Prong, engraved "Lock"
-TC	T-Handle, engraved "Choke Lock"
-TL	T-Handle, engraved "Lock"
	No knob

Universal Light-Weight Controls

- For use in non-certified aircraft applications such as carb heat, cabin heat, cabin air and defrost
- Keyed shaft prevents rotation and maintains knob alignment
- High quality brass and aluminum construction
- Teflon lined conduit for smooth, consistent control (Cheap controls with poly liners will not tolerate engine temperatures)
- Many knob styles available or provide your own knob with 10-32 thread
- Knobs are not included with the control, see page 30 for knob choices
- Available in 4,6,8,10 and 12 ft and custom lengths - Wire end - Easily trimmed to length
- Measured from panel fitting to end of conduit, wires extend at least 3" beyond conduit
- Available with optional creep resistant feature to prevent creep due to engine vibration

Standard Control: P/N MCU124-LLL (LLL = length in inches)

Control with creep resistant feature: P/N MCU224-LLL (LLL = length in inches)



Specifications:

Travel (stroke): 3.75" maximum*
Conduit: 0.188 inch OD Teflon lined
Max Work Loads: Pull: ~10 lbs; Push: ~5 lbs**
Operating Temp: -65 to 450°F
Inner Wire: 0.061 inch solid wire
Screw thread for knob attachment: 10-32 X .3
Screw thread for instrument panel: 3/8-24 X .5

*Installer must ensure maximum travel is not exceeded during installation and rigging of the control.

**Maximum push load with 3-1/2" of wire extending from the conduit. Push loads depend on wire diameter, length of wire not supported by conduit, geometry of the rigging and the actuator configuration.



Controls for Dual Carburetor 912/914 Series Rotax Engines

Allows a neat, clean installation without a clunky splitter box

- Quality metal construction
- High temperature Teflon lined conduit for smooth consistent control (Cheap controls with poly liners will not tolerate engine temperatures)
- Available in 4, 6, 8 and 12 foot and custom lengths - Easily trimmed to length
- Manufactured to the same quality standards as McFarlane's FAA-PMA parts
- Not for use on certified aircraft, or for flight controls or flight control trim tabs



Throttle Controls for 912/914 Series Rotax Engines

- Includes throttle hardware kit P/N 6408 with lightweight throttle return spring (P/N 6818) to prevent throttle creep (see page 28)
- Inner Wire: Heavy duty 0.062 inch diameter, flexible 1/16 1X7 stainless steel twisted wire
- Conduit: 0.188 inch OD Teflon lined for smooth consistent control
- Design work load: 10 lbs (pull only)
- Operating temp: -65 to 450°F

Panel Mount: P/N MCT100DLLL (LLL = length in inches. Add a "-B" for a ball knob)

- Super smooth friction lock
- Travel (stroke): 3.75" max
- Typical locking force: 1 to 10 lbs (locking force dependent on friction lock engagement)
- Panel fitting: 1/2-20 UNF thread
- Control length is measured from panel fitting to end of conduit, wires extend 6 inches beyond conduit.
- Two knob options (ball or standard barrel shape)



P/N 6408
Dual hardware throttle kit



P/N EC03
Standard style knob



P/N EC53
Ball style knob



Vernier-Assist™ Panel Mount:

P/N MCTV0005DLLL with knob or MCVA0005-30DLLL without knob¹ (LLL = length in inches)

- Travel (stroke): 3.5" max
- Typical locking force: 1 to 10 lbs (locking force dependent on friction lock engagement)
- Panel fitting: 3/4-16 UNF X 0.875 inch thread
- Control length is measured from panel fitting to end of conduit, wires extend 6 inches beyond conduit.
- See page 29 for additional details



A vernier without a release button!
See page 29



Quadrant Style: P/N MCQ100DLLL (LLL = length in inches)

- Includes convenient dual conduit clamp P/N 6433-1 for simple quadrant mounting
- Viton boot to dampen vibration and seal out dust on the quadrant end
- Travel (stroke): 4" max
- Pushrod thread (quadrant end): 10-32 UNF X 0.65 inch thread
- Control length equals the conduit length, wires extend a minimum of 6 inches beyond the conduit.



P/N 6433-1
Dual Conduit Clamp



¹ Requires a knob with 1/4-20 thread. See page 30 for available knob options.

Compression Tester Extension for Rotax Engines

Part Number EXTENSION CT12 (12mm thread)

- Wrench-free compression testing
- Allows for exhaust system and baffling clearance
- Makes compression testing easier



Manufactured by Baines Specialites LLC

To Order Call Goulet Aircraft Supply Ltd. @ 1-204-783-8512

Choke Controls for 912/914 Series Rotax Engines

- Includes two adjustable barrel stops P/N 6515 to attach to the carb choke arms (no swaging or soldering necessary)
- Inner Wire: Heavy duty 0.062 inch diameter, flexible 1/16 7X7 stainless steel twisted wire.
- Many knob styles available
- Conduit: 0.188 inch OD Teflon lined for smooth consistent control
- Design work load: 25 lbs (pull only)
- Operating temp: -65 to 450°F (knob housing assembly: -65 to 250°F)
- Control length is measured from panel fitting to end of conduit, wires extend 6 inches beyond conduit.



Turn-to-Lock: P/N MCTL1014DLLL-K (LLL = length in inches, K = Knob style - see page 30)

These controls feature a turn-to-lock mechanism that requires a quarter turn of the knob to lock or unlock the control at any position.

- Travel (stroke): 4.0" max
- Minimum locking force ~30 lbs
- Panel fitting: 1/2-20 UNF thread



Non-Locking: P/N MCC101DLLL-K (LLL = length in inches, K = Knob style - see table below)

Internal elastomer seal to dampen vibration and provide a small amount of resistance. If your choke installation features a return spring, this control will return to the closed position when released.

- Travel (stroke): 3.5" max
- Panel fitting: 7/16-20 X 1.3" UNF thread



Knob Style Suffix (-K)	Knob Style
-RB	Round, Black
-RC	Round, Clear (silver)
-RL	Round, Blue
-RR	Round, Red
-RBC	Round, Black, engraved with "Choke"
-RCC	Round, Clear (silver), engraved with "Choke"
-RLC	Round, Blue, engraved with "Choke"
-RRC	Round, Red, engraved with "Choke"



Throttle Return Spring

Stop throttle creep!

A common complaint about the Rotax 912/914 engines is that the throttle return springs are too strong. McFarlane now stocks an alternate spring so you can choose the one that fits your application the best. All McFarlane throttle controls for Rotax engines include the P/N 6822 spring. For use on non-certified aircraft.



Spring P/N	Relaxed Spring Length (max in)	Approx. Pre Load (lbf)	Spring Rate (lbf/in)
6822	1.6	1.5	2.1-2.7
Rotax Original	1.8 (approx.)	2.0	8-12 (approx.)

Throttle Hardware Kit for Rotax Engines

Dual Throttle Hardware Kit P/N 6408

Parts also available separately. For use on non-certified aircraft

Slip Fit Conduit Terminal P/N 6271

- M6x1 x 1.00 inch thread for easy adjustment
- Three installation options - (1) Slip on the conduit, (2) Secure to conduit with provided set screws, (3) Epoxy to conduit

Adjustable cable stops P/N 6270

Prevents damage to the carburetor from excessive pilot force at the idle-cutoff position. If needed, install cable stop assembly on control wire(s). Locate stop so that when carburetor is at full idle, the cable stop is against part number 6271 conduit terminal.

Alternate Carburetor Arm Return Spring P/N 6822

- Less than half the strength of the original stock Rotax springs
- Prevents throttle "creep" due to excessive return spring force
- Requires 1 per carburetor (2 per engine)
- Installer must determine whether this spring is appropriate for their application.

Kit contains:

- 2 each 6271 Slip Fit Conduit Terminal Assemblies
- 2 each 6270 Adjustable Cable Stop Assemblies
- 2 each 6822 Spring
- 1 each Hex Wrench



Conduit Terminal P/N 6424

May be used as a slip fit conduit terminal, or swaged or epoxied onto the conduit. Fits 0.188" diameter conduit. OD is 0.25".

- 2 per control
- Stainless Steel



Barrel Stop Assembly P/N 6515

- Attach to the carburetor choke arm
 - No swaging or soldering necessary
 - Accepts 1/16" wire
- For MCTL1014D series Turn-to-Lock Choke Controls and MCC101D series Non-Locking Choke Controls.



Vernier-Assist™ Engine Controls

Precision Control

New roller action vernier provides smooth jam-proof coarse and fine adjustment without a release button. (US Pat. No. 8,485,057)

- Light weight and compact behind the dash
- Safer - Our roller action cannot jam!
- Not for use on certified aircraft

Call us with your unique requirements!

MCMV Mixture Series

Vernier action with only a 3/8" panel hole!

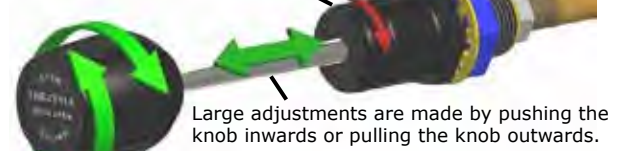


Fine adjustments are made by rotating the knob clockwise or counterclockwise. The McFarlane **Vernier-Assist™** controls use a patented roller action and do not use a positive lock thread engagement. For extreme conduit routing or heavy carburetor load installations, slight inward or outward assist pressure could be required during rotation.

MCTV Throttle Series

Vernier and friction lock - The best of both!

Tension and vernier action is increased by tightening the tension nut.



Alternate knobs available

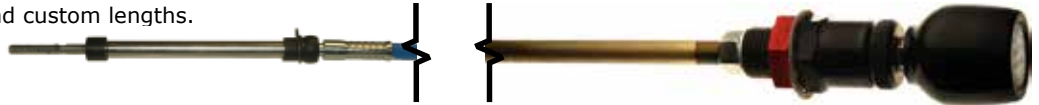
- All controls below are offered with or without a knob
- As as a propeller control use knob P/N 6730
- See page 30 for complete list of 1/4-20 thread knobs



Throttle Control with 10-32 threaded end:

P/N MCTV1035-**LLL** with knob or MCVA1035-20-**LLL** without knob¹ (**LLL** = length in inches)

- Available in 3, 4, 5, 6, 7, 8 foot and custom lengths.
- Vernier and friction lock
- Requires a 3/4" panel hole



Throttle Control with 1/4-28 threaded end:

P/N MCTV2035-**LLL** with knob or MCVA2035-20-**LLL** without knob¹ (**LLL** = length in inches)

- Available in 3, 4, 5, 6, 7, 8 foot and custom lengths.
- Vernier and friction lock
- Requires a 3/4" panel hole



Throttle Control with 5/64" diameter 1X7 twisted stainless wire end:

P/N MCTV3035-**LLL** with knob or MCVA3035-20-**LLL** without knob¹ (**LLL** = length in inches)

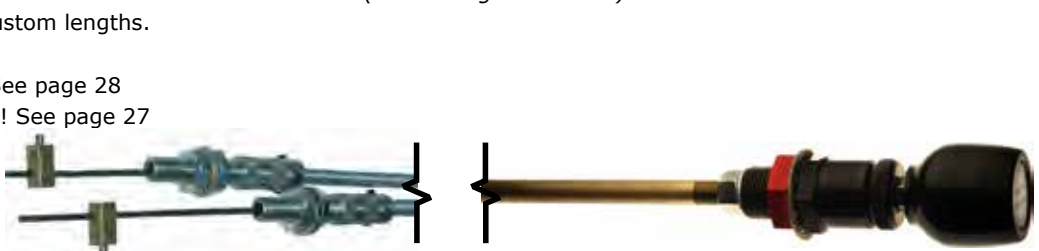
- Available in 4, 6, 8, 12 foot and custom lengths.
- Vernier and friction lock
- Includes P/N 6515 Barrel Stop assembly. See page 28
- Requires a 3/4" panel hole



Dual Throttle Control with 1/16" diameter 1X7 twisted stainless wire ends:

P/N MCTV0005**DLLL** with knob or MCVA0005-30**DLLL** without knob¹ (**LLL** = length in inches)

- Available in 4, 6, 8, 12 foot and custom lengths.
- Vernier and friction lock
- Includes P/N 6408 hardware kit. See page 28
- Perfect for Rotax 912/914 engines! See page 27
- Requires a 3/4" panel hole



Mixture Control with 0.061" diameter solid wire end:

P/N MCMV0241-**LLL** with knob or MCVA0241-03-**LLL** without knob¹ (**LLL** = length in inches)

- Available in 4, 6, and 10 foot lengths.
- May be trimmed to length
- Compact behind the dash
- Requires a 3/8" panel hole



¹ Requires a knob with 1/4-20 thread. See page 30 for available knob options.

Replacement Knobs for McFarlane Push-Pull Controls

Parts used on FAA-PMA approved controls are FAA-PMA approved. All other parts are non FAA-PMA approved.

Knobs:

Part Number	Description	Thread	Color	Marking	Use Eligibility
6277B ¹	Round powder coated aluminum	10-32	Black		MCC101D and MCU series controls
6277C ¹	Round anodized aluminum	10-32	Clear (silver)		MCC101D and MCU series controls
6277L ¹	Round powder coated aluminum	10-32	Blue		MCC101D and MCU series controls
6277R ¹	Round powder coated aluminum	10-32	Red		MCC101D and MCU series controls
6307-BK	Round powder coated aluminum	10-32	Black		MCU series controls
6307-RD	Round powder coated aluminum	10-32	Red		MCU series controls
6417	T-Handle	1/4-20	Black		MCTL series controls
6417R	T-Handle	1/4-20	Red		MCTL series controls
6418	T-Handle	1/4-20	Black	"Lock" w/arrows	MCTL series controls
6427	4 Prong	1/4-20	Black		MCTL series controls
6428	4 Prong	1/4-20	Black	"Lock" w/arrows	MCTL series controls
6429	Fluted	1/4-20	Black		MCTL series controls
6430	Fluted	1/4-20	Black	"Lock" w/arrows	MCTL series controls
6432	Shortened T-Handle	1-4-20	Black		MCTL series controls
6489B ¹	Square powder coated aluminum	10-32	Black		MCU series controls
6489C ¹	Square anodized aluminum	10-32	Clear (silver)		MCU series controls
6489L ¹	Square powder coated aluminum	10-32	Blue		MCU series controls
6489R ¹	Square powder coated aluminum	10-32	Red		MCU series controls
6495-01B	Phenolic	10-32	Black		MCU series controls
6495-02B	Phenolic	10-32	Black		MCU series controls
6495-03B	Phenolic	10-32	Black		MCU series controls
6495-04B	Phenolic	10-32	Black		MCU series controls
6512B	Triangle powder coated aluminum	10-32	Black		MCU series controls
6512C	Triangle anodized aluminum	10-32	Clear (silver)		MCU series controls
6512L	Triangle powder coated aluminum	10-32	Blue		MCU series controls
6512R	Triangle powder coated aluminum	10-32	Red		MCU series controls
6570	Vernier-Assist Mixture	1/4-20	Red		Vernier-Assist Mixture series controls
6620	Vernier-Assist Throttle	1/4-20	Black		Vernier-Assist Throttle series controls
6660	T-Handle	1/4-20	Black	Choke Lock	MCTL series controls
6661	Fluted	1/4-20	Black	Cabin Heat Lock	MCTL series controls
6662	Fluted	1/4-20	Black	Airbox Lock	MCTL series controls
6730	Vernier-Assist Propeller	1/4-20	Blue		Vernier-Assist series controls
EC03	Black Knob	1/4-20	Black		Throttle controls
EC53	Black Ball Knob	1/4-20	Black		P/N MC12693-04 or MC455-139, MCT100D, MCTL and MCC101D series controls
EC125-1	2" Hemisphere	1/4-20	Black		
MC471-060	Round, Phenolic	10-32	Black		Piper Cabin Environment Controls
MC471-053	Round, Phenolic	10-32	Red		Piper Mixture Controls
MC471-052	Round, Phenolic	10-32	Ivory		Piper Cabin Environment and Carb Heat Controls
MC471-084	Round, Phenolic	10-32	Black		Piper Carb Heat Controls
MC571-131	Round, Phenolic	10-32	Clear (Silver)		Piper Cabin Environment and Carb Heat Controls
Knob Adapter	Adapts the McFarlane throttle control to the early hemisphere style knobs. Inner thread size is 1/4-20. Outer thread size is 1/4-28.				

¹ See Knob Options table below for Color and Marking Codes

Knob Options

Color Code	Primary Marking Code (Secondary)
B-Black	A-CABIN AIR only on 6277 series knobs (PULL ON)
C-Clear (Silver)	B-CARB HEAT only on 6489 series knobs (PULL ON)
L-Blue	C-CHOKE use on 6277 series knobs
R-Red	D-DEFROST only on 6277 series knobs (PULL ON)
	H-CABIN HEAT only on 6277 series knobs (PULL ON)
	P-PARK BRAKE only on 6277 series knobs (PULL ON)

Custom engraved knobs are available for a small additional fee. Call for details.

Knob Jam Nuts and Lock Washers

Part Number	Description	Use Eligibility
EC33	1/4-20 Jam Nut	MCTL Series Controls Throttle controls using 1/4-20 threaded fittings (except p/n MC12693-04 & MC455-139)
MS35650-304	10-32 Jam Nut	MCC101D series controls
MS35333-40	1/4" Steel Lock Washer	MCTL and MCC101D Series Controls

Decals

Part Number	Description	Use Eligibility
6289	Carb Heat Decal	Piper Carb Heat Controls

Examples of marked knobs



Replacement Parts for McFarlane Push-Pull Controls

Parts used on FAA-PMA approved controls are FAA-PMA approved. All other parts are non FAA-PMA approved.

Boots: Fuel, oil and temperature resistant, keeps trash out of the control and dampens vibration.

Part Number	Description	Use Eligibility
235	3/16" Pushrod Boot	Controls with a 3/16" pushrod
272	1/4" Pushrod Boot	Controls with a 1/4" pushrod
EC04	Swivel Boot	Controls employing a swivel joint

Retaining Nuts and Lock Washers: The retaining nut threads onto the threaded section of the control on the back side of the instrument panel to secure the control.

Part Number	Description	Use Eligibility
6060-8	1/2-20 Retaining Nut	Throttle controls using 1/2-20 threaded fittings
EC111	1/2" Lock Washer	Throttle controls using 1/2" threaded fittings
MS35333-44	Same as EC111	
6060-12	3/4-16 Retaining Nut	Throttle controls using 3/4-16 threaded fittings
EC112	3/4" Lock Washer	Throttle controls using 3/4" threaded fittings
MS35333-47	Same as EC112	
6196	3/8-24 Jam Nut	Cessna carb heat controls
6197	3/8" Lock Washer	Cessna carb heat controls
6133	7/16-20 Retaining Nut	Throttle controls using 7/16-20 threaded fittings
6260	7/16-20 Retaining Nut, Modified	MC6350 Dual Push-to-Unlock controls
EC38	7/16" Lock Washer	
EC61	3/8" Lock Washer	P/N MC12693-04 or MC455-139
EC62	3/8-24 Retaining Nut	P/N MC12693-04 or MC455-139
EC65	Throttle Spacer Bushing	P/N MC12693-04 or MC455-139
EC119	3/4-16 Retaining Nut Extended Nut	McFarlane vernier controls using 3/4-16 threaded fittings

Threaded Wear Sleeve Nuts and Lock Washers: Threaded wear sleeves are used on many McFarlane controls to secure the control to the firewall and/or mounting brackets.

Part Number	Description	Use Eligibility
EC38	7/16" Lock Washer	MC565-548 series controls
EC70	12M x 1.25 Jam Nut	MC565 series controls
EC72	12mm Lock Washer	MC565 series controls

Spring

Part Number	Description	Use Eligibility
6822	Spring, Throttle	Alternate carburetor arm return spring for dual carburetor 912/914 series Rotax engines. Less than half the strength of the original stock Rotax springs. Prevents throttle "creep" due to excessive return spring force. Requires 1 per carburetor (2 per engine) See page 28

Adjustable Friction Lock Service Kits

Part Number	Description	Use Eligibility
EC12SK	Friction Packing Service Kit	Throttle controls using a 1/2" friction nut
EC312SK	Friction Packing Service Kit	Throttle controls using a 9/16" friction nut

Miscellaneous

Part Number	Description	Use Eligibility
6135	1/8 " Ball Bearing, sold in 5 packs.	Replaces the ball bearing used in the locking mechanism for the MC6150, MC6250 and MC6350 series Push-to-Unlock controls.
6290-06-12K	Panel Hole Reducer 0.375 X 0.75	Includes a flat washer. Not for use on certified aircraft.
6290-08-12K	Panel Hole Reducer 0.50 X 0.75	Includes a flat washer. Not for use on certified aircraft.
6409	Allen Wrench	MCTL series controls
6415	Panel Bolt, Turn-to-Lock	MCTL series controls
6416	Pin, Turn-to-Lock	MCTL series controls
6420	Ferrule, Turn-to-Lock, Brass	MCTL series controls
6423	Ferrule, Turn-to-Lock, Nylon	MCTL series controls
6424	Conduit Terminal	Rotax Choke Controls
6433-1	Conduit Clamp	MCQ100 series controls
6515	Barrel Stop Assembly	MCC101D and MCTL series controls
EC02	1/2" Friction Adjust Wheel	Throttle controls using a 1/2" friction adjust wheel
EC89	Wedge Washer	One used on each side of the instrument panel to angle a control (approx 6.5°) to avoid interference behind the panel. 9/16" ID, sold in pairs.
EC98	9/16" Friction Adjust Wheel	Throttle controls using a 9/16" friction adjust wheel
M83248/1-006	O-ring	MCC101D series controls

Conduit Clamps

Standard (AN742 Series)

MIL-SPEC standard clamps.

Extra Grip (6317 Series)

Similar to standard AN742 clamps, but include a detent groove for better grip on coiled wire conduit.

Cushioned CJ Type MIL-Spec (MS21919WCJ Series)

Adel clamps for high temp application. (See page 44)



AN742 Series



6317 Series



MS21919 Series

Part Number	Material	Approximate Conduit Diameter
6317-3	Steel	3/16"
6317-4	Steel	1/4"
6317D3	Aluminum	3/16"
6317D4	Aluminum	1/4"
AN742-3	Steel	3/16"
AN742-4	Steel	1/4"
AN742D3	Aluminum	3/16"
AN742D4	Aluminum	1/4"

McFarlane recommends using steel clamps near the engine or exhaust instead of aluminum clamps.



Control Arms, Shafts and Bearing Housings for Cessna Carb Heat Boxes

Unique Elastomer Bearing Replaces Needle Bearing

McFarlane's elastomer bearing is assembled with tension between the mating surfaces. This tension prevents micro-movement and its related metal erosion. The bearing contact area that transfers vibration motion from the heat box to the butterfly shaft is hundreds of times greater than that of the original needle bearing. This large surface effectively prevents localized metal erosion.

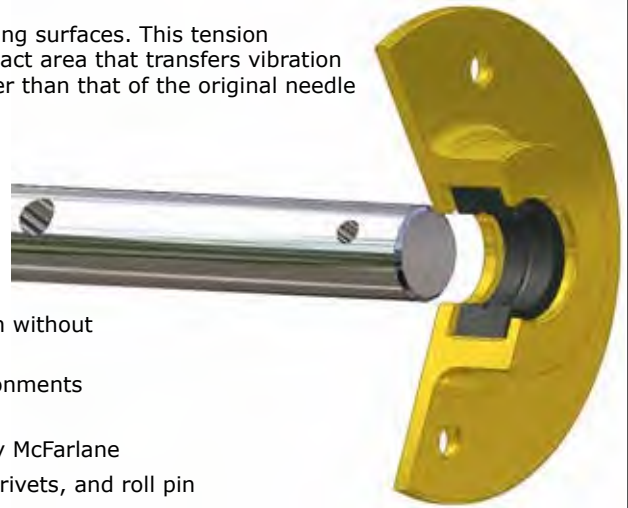
- Absorbs shaft and butterfly vibration
- Eliminates needle bearing failures
- Increases service life of **all** components
- Direct replacement for original parts

Proven Design

- Tested to over 700,000 cycles while exposed to avgas, heat and vibration without any change in performance
- Extremely rugged and wear resistant in high temperature and fuel environments

Convenient

- Discontinued part numbers through the factory are now manufactured by McFarlane
- Also available in kits containing the shaft, arm, bearing housings, monel rivets, and roll pin



Model	Serial Number	Shaft P/N	Arm P/N	Roll Pin P/N ¹	Rivet P/N	Bearing Housing P/N	Kit P/N
152	15279406 thru 15286033	MC0450068-2	MCS2280-8-00	NASM16562-17	MS20615-4M9	MC0750113-1	CCH-KT-1
A152	A1520735 thru A1521049	MC0450068-2	MCS2280-8-00	NASM16562-17	MS20615-4M9	MC0750113-1	CCH-KT-1
F152	F15201429 thru F15201980	MC0450068-2	MCS2280-8-00	NASM16562-17	MS20615-4M9	MC0750113-1	CCH-KT-1
FA152	FA1520337 thru FA1520425	MC0450068-2	MCS2280-8-00	NASM16562-17	MS20615-4M9	MC0750113-1	CCH-KT-1
172B,C	17247747 thru 17249544	MC0550180-16	²	²	MS20615-4M9	MC0750113-1	CCH-KT-2
172D,E,F,G	17249545 thru 17254892	MC0550180-28	²	²	MS20615-4M9	MC0750113-1	CCH-KT-3
F172D,E,F,G	F172-0001 thru F172-0319	MC0550180-28	²	²	MS20615-4M9	MC0750113-1	CCH-KT-3
172H,I,K,L,M,N,P	17254893 thru 17276673	MC0550180-16	²	²	MS20615-4M9	MC0750113-1	CCH-KT-2
F172H,K,L,M,N,P	F172-0320 thru F17202254	MC0550180-16	²	²	MS20615-4M9	MC0750113-1	CCH-KT-2
172Q	17275869 thru 17276516	MC0509068-6	MC0750111-19	NASM16562-17	MS20615-4M9	MC0750113-3	CCH-KT-4
P172	17257120 thru 17257188	Not Available	Not Available	Not Available	MS20615-4M9	MC0750113-1	N/A
175, 175A	55001 thru 56777	MC0750133-8	MC0750111-19	NASM16562-17	MS20615-4M9	MC0750113-3	CCH-KT-5
175B,C	17556778 thru 17557119	Not Available	Not Available	Not Available	MS20615-4M9	MC0750113-1	N/A
177	17700001 thru 17701164	Not Available	Not Available	Not Available	MS20615-4M9	MC0750113-3	N/A
177A,B	17701165 thru 17702752	MC1752078-4	MC0750111-19	NASM16562-16	MS20615-4M9	N/A	N/A
180 ¹	30000 thru 32150	MC0750112	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-7
180 ¹ , 180A,B	32151 thru 50661	MC0750126-19	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-3	CCH-KT-8
180C,D,E,F,G,H,J,K	50662 thru 18053203	MC0750133-8	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-9
182, 182A,B,C,D,E,F,G,H	33000 thru 18268615	MC0750133-8	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-9
182J,K,L,M,N,P,Q,R	33000 thru 18268615	MC0750133-8	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-9
F182P,Q	F18200001 thru F18200169	MC0750133-8	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-9
R182	R18200001 thru R18202041	Not Available	MCS2280-3-157	NASM16562-205	MS20615-4M9	MC0750113-1	N/A
FR182	FR18200001 thru FR18200070	Not Available	MCS2280-3-157	NASM16562-205	MS20615-4M9	MC0750113-1	N/A
185, 185A,B,C,D,E/A185E ¹	185-0001 thru 185-1300	MC0750173-3	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-10
A185E ¹	185-1301 thru 18501832	MC0750173-4	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-11
188	188-0001 thru 18802348	MC0750133-8	MC0750111-19	NASM16562-16	MS20615-4M9	MC0750113-1	CCH-KT-9

¹ Partial model eligibility

² The control arm is integral with the shaft.

³ Attach shaft to arm with the specified roll pin

New Vibration Absorbing Bearings!

Costs less!

Lasts 10 times longer!



Avglas™ STC Repair Kit for Continental Carburetor Heat Boxes

New hardened stainless steel bearing for improved vibration resistance and longer life!

FAA-PMA/STC Kits include:

- Replacement shaft, arm and detent spring assembly
- Bearings
- Bearing housing
- Locknut and washer
- Complete instructions

Engine Model	Continental Airbox P/N	Avglas P/N
C-75	50256	FG-100
C-85	50256	FG-100
C-90	50256	FG-100
O-200	628122, 653675, 641534	FG-100
O-300	530852, 531143	FG-105

Note: Avglas repair kits are only applicable to aircraft equipped with the specified continental airbox.

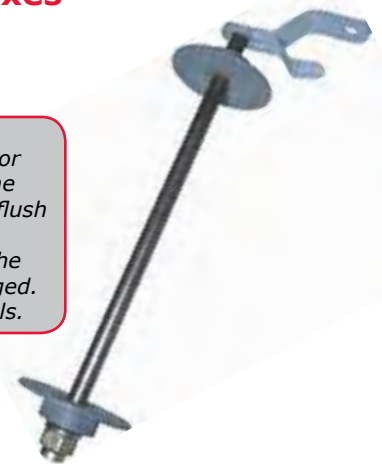
Spring Service Kit P/N FG-SK-1

Eligible for installation on P/N FG-100 and FG-105.

Service kit contains (1) FG102S Spring and (2) MS20613-3-P3 Rivets

Installation:

The butterfly (not included in kit) must be brazed or tack welded to the shaft during installation, and the bearing housings must be brazed, tack welded or flush riveted to the carburetor heat box. Avoid applying excessive heat during brazing or tack welding or the heat treated stainless steel bearing may be damaged. See the installation instructions for complete details.



SAFE-HEET Silicone Pad Aircraft Engine Heaters

Easy to Use

- Permanent installation, thin flexible pad bonds to engine oil sump.
- STC or 337 form not required (log book entry only).
- No engine or airframe modifications required.
- Kit contains instructions and materials.
- Uses standard 110V AC.
- Can be used with a timer.

**Ground fault protected
for improved safety!**

Economical and Efficient

- Puts the heat where it is needed with little loss to the surrounding atmosphere.
- Heats the air inside the engine.
- Uses about 300 Watts. Costs about 3 cents per hour to operate.
- Less than 1 hour will generally warm the engine oil from subzero to a safe easy starting temperature.
- Entire engine will be warm in 2 to 3 hours.
- Metal foil heatsink is vulcanized to pad contact face for even heat transfer.
- Thermo-conductive adhesive for efficient heat transfer and lower surface temperatures.
- Reduces costly starter and engine abuse during cold weather starts.

Safe

- UL recognized components. 100% thermo-fused element.
- External ground wire allows the engine and airframe to be grounded to the electrical outlet, reducing the risk of electrical shock in damp outdoor locations.
- Thermostatically controlled to maintain oil sump temperature less than 160°F.
- No flame or hot air to burn cowling or plastic parts.
- Reduces the risk of fires associated with cold starts.
- Ground Fault Circuit Interrupter (GFCI) included to reduce the risk of electrical shock and power surge damage.

Installation Tip:

SAFE-HEET engine heaters are installed with a two-part adhesive. The engine heater can be installed quickly and easily by using the 707 temperature controller at half power. At temperatures below 70°F the temperature controller must be used to ensure proper adhesive cure. Proper adhesive cure is essential to full service life of the heater.



Eligibility for SAFE-HEET Engine Heaters

Model Series	P/N
Teledyne Continental Aircraft Engines	
A65, A75, C-75, C-85, C-90, O200	705
C-125, C-145, O-300, GO-300, E165, E185, E225, IO-360, TIO-360, LTSIO-360	700
O-470, IO-470, LIO-470, FSO-470, TSIO-470, GIO-470, IO-520, GTSIO-520, LTSIO-520, IO-550	720E
Textron Lycoming Aircraft Engines	
O-235, O-290, O-320 (EXCEPT O-320-H), IO-320, AIO-320, LIO-320, AEIO-320, O-360, HO-360, LO-360, IO-360, HIO-360, AIO-360, LIO-360, LHIO-360, AEIO-360, VO-360, IVO-360, TIO-360, TO-360, TIO-360, LTO-360, O-435, GO-435, VO-435, GO-480, GSO-480, IGSO-480	700
O-540, VO-540, TVO-540, IO-540, HIO-540, AEIO-540, IGO-540, IGSO-540, IVO-540, TIO-540, LTIO-540, TIVO-540, IO-720	720E
Franklin Aircraft Engines	
6A4-150, 6A4-165	700 or 720

Notes:

- 1 Engine oil sump configurations may vary for specific engine models. There is insufficient oil sump or oil tank area and clearances as specified in the SAFE-HEET Installation Instructions for use of the SAFE-HEET engine heaters on some engine-airframe installations.
- 2 For dry sump engines, use SAFE-HEET pads on the oil tank. The installer must evaluate as per the SAFE-HEET Installation Instructions the available oil sump or oil tank area below the oil level for use of SAFE-HEET pads on all engine models.
- 3 Where the oil sump area is limited, Model 700 may be used. Specifically; 182RG Aircraft are equipped with an O-540 engine. Eligibility shows to use model 720 SAFE-HEET. We have found that there is a limited area to install the 720 model, and customers with a 182RG should use model 700 SAFE-HEET.

**Now with
surge
protection!**



SAFE-HEET P/N 700
4" X 4"



SAFE-HEET P/N 720
4" X 7"

Complete installation instructions can be found on our website: www.mcfarlaneaviation.com/safe-heet

To Order Call Goulet Aircraft Supply Ltd. @ 1-204-783-8512

Ground Fault Circuit Interrupter (GFCI)

Part Number 709SK

Included with every SAFE-HEET is a Ground Fault Circuit Interrupter. 709SK is used to protect the SAFE-HEET and engine from any ground fault (insulation failure) situation. The 600 Watt Ground Fault Circuit Interrupter will open the circuit if more than 5 mA is detected not returning through the GFCI. This prevents lethal electrical shocks to the operator and electrical arcing between the engine and the heat pad. Insulation failure of the heat pad could be caused by lightning, electrical surge or mechanical damage. In some situations arcing between the heat pad and the engine pan could cause oil leakage and subsequent engine failure. Each GFCI is individually tested.



McFarlane's GFCI and Variable Temperature Controller may be used with other brand engine heaters.

Variable Temperature Controller

Part Number 707

Makes installation fast and easy!

SAFE-HEET engine heaters can be plugged into the controller to speed and improve engine heater installation. The controller allows the SAFE-HEET engine heater pad to cure the special thermo conductive adhesive using its own heat energy at a reduced rate. SAFE-HEET engine heaters can be installed during much colder temperatures using the 707 Temperature Controller.

The variable temperature controller can also be used for continuous engine heating. Lower temperature settings help prevent the internal engine corrosion normally associated with leaving heaters on at full power. The variable temperature controller allows the user to adjust the heat to best fit each unique situation.



Convenient SAFE-HEET Kits with Temperature Controller

Part Numbers 700KT, 720KT

Kits include a SAFE-HEET engine heater and a temperature controller. Use the temperature controller to make installation fast and easy!

The SwitchBox

P/N SBC-1000

The easiest, safest and most economical way to remotely control your engine preheater!

Turn on your engine pre-heater from any phone, iPad or Android device and be ready to fly in any temperature.

- Works great with SAFE-HEET and most other electric engine preheaters
- Remotely control any electrical device (see specs below)
- Control two devices (eg., A SAFE-HEET and a coffee pot)
- Simple to use with a phone call, text, or free iPhone/iPad/Android/Web app
- Custom timer up to 18 hours
- Security list for blocking unknown callers
- Includes 5 ft extended antenna with magnetic base



The SwitchBox is controlled via phone by calling or texting a unique phone number that is provided. To turn on a device that is plugged into the SwitchBox, simply call the number, letting it ring to voicemail then hang up. The same procedure is used to turn the device off. To turn device on, off, or to check status via text message/SMS, text the phone number with the appropriate commands.

The SwitchBox comes with an activation code for a T-Mobile account and phone number. SIM cards from other carriers may also be used. The account initially has a \$3.00 credit to be used for phone calls (free if you hang up as soon as voice mail picks up) and texts/SMS (\$.10 each). The balance of the pre-paid account expires every month and will need to be replenished.

Specifications:

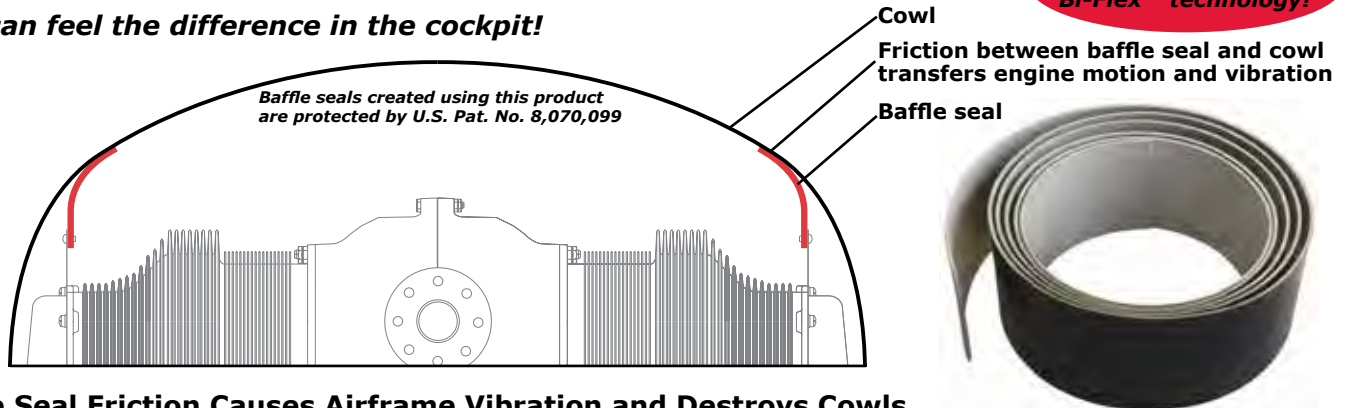
- 120V/60hz max power, handling 1500Watts/15Amps total
- T-Mobile preactivated
- FF and CE certified



Cowl Saver™ Baffle Seal Material

Reduce Airframe Vibration, Stop Cowl and Firewall Cracks

You can feel the difference in the cockpit!



Now also available with Bi-Flex™ technology!

Baffle Seal Friction Causes Airframe Vibration and Destroys Cowls

Typical silicone rubber baffle seals have a coefficient of friction among the highest of any known material. This friction transfers engine vibration into your cowl and firewall causing fastener fretting, fatigue, cracking, chaffing and airframe vibration.

Cowl Saver™ Baffle Seal Material has 30 Times Less Friction!

- One side is silicone and the other is a low friction Teflon surface unique to the patented **Cowl Saver™** baffle seal material.
- **Cowl Saver™** dramatically reduces the friction between your cowl and baffle seals.
- Half of the engine vibration you feel in the cockpit is from baffle seal transfer.

Low Friction Saves You Money!

- Reduces transfer of vibration to the engine cowl and airframe
- Minimizes cowl chaffing and erosion from baffle seals
- Extends baffle seal life
- Reduces expensive cowl and cowl fastener repairs
- Reduces fatigue and cracking in baffles, cowl skins and firewall
- The cowling even goes on easier!

Unbeatable Performance

- Ideal balance of flexibility and stiffness
- Fiberglass reinforced
- Meets industry standard AMS3320G
- McFarlane quality you can count on!

Bi-Flex™ Technology

The three inch rolls of Cowl Saver™ material are now also available with a precision laser engraved flex pattern to ensure an optimum flexibility/stiffness combination for maximum cooling and minimum friction. The flex pattern covers a little less than half of the width of the material.

See page 36 for more details.



Convenient Baffle Seal Repair Kits

Kit P/N BAFFLE-KIT-1

Qty	P/N	Description
1	CS085X3X108G	3 in X 108 in (9ft) Cowl Saver™
1	RIVET-KIT-2	Baffle Seal Retainer Strips
10	6036-012	Baffle Seal Rivet Kit

Best for small aircraft with straight baffle seals

Kit P/N BAFFLE-KIT-1BF with Bi-Flex™

1	CS085X3X108GBF	3 in X 108 in (9ft) Cowl Saver™ with Bi-Flex™
1	RIVET-KIT-2	Baffle Seal Retainer Strips
10	6036-012	Baffle Seal Rivet Kit

Best for small aircraft with straight baffle seals

Kit P/N BAFFLE-KIT-2

1	CS085X18X36G	18 in X 36 in (3ft) Cowl Saver™
2	RIVET-KIT-2	Baffle Seal Retainer Strips
20	6036-012	Baffle Seal Rivet Kit

Recommended for most aircraft. Allows fabrication of straight, curved or irregular shaped baffle seals.

Kit P/N BAFFLE-KIT-3

1	CS085X3X156G	3 in X 156 in (13ft) Cowl Saver™
1	RIVET-KIT-2	Baffle Seal Retainer Strips
14	6036-012	Baffle Seal Rivet Kit

Best for aircraft with straight baffle seals

Kit P/N BAFFLE-KIT-3BF with Bi-Flex™

1	CS085X3X156GBF	3 in X 156 in (13ft) Cowl Saver™ with Bi-Flex™
1	RIVET-KIT-2	Baffle Seal Retainer Strips
14	6036-012	Baffle Seal Rivet Kit

Best for aircraft with straight baffle seals

Cowl Saver™ Baffle Seal Material

Part Number	Thickness	Size
CS085X3G	.085 in	3 in wide, sold by the foot
CS085X18X36G	.085 in	18 in X 36 in (3 ft)
CS085X36X36G	.085 in	36 in X 36 in (3 ft)
CS085X3X108G	.085 in	3 in X 108 in (9 ft)
CS085X3X108GBF	.085 in	3 in X 108 in (9 ft) with Bi-Flex™
CS085X3X156G	.085 in	3 in X 156 in (13 ft)
CS085X3X156GBF	.085 in	3 in X 156 in (13 ft) with Bi-Flex™

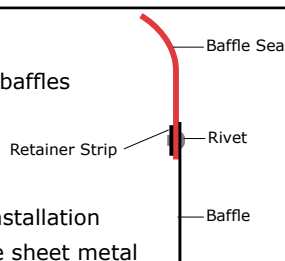
Color: Black/Gray

Baffle Seal Retainer Strip

Part Number 6036-012

Use as a retainer for riveting baffle seals to baffles

- .050 inch thick 6061-T6 aluminum
- Corrosion resistant
- Economical
- 7/16" X 12" strips - cut to length during installation
- Clamps better than washers or light gauge sheet metal



Baffle Seal Rivet Kit

Part Number RIVET-KIT-2

- Soft rivets that won't deform baffles
- Several sizes for various baffle thicknesses and hole sizes

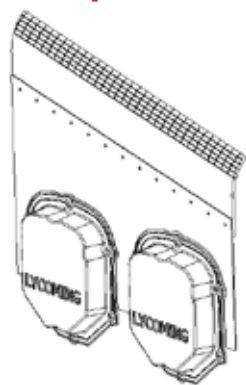
RIVET-KIT-2

Qty	Rivet P/N
100	MS20470A3-5
100	MS20470A4-5
100	MS20470A4-6

Rivets included are approximate



Customizable Flexibility for Optimal Cooling



Cowl Saver™ engine baffle seal material can be customized to be extremely flexible for a perfect seal where it contacts the cowl and rigid elsewhere to prevent the seal from blowing past the cowl contact line. With other baffle seal materials, you must compromise

and make a choice: either use material that is rigid enough to not blow past the cowl contact line, or use a material that is flexible enough to blend to the intricate contours of the engine cowl to ensure a good seal. Either choice results in less than optimal engine cooling. With Cowl Saver™ baffle seal material you no longer have to compromise.

Flexibility can be customized to only the areas of the baffle seal that you want it.

Cowl Saver™ material has a layer of black Teflon (clear for older material) bonded to a flexible reinforced silicone rubber base. In addition to low friction, the Teflon also gives the laminate the solid stiffness needed near the engine baffle to prevent the seal from blowing past the cowl contact line. This extra stiffness, however, is not always desirable in the area that the material seals against the contours of the cowl.

Where extra flexibility is needed to make a good air seal, the black Teflon layer can simply be scored in a cross hatch, diagonal or parallel line pattern.

With care, a normal razor blade may be used, or McFarlane **P/N TOOL120** may be used for more efficiency and greater control of cutting depth. Alternatively for relatively straight sections, three inch wide rolls of Cowl Saver™ material with **Bi-Flex™** technology may be used.

For Bi-Flex™ Material with a precision laser engraved flex pattern, see page 35.



**3 inch roll with Bi-Flex™
P/N CS085X3X108GBF**

The extreme bond of the Teflon layer is not affected by the scoring. The score line spacing and the extent of the score pattern control the amount of flexibility. The score line orientation and the type of pattern control the direction(s) of flexibility. Score patterns as small as 1/8 inch form little islands of friction free Teflon that has shown good durability while providing the extreme flexibility of soft silicone rubber. This customization can be performed when doing a new baffle seal installation or to perfect the fit and seal of an existing installation. As long as care is taken to just score the Teflon layer and as little of the silicone as possible (do not cut the fiberglass reinforcing layer), the material will still meet the original AMS3306 specification to which it was certified.

Cowl Saver™ Scoring Tool Customize Your Baffle Seal Flexibility for Optimal Cooling! P/N TOOL120



Only for use on the Teflon side of Cowl Saver™ baffle seal material

Customize Cowl Saver™ engine baffle seal material to be extremely flexible for a perfect seal where it contacts the cowl and rigid elsewhere to prevent the seal from blowing past the cowl contact line.

This unique tool has 3 circular razor blades spaced 0.16" apart and makes it fast and easy to score the stiffer outer layer of the Cowl Saver™ material where more flexibility is required. The spacers also precisely control the depth of the cuts to help prevent damage to the material.

- You control the amount of flexibility.
- Use on a new baffle seal installation or to perfect the fit and seal of an existing installation.
- Material still meets the original AMS3306 specification to which it was certified as long as the fiberglass reinforcing layer has not been cut.
- Replacement blade kit also available (P/N TOOL120-BKT)



Baffle Seals and Cowl Saver™ Kits for Cessna 172Q, R and S Models

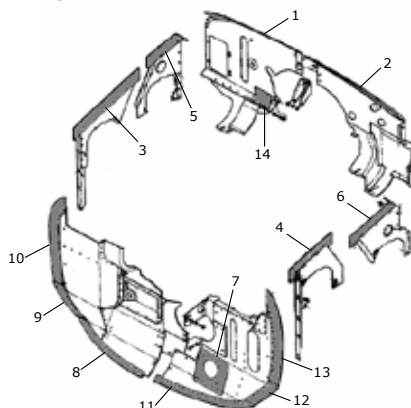
Reduce airframe vibration and stop cowl and firewall cracks with a complete Cowl Saver™ kit!

U.S. Patent No. 8,070,099

- Cut to fit. Saves time.
- Low friction for reduced transfer of engine vibration
- Kit includes all required baffle seals, MS20470A4-5 soft rivets, and McFarlane P/N 6036-012 retainer strips.
- Individual baffle seals also available

FAA-PMA Approved!

Save!



Now with Bi-Flex™ Technology!

Precision laser engraved flex pattern ensures optimum flexibility/stiffness combination for maximum cooling and minimum friction.



Part Number	Idx	Aircraft	Location
BSC-KT-1		172R, S	Baffle Seal Kit
MC0509069-4	1	172R, S	RT AFT
MC0509070-4	2	172Q,R,S	LT AFT
MC0509071-2	3	172Q,R,S	CYL 1 RT FWD
MC0509072-4	4	172Q,R,S	CYL 2 LT FWD
MC0509073-6	5	172R,S	CYL 3 RT AFT
MC0509074-2	6	172Q,R,S	CYL 4 LT AFT
MC0509079-2	7	172R,S	AIR INTAKE FOR HEAT MUFF
MC0555250-17	8	172R,S	FWD RT LWR
MC0555250-18	9	172R,S	FWD RT MID
MC0555250-19	10	172R,S	FWD RT UPR
MC0555259-25	11	172R,S	FWD LT LWR
MC0555259-26	12	172R,S	FWD LT MID
MC0555259-27	13	172R,S	FWD LT UPR
MC2455076-1	14	172R,S	RT AFT SUB PANEL

Complete Engine Baffle Kits

Keep your engine cool with new baffle kits!

Airforms is the premier manufacturer of FAA-PMA replacement baffle kits for Cessna, Piper and the Beechcraft Baron.

- 6061-T6 aluminum with black high temperature fiberglass reinforced silicone seals pre-installed (orange or blue seals available as special order for an extra charge)
- Bare aluminum or gray powder coat finish
- Individually interchangeable with factory baffles

Many Improvements:

- Stainless steel brackets where needed
- Hard rivet construction
- 1/2" back plates to secure seals
- Improved fit

See eligibility in the Airforms section on pages 185-194



New!

PROP GUARD

Part Number FP1001 for two blades (65")

Part Number CS1002 for three blades (92")

Anti-abrasion Boot for your metal propeller!

It is more economical to protect your propeller blades with PROP GUARD than to continually file, dress, paint and balance your blades until they have to be replaced. Water, sand, rock, and airborne abrasives are constantly eroding your propeller. As the name suggests, this product can eliminate this destructive process. Virtually all propeller blade failures start as leading edge nicks.

- PROP GUARD is a .014" thick clear anti-abrasion boot that is bonded to the leading edge of the propeller
- PROP GUARD is made from a special high strength heat processed polymer engineered for centrifugal loads. It's NOT just a piece of tape!
- Easy to install (approximately 20 minutes installation time)
- No performance loss
- Fully tested
- Repairable
- FAA-PMA/STC approved (minor alteration, no form 337 required)

Kit contains:

PROP GUARD boot for a two or three bladed propeller, adhesion accelerator, placard, lint-free cotton cloth, complete installation instructions and a copy of the STC.

Repair Kits

Part Number PG-KT-R12 for 12 inches of material

Part Number PG-KT-R24 for 24 inches of material

Two new convenient repair kits are also now available to allow repair of existing PROP GUARD installations. Each repair kit includes a short length of PROP GUARD boot material, adhesion accelerator, lint-free cotton cloth, a spreader, and complete installation instructions.

PROP GUARD Installation Tool

Saves time and makes installation easier!

Part Number TOOL125

This rubber coated roller makes working air bubbles out during installation easier than using the spatula included with the PROP GUARD kits. The rubber conforms to the shape of the propeller, and the rolling action allows you to press harder to eliminate small air bubbles. It is recommended for customers who may be installing more than one PROP GUARD or those who just want to make the job faster and easier.



Cowl Attach Plates and Bushings for Piper Aircraft

Part Numbers MC69790-00 Bushing with MC 484-840 Retaining Ring

MC69791-000 Plate (Includes Bushing and Retaining Ring)

New bushing material. Stronger and Tougher!

- High temperature stainless steel plates and retaining ring.
- Bushing is made from high temperature/high strength thermoplastic that lasts longer than original Nylon and Teflon bushing materials!
- Save up to 50%
- Each component sold separately

Model Series	Serial Numbers
PA-28-150	28-1761 and On
PA-28-160	28-1761 and On
PA-28-180	28-1761 and On
PA-28-181	28-7690001 and On
PA-28-235	28-10003 and On
PA-28R-180	28-30005 and On
PA-28R-200	28-35001 and On

Model Series	Serial Numbers
PA-28R-201	All
PA-28RT-201	All
PA-32-260	All
PA-32-300	All
PA-32R-300	All
PA-32RT-300	All



Retaining Ring

Bushing

Plate with Bushing and Retaining Ring

Intake Hose Heat Deflector Shields for Cessna Aircraft with Teledyne Continental Six Cylinder Engines

Improved Design!

Part Number MC0750143-1

- Vibration dampened to prevent cracking
- Polished stainless steel for better heat control
- Much better and 1/2 the price!



Unique vibration dampening material

Aircraft Model	Serial Number
175, A,B,C	56083 thru 17557119
P172	P17257120 thru P17257188
180, A,B,C,D,E,F,G,H,J,K	30000 thru 18053203
182, A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R	33000 thru 18268615
F182P,Q	F18200001 thru F18200169
A182J,K,L,M,N	A182-0001 thru A182-0148
T182	18267716 thru 18268615
185, A,B,C,D,E/A185E,F	185-0001 thru 18504448
188, A,B/A188A,B	188-0001 thru 18803968T
T188C	T18803297T thru T18803968T
210-5 (205), 210-5A (205A)	205-0001 thru 205-0577
206	206-0001 thru 206-0275
U206, A,B,C,D,E,F,G	U206-0276 thru U20607020
P206, A,B,C,D,E/TP206A,B,C,D,E	P206-0001 thru P20600647
TU206A,B,C,D,E,F,G	U206-0438 thru U20607020
207, A/T207,A	20700001 thru 20700788
210, A,B,C,D,E,F,G,H,J,K,L,M,N,R	57001 thru 21065009
T210K,L,M,N,R	
P210N,R	P21000001 thru P21000874
T210G,H,J	T210-0198 thru T210-0454

Partial model eligibility
McFarlane P/N MC0750143-1 replaces Cessna Part Number 0750121, 0750121-1, 0750121-2, 0750143-2 and 0750143-3.

Intercylinder Baffles for Cessna Aircraft with Teledyne Continental Six Cylinder Engines

- Replace worn baffles to maintain optimum engine cooling
- Maximum engine life
- Australian PMA approved



SAVE!

Manufactured by Aircraft Engineering & Maintenance Services

Model	Serial Number	ASP135-103	ASP135-104	ASP833-105	ASP834-101	ASP834-102
180	32151 thru 32661	2	2	4		
180A,B,C,D,E	32662 thru 18051183	2	1	4		
180F,G,H,J,K	18051184 thru 18018053203	3	2	4		
182	33000 thru 33482	2	2	4		
182A,B,C,D,E	33483 thru 18254423	2	1	4		
182F,G,H,J,K,L,M,N,P	18254424 thru 18262465	1	1	4		
182P,Q,R	18262466 thru 18268615	2	2	4		
A185F	All			4		
188, 188A,B	188-0001 thru 18802348	2	2	4		
A188, A188A,B	188-0001 thru 18803968T	2	2	4		
T188C	T18803297T thru T18803698T	2	2	4		
210-5 (205), 210-5A (205A)	205-0001 thru 205-0577	1	2	4		
206, U206, U206A,B,C,D,E,F,G	206-0001 thru U20607020	2	2	4		
P206, P206A,B,C,D,E	P206-0001 thru P20600647	2	2	4		
207, 207A	20700001 thru 20700788	2	2	4		
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R	57001 thru 21065009	2	2	4		
310, 310A,B,C,D,E,F,G,H,I,J,K,L,N	35000 thru 310N0198	2	2	4		
T310R	All			4		
320, 320A,B,C	320-0001 thru 320C0073	2		4		
320D,E,F	320D0001 thru 320F0045			4	6	2
335	335-0001 thru 335-0065			4	6	2
340, 340A	340-0001 thru 340A1817			4	6	2
401, 401A,B	401-0001 thru 401B0300			4	6	2
402, 402A,B,C	402-0001 and On			4	6	2
414, 414A	414-0001 and On			4	6	2

Partial model eligibility
Part number ASP135-103 replaces Cessna part number 0750135-3
Part number ASP135-104 replaces Cessna part number 0750135-4 and 0750135-8
Part number ASP833-105 replaces Cessna part number 0750135-1 and 0851833-1
Part number ASP834-101 replaces Cessna part number 0851834-1
Part number ASP834-105 replaces Cessna part number 0851834-2

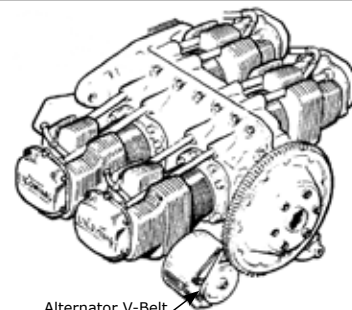
Alternator V-Belt for Piper Aircraft

Finally an approved belt at an affordable price!

Part Number MC73965-015

- High quality manufacture
- Direct replacement for P/Ns 10069-806, 452-541, 564-852, 73965-015 and 73965-15
- Save \$\$

Model	Serial Number
PA-28-151	All
PA-28-161	28-7716001 thru 28-8616057
PA-28-161	2816001 thru 2816119
PA-28-181	28-7690001 thru 28-8690062
PA-28-181	2890001 thru 2890231
PA-28-236	28-7911001 thru 28-8611008
PA-28R-201	2837001 thru 2837061
PA-28R-201	28R-7737002 thru 28R-7837317
PA-28R-201T	2803001 thru 2803012
PA-28R-201T	28R-7703001 thru 28R-7803373
PA-28RT-201	28R-7918001 thru 28R-8218026
PA-28RT-201T	2831001 thru 2831038
PA-28RT-201T	28R-7931001 thru 28R-8631005
PA-32RT-300	32R-7885002 thru 32R-7985106
PA-32RT-300T	32R-7787001 thru 32R-7987126



Alternator V-Belt



AERO-Classics Oil Coolers

FAA-PMA Approved

- Direct replacements for most oil coolers
- Ideal for many certified and experimental aircraft
- FAA 8130-3 tags included with each oil cooler

*The best for
a lot less!*



Replaces Stewart Warner P/N 8406R

Outstanding Performance

In side-by-side comparative performance tests, AERO-Classics 7 and 9 plate oil coolers outclassed competitive models, offering better overall cooling and lower weight.

Direct Replacements for Stewart Warner Oil Coolers

- HE Series High Efficiency Coolers
- FAA-PMA direct replacement for Stewart Warner (Meggitt) oil coolers
- Match or outperform the original
- Save \$\$

Don't be fooled by Stewart Warner oil coolers available from many aviation suppliers. Even though its the same part number and manufacturer, if it didn't come from the aircraft manufacturer or say FAA-PMA, then it is not FAA approved.

Highest Quality, Best Value

- Corrosion Protection per MIL-C-5541, Class 1A
- Optimized internal oil flow design
- Low cost
- In-stock for fast delivery
- Pressure tested to 400 psig
- Light-weight
- Two year warranty

Engine Mount Oil Coolers for Continental Engines



Front Mount, 12 Bolt Non
Congealing Oil Cooler
P/N 8000307



Rear Mount
Oil Cooler
P/N 8000464



Front Mount,
8 Bolt Oil Cooler
P/N 8000934



P/N 654117



P/N 652079



P/N 649964

Part Number	Description	FAA Approved Replacement for	Eligible Engine Models	Gaskets (not included with oil cooler)
Front-Mount, 8 Bolt Oil Coolers				
8000925		Continental 627392, Niagara 20585A	O-470-A,B,E,G,J,K,L,M,P,R,S,U IO-470- C,D,E,F,G,H,J,K,L,M,N,P,R,S,U,V	654117 649964 (plate)
8000934		Continental 646880, Niagara 20591A	IO-360-A,AB,C,CB,D,DB,G,GB,H,HB,HB9,J,JB,K,KB,ES TSIO-360-A,AB,B,C,CB,D,DB,E,F,GB,H,JB,KB,LB,MB L/TSIO-360-E,EB,F,FB,GB,H,HB,JB,KB,LB,MB,RB	654117, 649964 (plate)
Front-Mount, 12 Bolt Congealing Oil Coolers				
8000683	Non-7th Stud	Continental 626189, Niagara 20573A	O-470-B,J,K,L,M,R,IO-470-D,F,L,M,S IO-520-A,D,E,F,J,K,L, L/TSIO-520-AE, O-550-D	654553 649964 (plate)
8000687	7th Stud	Continental 652671, Niagara 20440A	IO-520-A,D,E,F,J,K,L, L/TSIO-520-AE, IO-550-D	654555, 649964 (plate)
Front-Mount, 12 Bolt Non Congealing Oil Coolers				
8000545	10" Universal 7th Stud	Continental 639171, Niagara 20795A Continental 654595, Niagara 20617A	O-470-R,S,U, IO-520-A,D,E,F,J,K,L TSIO-520-C,G,H,M,P,R,T,AF,CE, IO550-D,E,F,L	654554 652079 (plate)
8000319	11" Universal 7th Stud	Continental 639151, Niagara 20446A	O-470-F,K,L,R, IO-470-L, IO-520-A,D,E,F,J,K,L	654560, 652079 (plate)
8000307	11 7th Stud	Continental 654593, Niagara 20618A	IO-470-L, IO-520-A,D,E,F,J,K,L	654554, 652079 (plate)
8000531	11.5" Universal 7th Stud	Continental 639152, Niagara 20623A	O-470-M, IO-470-D,U,V, IO-520-A,D,E,F,J,K,L	654560, 652079 (plate)
8000127	11.5" 7th Stud	Continental 652759, Niagara 20448A	IO-520-A,D,E,F,J,K,L	654554, 652079 (plate)
Rear-Mount Oil Coolers				
8000440	Valve P/N 639305 small	Continental 654580, Niagara 10279A	TSIO-520-BE,E,J,L,N,VB,WB,EB,JB,LB,NB, 550-E, IO-550-B,C,G	G-KT-1
8000464	Valve P/N 639305 small	Continental 646685, Niagara 10196A	GTSIO-520-C,D,F,H,K,L,M,N	G-KT-2
8000953	Valve P/N 649369 large	Continental 654585, Niagara 10281A	IO-550-G,N,P,R, IO-F550-G,N,P,R, TSIO-550-G	G-KT-3
8000960	Valve P/N 639305 small	Continental 654572, Niagara 10278A	IO-520-B,BA,BB,C,CB,M,MB, TSIO-520-B,D,K,UB, IO-550-A,B,C	G-KT-4
8001213	Valve P/N 649369 large	Continental 655090, Niagara 10280A	IO-550-B,C, IOF-550-B,C, TSIO-520-B	G-KT-5

Continued on next page

Remote Mount Oil Coolers (Typically used with Lycoming Engines)



Bar and Plate P/N 8000356



7 row drawn cup P/N 8000075



HE Series P/N 8001646



HE Series P/N 8001599

Important: To confirm FAA approved eligibility, verify that your current (or originally) installed oil cooler P/N is listed in the "FAA Approved Replacement for" column for your aircraft model.

Aircraft Model	FAA Approved Replacement for P/N	Description	P/N
AEROSTAR			
601, 601P, 602P, 700P	Niagara 20015A, 20044A, Harrison 8541336	bar and plate	8000357
Beechcraft			
19, C23, A24R, C24R	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
19A, B19, A23, A23A, A24, A24R, B23, C23	Beech 169-910002-23, 169-380001-1, Stewart Warner 8406R	HE Series	8001602
A23-24	Beech 169-910002-23, 169-380001-1, Stewart Warner 8406R	HE Series	8001602
	Beech 169-380033, Stewart Warner 8432S	HE Series	8001694
Brittan-Norman (Pilatus)			
BN-2	B-N 354501026, Stewart Warner 8406R	HE Series	8001602
BN-2A	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
	B-N 354501026, Stewart Warner 8406R	HE Series	8001602
BN-2A-2, BN-2A-3, BN-2A-6, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2A-26, BN-2A-27	B-N 354501026, Stewart Warner 8406R	HE Series	8001602
BN-2B	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
BN-2B-20, BN-2B-21, BN-2B-26, BN-2B-27, BN-2T-4R	B-N 354501026, Stewart Warner 8406R	HE Series	8001602
Cessna			
150, 152, A152	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
162	Cessna and Stewart Warner 10578R	HE Series	8001535
170	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
172	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
	Cessna and Stewart Warner 8406R	HE Series	8001733
175, 177	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
177RG	Cessna and Stewart Warner 8406R	HE Series	8001733
172N	Cessna and Stewart Warner 10599R	HE Series	8001599
172R,S	Cessna and Stewart Warner 10877R	HE Series	8001588
182	Cessna and Stewart Warner 10610R	HE Series	8001646
R182, TR182	Cessna and Stewart Warner 10614R	HE Series	8001643
	Cessna and Stewart Warner 10610R	HE Series	8001646
T182, TR182, T182T	Cessna and Stewart Warner 10891A	HE Series	8001718
210-5 (205), 210-5A (205A)	Cessna and Stewart Warner 10634R	HE Series	8001652
206, 206H, P206, P206A,B,C,D,E, U206, U206A,B,C,D,E,F,G	Cessna and Stewart Warner 10880A	HE Series	8001713
T206H, TP206A,B,C,D,E, TU206A,B,C,D,E,F,G	Cessna and Stewart Warner 10865B	HE Series	8001701
210, 210A thru 210R, P210N,R, T210F thru T210R	Cessna and Stewart Warner 10634R	HE Series	8001652
Commander, Twin Commander Aircraft LLC			
114, 114A, 500S	Commander 630146-509, Niagara 20009A, Harrison 8533718, 8537798	18 row drawn cup	8000353
Cub Crafters Inc.			
CC18-180, CC18-180A	Niagara 20003A, Harrison 8529245	9 row drawn cup	8000074
Grumman			
AA-5 (Tiger)	5505002-2, Stewart Warner 10568R	HE Series	8001640
AA-5A Series (Cheetah)	5505002-1, Stewart Warner 10578R	HE Series	8001535
Maule			
M-5-180C, M-5-235C, M-6-180, M-6-235	Niagara 20003A, Harrison 8529245	9 row drawn cup	8000074
Mooney			
MC20A, MC20B	Mooney 620036, Stewart Warner 8406R	HE Series	8001602
	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
M20C, M20D	Mooney 620036, Stewart Warner 8406R	HE Series	8001602
	Mooney 620016, 620052, Stewart Warner 8432R	HE Series	8001689
M20E, M20F	Mooney 6200160501, Stewart Warner 8432S	HE Series	8001694
M20G	Mooney 620036, Stewart Warner 8406R	HE Series	8001602
M20J	Mooney 620016, 620052, Stewart Warner 8432R	HE Series	8001689
Piper			
PA-18,18A	Harrison 8521940	bar and plate	8000328
PA-18, -18A, -18S, -18 "105" Special, -18 "125"(Army L-21A), -18S "125", -18AS "125", -18 "135" (Army L-21B),-18A "135", -18S "135", -18AS "135", -18 "150", -18A "150", -18S "150P", -18AS "150", -19 (Army L-18C), -19S	Niagara 20003A, Harrison 8529245	9 row drawn cup	8000074
PA22-135,150,160	Harrison 8521940	bar and plate	8000328
PA-23, S/N 23-163 and up	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
PA-23	Niagara 20104A, Harrison 8530016, 8537798	9 row, 2 pass drawn cup	8000343
PA-23-160	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
PA23-235,250	Niagara 20104A, Harrison 8530016, 8537798	9 row, 2 pass drawn cup	8000343
PA-23-250	Piper 32330-07, S/W Meggit 10631S	HE Series	8001956
PA-24	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
PA-24-260 S/N 24-4783, 24-4804 and up	Niagara 20104A, Harrison 8530016, 8537798	9 row, 2 pass drawn cup	8000343
PA-25	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
PA-25-235	Niagara 20104A, Harrison 8530016, 8537798	9 row, 2 pass drawn cup	8000343
PA-28R-200,201,201T	Piper 67848-00, Niagara 20017A, Harrison 8537820	13 row, drawn cup with cutout	8000661
PA-28-236	Niagara 20003A, Harrison 8529245	9 row drawn cup	8000074
PA-30	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
PA-31	Niagara 20104A, Harrison 8530016, 8537798	9 row, 2 pass drawn cup	8000343
PA-31-310,325,350	Niagara 20010A, Harrison 8535311	bar and plate	8000356
PA-32-260	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
PA-32-300	Niagara 20003A, Harrison 8529245	9 row drawn cup	8000074

Eligibility continued on the next page



Firewall Forward



FAA-PMA Approved

Important: To confirm FAA approved eligibility, verify that your current (or originally) installed oil cooler P/N is listed in the "FAA Approved Replacement for" column for your aircraft model.

Eligibility continued from previous page

Aircraft Model	FAA Approved Replacement for P/N	Description	P/N
Piper Continued			
PA-32R-300	Piper 556-391, Harrison 8543897	bar and plate	8001201
PA-32RT-300,300T, PA-32R-301,301T	Niagara 20010A, Harrison 8535311	bar and plate	8000356
PA-34-200	Piper 67848-00, Niagara 20017A, Harrison 8537820	13 row, drawn cup with cutout	8000661
PA-39	Piper 18622-00, Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
Robinson Helicopter			
R22	Niagara 20008A	17 row drawn cup	8000216
R44, R44II	Robinson and Stewart Warner 10886A	HE Series	8001723
Sky International (PITTS)			
S-2B	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
	Niagara 20009A, Harrison 8533718, 8537798	18 row drawn cup	8000353
Socata			
TB9, TB10	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
TB20, TB200	Niagara 20006A, Harrison 8534108	13 row drawn cup	8000215
	Niagara 20009A, Harrison 8533718, 8537798	18 row drawn cup	8000353
Taylorcraft 2000, LLC			
F22B, F22C, F22R	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075
Univair (Stinson)			
108, 108-1, 108-2, 108-3	Niagara 20002A, Harrison 8526250	7 row drawn cup	8000075

1 McFarlane engineering is unable to confirm this eligibility entry. P/N 8000215 is for larger (300HP+) engines.

2 When modified with IAW Cub Crafters Inc. STC # SA00718SE or SA92NW.

Cross Reference		Cross Reference	
Beechcraft P/N	AERO-Classics P/N	Continued from previous column	
169-380001-1	8001602	Niagara P/N	
169-380033	8001694	20009A	8000353
169-910002-23	8001602	20010A	8000356
Britten-Norman (Pilatus) P/N		20015A	8000357
354501026	8001602	20017A	8000661
Continental P/N		20044A	8000357
626189	8000683	20104A	8000343
627392	8000925	20440A	8000687
639151	8000319	20446A	8000319
639171	8000545	20448A	8000127
646685	8000464	20573A	8000683
646880	8000934	20585A	8000925
652671	8000687	20591A	8000934
652759	8000127	20617A	8000545
654572	8000960	20618A	8000307
654580	8000440	20623A	8000531
654585	8000953	20710A	8001080
654593	8000307	20795A	8000545
654595	8000545	Piper P/N	
655090	8001213	18622-00	8000074
693152	8000531	556-391	8001201
Harrison P/N		67848-00	8000661
8521940	8000328	85472-012	8001080
8526250	8000075	Stewart Warner	
8529245	8000074	8406R	8001733
8530016	8000343	8406R	8001602
8533718	8000353	8432R	8001689
8534108	8000215	8432S	8001694
8535311	8000356	10568R	8001640
8537798	8000343	10578R	8001535
8537820	8000661	10599R	8001599
8541336	8000357	10610R	8001646
8543897	8001201	10614R	8001643
Mooney P/N		10634R	8001652
620016	8001689	10865B	8001701
620036	8001602	10877A	8001588
620052	8001689	10880A	8001713
6200160501	8001694	10886A	8001723
Niagara P/N		10891A	8001718
10196A	8000464	Twin	
10278A	8000960	Commander P/N	
10279A	8000440	630146-509	8000353
10280A	8001213	True Flight	
10281A	8000953	Holding LLC P/N	
20002A	8000075	5505002-1	8001535
20003A	8000074	5505002-2	8001640
20006A	8000215	Verify aircraft make and model to ensure direct replacement eligibility. An IPC will confirm the part number that came equipped with the aircraft.	
20008A	8000216		

Continued in next column

New Approval for Cessna and Piper Aircraft

New!

FAA-PMA approval for more Cessna and Piper aircraft!

- Cessna 205 and 210 series
- Piper PA-23-250, PA-28-181 and PA-32-260 aircraft.



Aluminum Oil Cooler for PA18, PA22 Series

Save weight and money!

P/N 8000328

- The only aluminum Super Cub oil cooler
- FAA-PMA

Save 3.7 lbs!



Stewart Warner Oil Coolers

Factory new oil coolers manufactured by Stewart Warner are ideal for many experimental applications. They are identical to Stewart Warner oil coolers used on many certified aircraft but are not FAA-PMA approved. Form 337 field approvals are required for installation on certified aircraft.

Available part numbers:
10611R, 10611S, 10631S,
10655A, 8406S and 8446S.



Parts for the Legendary Pratt & Whitney PT6 Engines

- In stock, no long lead times!
- Save \$\$ on commonly replaced parts

Part Number	Description	Eligibility
CA3011155	Fuel Transfer Tube	PT6A-10,11,11AG,15AG,21,25,25A,25C,27,28,34,34AG,34B,36,38,41,41AG,42,45A,45B,45R,50,60A,61,64,65B,65R,65AG,65AR,67,67A,67B,67D,67R,67AF,67AG,110,112,114,114A,116,135,135A,PT6B-36,36A,36B,PT6T-3,3B,3BE,6,6B,ST6T-75
CA3020030	Fuel Transfer Tube	PT6T-3,3B,6,ST6T-75,76
CA3029566	Fuel Nozzle Gasket	PT6A-11,11AG,15AG,110,112,114,114A,116,21,27,28,34,34AG,34B,36,135,135A,25,25A,25C,PT6T-3,3B,BE,6,6B,PT6B-36,36A,36B
CA3029678	Fuel Nozzle Gasket	PT6A-6,6A,6B,20,20A,20B
CA3103345-01	Retainer Plate	PT6A-10,11,11AG,15AG,21,25,25A,25C,27,28,34,34AG,34B,36,38,41,41AG,42,45A,45B,45R,45AG,50,60A,60AG,61,65B,65R,110,112,114,116,135,135A,PT6B-36,36A,36B,PT6T-3,3B,3BE,6,6B,ST6T-75
CA3103346-01	Diaphragm	PT6A-38,41,41AG,42,45A,45B,45R,45AG,50,65B,65R
CA3103347-01	Diaphragm	PT6A-10,11,11AG,15AG,21,25,25A,25C,27,28,34,34AG,34B,36,110,112,114,114A,116,135,135A,PT6B-36,36A,36B,PT6T-3,3B,3BE,6,6B,ST6T-75
CA3110998-01	Prop Shaft Shim	PT6A,60A,65B,65R,65AR,65AG
CA3118962-01	Gasket	PT6A-6,6A,6B,2,20A,20B,21,25,25A,25C,27,28,34,34AG,34B,36,114,114A,116,135,135A
CG3011587	Rod End Bearing	PT6A-15AG,27,28,34,34AG,34B,36,45R,60A,61,135
MS9371-16	Gasket	PT6

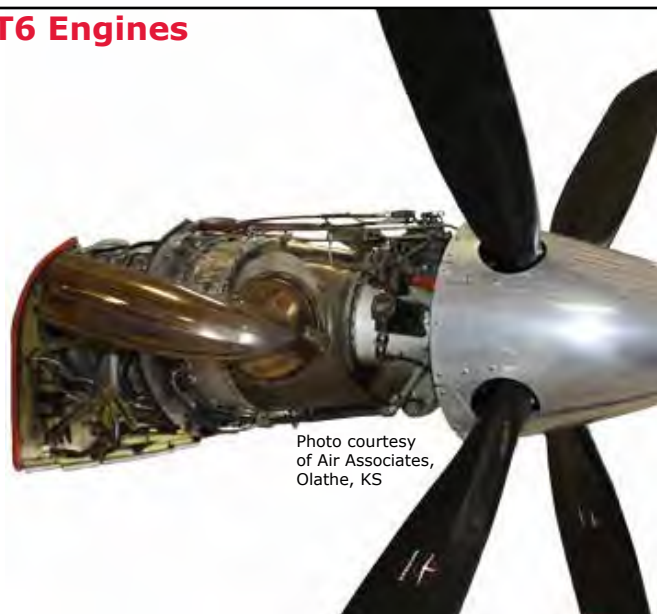


Photo courtesy of Air Associates, Olathe, KS

Manufactured by PMA Products, Inc.



Fuel Transfer Tube



Retainer Plate



Fuel Nozzle Gasket



Prop Shaft Shim



Rod End Bearing



Gasket

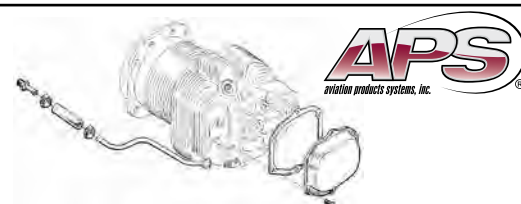


Diaphragm

APS Rocker Cover Gaskets

Reusable, silicone!

- FAA-PMA Direct replacement for Continental and Lycoming Engines
- For use in both certified and experimental aircraft



APS-653193-S



APS-655528-S



APS-655704-S



APS-655705-S



APS-655706-S



APS-67193-S



APS-71450-S



APS-75906-S



APS-76036-S

Part Number	Engine Model
APS-653193-S	Continental: E165, E185, E225, 0470A,E,J, IO470J,K, LTSIO520A,E
APS-655528-S	Continental: 0470: G,K,L,R,S,U, IO470: D,E,F,H,L,M,N,S,U,V, TSIO470: B,C,E, IO520: All Models, TSIO520: AF,CE,UB,B,BB,C,D,DB,E,EB,G,H,J,JB,K,KB,L,LB,M,N,NB,P,R,T,VB,WB, IO550: A,B,C,D,E,F,L
APS-655704-S	Continental: IO240 Series, IO360 Series, TSIO360 Series
APS-655705-S	Continental: TSIO520: BE, IO550: G,N,P,R, TSIO550: A,B,C,E,K, GTSIO520: C,D,F,H,K,L,M,N
APS-655706-S	Continental: C75 Series,C85 Series,C90 Series,C125 Series,C145 Series,0200 Series,0300 Series,GO300 Series
APS-67193-S	Lycoming: IO-360: A1A,1B,A1B6,A1B6D,A1C,A1C6,A1D,A1D6,A2A,A2B,A2C,A3B6,A3B6D,A2D6D,A3D6D,C1A,C1B,C1C,C1C6,C1D6,C1E6,C1E6D,C1G6,D1A,J1A6D,K2A, AIO-360: A1A,A1B,B1B, AEIO-360: A1A,A1B,A1B6,A1D,A1E,A1E6,A2B, LIO-360: C1E,C1E6,C1E6D, IO-540: K1A5,K1A5D,K1B5,K1D5,K1F5,K1F5D,K1G5,K1G5D,K1H5,K1J5D,K1J5D, K1H5,K1J5,K1J5D,K1K5,L1A5D,L1C5,AE1A5, AEIO-540: L1B5,L1B5D,L1D5, IO-540: AA1A5,AA1B5, TIO-540: U2A, LTIO-540: U2A, IGSO-540: A1A,A1C,A1D,A1E,A1H, TIO-540: AE2A,AH1A, HIO-540: A1A, IO-720:A1A,A1B,D1B,D1C,D1CD, TIVO-540: A2A,A2B, IVO-540: A1A, VO-540: A1A,B1A,B1B,B1B3,B1C,B1D,B1F,B1G,B2D,C1A,C1B,C1C3,C2A,C2C, AEIO540: A1A, VO-435: A1D,A1C,A1A,A1E,A1F,B1A, TVO-435: A1A,B1A,B1B,D1A,D1B,F1A,G1A,G1B, GO-435: C2, TIO-541: E1A4,E1B4,E1C4,EAD4, TIGO-541: E1A, TIO-540: V2AD, LTIO-540: V2AD, TO360: C1A6D, IO-360: F1A, IO-540: J4A5
APS-71450-S	Lycoming: TIO-540: A1A,A1B,A2B,A2C,F2BD,J2B,J2BD,N2BD,R2AD,S1AD, LTIO-540: F2BD,J2B,J2BD,N2BD,R2AD, IO-540: B1A5,B1C5,E1A5,E1B5, IO-720: B1B,B1BD,C1B, IO-540: M1A5D,M1B5,M1B5D,U1A5D,U1B5D, IGSO-540: B1A,B1C, IGSO-540: B1A,B1C
APS-75906-S	Lycoming: 0235 Series, 0290 Series, 0320 Series, 0340 Series, 0360: A1A,A1AD,A1C,A1D,A1F,1F6,A1F6D,A1G,A1G6,A1G6D,A1H,A1H6,A1J,A1LD,A1P,A2A,A2D,A2E,A2F,A2G,A4A,A3AD,A4AD,A4D,A4G,A4J,A4JD,A4K,A4M,A4N,A4P,A5AD,A3A,B2A,C1A,C1C,C1E,C1F,C1G,C2A,C2C,C2D,C2E,C4F,C4PF1A6, G1A6, 0360: B2A,D2A,D2B, LO360: A1G6D,A1H6,E1A6D, IO360: B1B,B1BD,B1D,B1E,B1F,B1G6,B2E,B2F,B2F6,B4A,L2A,M1A,M1B, AEIO360:B1B,BAF,B1H,B1G6,B2F,B4A,H1A,H1B, HIO360: B1A,G1A, HO360: C1A, O540: A4D5,E4A5,E4A5,E4B5,E4B5D,E4C5,G1A5,G1A5D,G2A5,H1B5D,H2B5D, IO540: C4B5,C4B5D,C4D5D,D4A5,D4B5,D4C5,N1A5,N1A5D,T4B5D,E4C5D,V4A5D,V4A5, AEIO540: D4A5,D4B5,D4D5, O540: B1A5,B1B5,B2A5,B2B5,B2C5,B2B5, O-540: J2A,F1B5,J1A5D,J1C5D,J2A5D,J3A5,J3A5D,J3C5D, IO-540: W1A5,W1A5D,W3A5D,AB1A5, O-540: L3C5D, TIO-540: C1A,E1A,H1A, TIO-540: AA1AD,AB1AD,AB1BD,AF1A,AG1A,K1AD,AF1B
APS-76036-S	Lycoming: TIO-541: E1A4,E1B4,E1C4,EAD4, TIGO-541: E1A, TIO-540: V2AD, LTIO-540: V2AD, TO360: C1A6D, IO-360: F1A, IO-540: J4A5



Part Number	Model
APS-11935	TIO-540 -A1A, -A1B, -A2A, -A2B, -A1C, -A2C, -C1A, -E1A, -F2BD, -G1A-H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1AD, -AB1BD, -AE2A, -AF1A, -AF1B, -AG1A, -AH1A, -A11A, -AK1A, LTIO-540 -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A
APS-68759	O-320 -A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, B3C, -B2D, -B2E -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD, IO-320 -A1A-A2A-B1A, -B1B, B1C, -B1E, -B1D, -B2A, -C1A, -C1B, -D1A, -D1C, -D1B, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320 -B1A, -C1A, AIO-320 -A1A, -A1B, -A2A, -A2B, -B1B, -C1B, AEIO-320 -D1B, -D2B, -E1A, -E1B, -E2A, -E2B, O-340 -A1A, -A2A, -B1A, AEIO-360 -B1B, -B1D, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B, HIO-360 -B1A, -B1A, HO-360 -A1A, -B1A, -B1B, -C1A, IO-360 -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1B, -M1A, LIO-360 -M1A, LO-360 -A1G6D, -A1H6, -E1A6D, -E1AD, -E1BD, -E2AD, -E2BD, O-360 -A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2C, -C2D, -C2E, -C4F, -C4P, -D2A, -D2A, -D2B, -E1A6D, -E1AD, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A, AEIO-540 -D4A5, -D4B5, -D4C5, -D4D5, IO-540 -AB1A5, -C1B5, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -G1A5, -J4A5, -K1E5, -L1C5, -M1B5D, -N1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -V4A5D, -W1A5D, LTIO-540 -F2BD, -J2B, -J2BD, -K1AD, O-540 -A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2B5, -B2C5, -B2C5, -B4B5, -B4B5, -E4A5, -E4A5, -E4B5, -E4B5, -E4C5, -F1B5, -G1A5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5, -J3A5D, -J3C5D, -L3C5D, -W1A5, -W1A5D, -W3A5D, TIO-540 -AA1AD, -AB1AD, -AF1A, -AG1A, -AH1A, -A11A, -AK1A, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -W2A
APS-68760	O-320 -A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, B3C, -B2D, -B2E -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD, IO-320 -A1A-A2A-B1A, -B1B, B1C, -B1E, -B1D, -B2A, -C1A, -C1B, -D1A, -D1C, -D1B, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320 -B1A, -C1A, AIO-320 -A1A, -A1B, -A2A, -A2B, -B1B, -C1B, AEIO-320 -D1B, -D2B, -E1A, -E1B, -E2A, -E2B, O-340 -A1A, -A2A, -B1A, AEIO-360 -B1B, -B1D, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B, HIO-360 -B1A, -B1A, HO-360 -A1A, -B1A, -B1B, -C1A, IO-360 -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1B, -M1A, LIO-360 -M1A, LO-360 -M1A, LO-360 -A1G6D, -A1H6, -E1A6D, -E1AD, -E1BD, -E2AD, -E2BD, O-360 -A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2C, -C2D, -C2E, -C4F, -C4P, -D2A, -D2A, -D2B, -E1A6D, -E1AD, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A
APS-68761	O-320 -A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, B3C, -B2D, -B2E -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD, IO-320 -A1A-A2A-B1A, -B1B, B1C, -B1E, -B1D, -B2A, -C1A, -C1B, -D1A, -D1C, -D1B, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320 -B1A, -C1A, AIO-320 -A1A, -A1B, -A2A, -A2B, -B1B, -C1B, AEIO-320 -D1B, -D2B, -E1A, -E1B, -E2A, -E2B, O-340 -A1A, -A2A, -B1A, AEIO-360 -B1B, -B1D, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B, HIO-360 -B1A, -B1A, -B1B, -C1A, IO-360 -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1B, -M1A, LIO-360 -M1A, LO-360 -A1G6D, -A1H6, -E1A6D, -E1AD, -E1BD, -E2AD, -E2BD, O-360 -A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4

Diagram of a standard air wrench. Labels include: Spark Plug Thread with O-Ring Seal, Extended Length for Clearance, Handle for Wrench-Free Operation, and Standard Air Fitting.



Motor Mount Bolt Lock Washer for Cessna Aircraft

Part Number MC0851559-1

- Up to four times the locking power for less cost!
- FAA approved using stronger material than the original, allowing the standard washer to be eliminated.
- Only the McFarlane washer is embossed for improved locking and no-slip during installation.
- Designed with six tabs instead of two giving extra locking power.
- Easier to use
- Four lock washers required per engine.

FAA-PMA Approved

Model	Serial Number
180F,G,H,J,K	18051184 thru 18053203
185, 185A,B,C,D,E/A185E,F	All
182E,F,G,H,J,K,L,M,N,P,Q,R	18253599 thru 18268615
A182J,K,L,M,N/F182P,Q	All
188, 188A,B/A188/A188A,B/T188C	All
210-5 (205), 210-5A (205A)	All
P206, P206A,B,C,D,E, TP206A,B,C,D,E	All
206, U206, U206A,B,C,D,E,F,G	All
TU206A,B,C,D,E,F,G	All
207, 207A, T207, T207A	All
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R	All
P210N,R, T210F,G,H,J,K,L,M,N,R	All
310, 310B,C,D,F,G,H,I,J,K,L,N,P,Q,R	All
T310P,Q,R	All
320D,E,F	All
411, 411A, 414	All
414A	414A0001 thru 414A0680



Oil Access Door for Cessna Aircraft

Part Number WAC752000

- Improved to better match the contour of the cowl
- More affordable than other replacement doors
- Replaces Cessna P/N 0752000-56

Model	Serial Number
180-180G	30000 thru 18051445
182-182G	33000 thru 18255844
185-185C	185-0001 thru 185-0776
210-210E	57001 thru 21058715

SAVE!
FAA-PMA
Approved



Now manufactured by McFarlane!

Fuel Injection/Hydraulic/Oxygen Line Union Cone

Part Number AN800C2-MOD

Improved Design! These braze-on 316 stainless fittings are an improvement over AN800C2 fittings commonly used on 1/8" stainless steel fuel injection, hydraulic and oxygen lines.

Improvements include:

- Witness hole to assure complete braze penetration
- Closer tolerance ID (0.131" - 0.133") to assure compatibility with close tolerance MIL-T-8504/ASTM A632 stainless steel tubing. The precision ID provides ideal clearance for proper braze penetration.

Note: Although similar, these parts are not manufactured/certified to AN800 specs. Fittings certified to AN800 are available upon request.



Adel Clamps (MS21919 W Series)

Loop type, cushioned support clamps, commonly referred to as "Adel Clamps" feature a wedge that is bonded to the cushion to prevent the escape of small wires when used for general purpose wire bundle clamping. Meets the requirements of MS21919.

Standard MS21919WDGXX Clamps

- Aluminum band with a chlorophrene cushion (black with blue stripe)
- For use in areas contaminated with petroleum based hydraulic fluids and occasional fuel splash
- Ozone resistant
- Rated to 212° F
- Not resistant to phosphate ester based fluids
- Supersedes MS21919-DG series without the wedge

High Temperature MS21919WCJXX Clamps

These blue clamps will not get hard and brittle with engine temperatures. A little more expensive but will last a long time in firewall forward applications.

- Corrosion resistant steel band with a blue fluorosilicone cushion
- Perfect for use in engine area or other areas with elevated temperature and/or where petroleum based fluid contamination is present
- Ozone resistant
- Rated to 450° F
- Not resistant to phosphate ester based fluids

Tube/Bundle O.D.	Aluminum Band, Chlorophrene Cushion: MS21919WDG Series	Corrosion Resistant Steel Band, Fluorosilicone Cushion: MS21919WCJ Series
1/8"	MS21919WDG2	MS21919WCJ2
1/5"	MS21919WDG3	MS21919WCJ3
1/4"	MS21919WDG4	MS21919WCJ4
1/3"	MS21919WDG5	MS21919WCJ5
3/8"	MS21919WDG6	MS21919WCJ6
7/16"	MS21919WDG7	MS21919WCJ7
1/2"	MS21919WDG8	MS21919WCJ8
9/16"	MS21919WDG9	MS21919WCJ9
5/8"	MS21919WDG10	MS21919WCJ10
11/16"	MS21919WDG11	MS21919WCJ11
3/4"	MS21919WDG12	MS21919WCJ12
13/16"	MS21919WDG13	MS21919WCJ13
7/8"	MS21919WDG14	MS21919WCJ14
15/16"	MS21919WDG15	MS21919WCJ15
1"	MS21919WDG16	MS21919WCJ16



P/N MS21919WDG3



P/N MS21919WCJ3



P/N MS21919WCJ4



P/N MS21919WCJ5

Valve Guide Cleaning Reamers for Lycoming Engines

- Discounted pricing for complete set
- Spiral flutes for a better guide finish
- Pilot sized specifically for cleaning
- Cutting pilot cleans guides without notching guide surfaces
- Constructed of precision ground, high speed tool steel
- See Page 198 for additional information

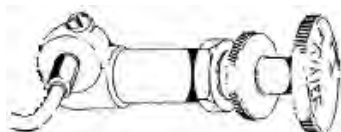


Fuel Primer Seal Kit

P/N FPS-KT-1

Contains two MIL-SPEC fuel-proof fluoroelastomer (Viton) o-rings required to service most standard fuel primers.

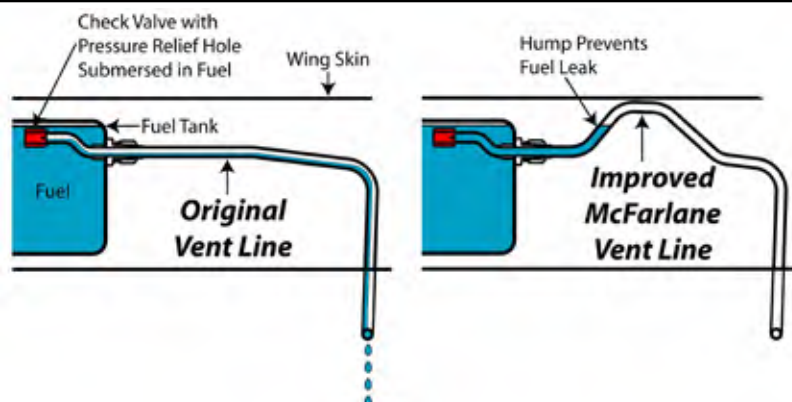
New!



Improved Fuel Vent Lines for Cessna Aircraft

Stops fuel waste!

- Stops asphalt damage
- Stops environmental damage
- Fly with known full tanks
- Extends useful range
- Pays for itself quickly at \$4.00 per gallon
- Adds value to your airplane
- FAA-PMA direct replacement, no STC or 337 form needed



The fuel vent line on most Cessna single engine aircraft attaches to a check valve inside the tank to prevent

fuel from flowing out of the vent line, but this valve has a weep hole that allows some fuel to pass to prevent over-pressurization. Unfortunately, this weep hole is much lower than the fuel level with full tanks. Fuel will continuously leak out of the vent line until the fuel level is below the weep hole. With the original vent line, you cannot fill the tanks without wasting a lot of fuel.

The Cessna legacy aircraft also have a tank interconnect vent line that allows fuel from both tanks to leak out of the vent. When parked on an unlevel surface, the fuel loss from these aircraft can be many gallons.

McFarlane has solved these problems with a redesigned vent line featuring a unique hump that extends above the top of the tank. Some fuel can still escape through the weep hole and out the vent to prevent over-pressurization. However, once the pressure is relieved, the tanks will remain full.

Convenient Kits and Components

Kits containing a new connection hose (where required), part number MCS1495-8 and rubber grommet, part number MS35489-14 are also available where applicable. Just add a "K" suffix to the part numbers listed below. Rubber tubing sold by the foot is available by ordering part number R221485.

Installation Tip:

Access to loosen or tighten the vent line in most of the Cessna aircraft is very tight because the tube flare nut ("B" nut) sits partway in the wing rib. However, with the correct wrench, you can normally loosen the nut from the under-wing inspection holes without removing the top tank access skin. The fitting in the tank has indexing flats and will normally not rotate while the tube flare nut is being loosened and re-tightened for the new line. Use caution in starting the nut as the Cessna tank fitting is a welded assembly with soft aluminum. Be sure not to cross-thread or over tighten the nut as you can easily strip the threads on this fitting.

Aircraft Model	Serial Number	Standard Range Tanks		Extended Range Tanks	
		Left	Right	Left	Right
150, 150A	All	MC0400311-119 Only for use with Cessna vent assembly 0523552-2 2		MC0400311-121 Only for use with Cessna vent assembly 0523552-2 2	
150B,C,D,E,F,G,H,J,K,L,M, F150F,G,H,J,K,L,M	All	MC0400311-119		MC0400311-121	
A150K,L,M, FA150K,L,M, FRA150L,M	All	MC0400311-120			
152, F152	All	MC0400311-119		MC0400311-121	
A152, FA152	All	MC0400311-120			
172, 172A,B,C	All	MC0523559-8 Only for use with Cessna vent assembly 0523552-2 2			
172D,E,F,G,H,I		MC0523559-8			
172K,L,M 1	17257162 thru 17260805	MC0523559-8		MC0523559-6	
172M 1 ,N	17260806 thru 17274009	MC0523559-12		MC0523559-11	
172P	All	MC0523559-12 MC0523098-1 Integral Cell		MC0523559-11	
172Q	All	MC0523559-11 MC0523098-1 Integral Cell			
172RG	All	MC0523098-1			
F172D,E,F,G,H 1	F172-0001 thru F172-0561	MC0523559-8			
F172H 1 ,K,L	F172-0560 thru F17200904	MC0523559-8		MC0523559-6	

Continued on next page



Improved Fuel Vent Lines for Cessna Aircraft

Continued from previous page

Aircraft Model	Serial Number	Left Standard Range Tanks	Right	Left Extended Range Tanks	Right
F172M ¹	F17200905 thru F17201234	MC0523559-12			
F172M ¹ ,N	F17201235 thru F17202254	MC0523559-12		MC0523559-11	
F172P	F17202040 thru F17202254	MC0523559-12 MC0523098-1 Integral Cell		MC0523559-11	
FP172	All	MC0523559-6			
FR172J,K	All	MC0523559-11 MC0523098-1 Integral Cell			
P172D	All	MC0523559-6			
R172K	All	MC0523559-11 MC0523098-1 Integral Cell			
175, 175A,B,C		MC0523559-6 Only for use with Cessna vent assembly 0523552-2 ²			
180 ¹	32488 thru 32661	MC0716122 Only for use with Service Kit SK180-6			
180A,B,C,D	All	MC0716127-1			
180E,F	All	MC0716127-1	MC0716127-2 Not used with 0726001-16 RH Standard Fuel Tank	MC1200106-51	MC1200106-52
180G,H,J,K ¹	18051313 thru 18053000	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52
180K ¹	18053001 thru 18053203	MC1200106-266	MC1200106-267		
182	All	MC0716122			
182A,B,C,D	All	MC0716127-1			
182E,F,G,H,J,K,L,M,N,P,Q ¹	18253599 thru 18266590	MC0716127-1		MC1200106-51	
182Q ¹ ,R,S,T	18266591 thru 18299999	MC1200106-266	MC1200106-267		
F182P,Q ¹	F18200001 thru F18200094	MC0716127-1		MC1200106-51	
F182Q ¹	F18200095 thru F18200169	MC1200106-266	MC1200106-267		
FR182 ¹	FR18200001 thru FR18200020	MC0716127-1		MC1200106-51	
FR182 ¹	FR18200021 thru FR18200070	MC1200106-266	MC1200106-267		
R182 ¹	R18200001 thru R18200583	MC0716127-1		MC1200106-51	
R182 ¹ ,TR182 ¹	R18200584 thru R18202041	MC1200106-266	MC1200106-267		
T182,T182T	All	MC1200106-266	MC1200106-267		
185,A,B,C,D,E,A185E,A185F ¹	185-0001 thru 18503683	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52
A185F ¹	18503684 thru 18504448	MC1200106-266	MC1200106-267		
210-5 (205), 210-5A (205A)	All	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52
206,P206,P206A,B,C,D,E TP206A,B,C,D,E TU206A,B,C,D,E,F,G U206, U206A,B,C,D,E,F,G	All	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52
206H,T206H	All	MC1200106-266	MC1200106-267		
207,207A,T207,T207A	All	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52
210,210A,B,C,D,E,F T210F	All	MC0716127-1	MC0716127-2	MC1200106-51	MC1200106-52

¹ Partial model eligibility

² These aircraft originally used 1/4" vent lines, however they may be upgraded to a 3/8" vent line with the installation of the P/N 0523552-2 vent assembly per the applicable IPC. The indicated McFarlane vent lines are only eligible for use with the upgraded vent assembly.

King Air Fuel Drain Valve

Improved, repairable valve for thousands less than Beech!

Fuel Drain Valve P/N MC90-380016-1

- Improved seal design provides a long life reliable valve.
- Teflon lined control conduit and stainless steel cable.
- Reliable design - proven over 10,000 cycles.
- Approved for models C90, C90A, C90GTi, C90GT, E90 and F90
- Latest Viton fuel-proof seals
- Anodized for better corrosion resistance



SAVE \$\$

P/N MC90-380016-1 consists of two components: a valve housing, and a replaceable valve control/plunger subassembly (P/N 6325K). Only McFarlane valves are repairable, Beech valves do not have replaceable components.

Unheard of 10 Year Limited Warranty!



Cessna 177RG and F177RG Fuel Reservoir Drain Plunger

- All metal, one piece design eliminates the flimsy C-clip.
- McFarlane's Vulcanize bonded blue Viton® rubber tip outlasts the original in any fuel.
- Convenient kits available containing the plunger and O-Rings, P/N FDV-KT-1.



SAVE!



Fuel Strainer Parts for Cessna Aircraft

McFarlane can replace your fuel system parts with high quality McFarlane manufactured parts. Now offering fuel bowls, top assemblies, fuel bowl washers, fuel bowl nuts, standpipes, plungers, stainless steel washers for your plunger, fuel-proof fluorocarbon o-rings, fuel strainer drain cables and fuel strainer seal kits. **Buy any components separately or as convenient kits.**

- Improved safety
- More reliable
- Longer life
- Less money

Maintenance Tip:

Cleaning the Fuel Screen - The fuel screen is removed by removing the standpipe. The rubber tipped plunger must be unseated before the standpipe is loosened. Failure to lift the plunger off of its standpipe seat can damage the plunger. Pull the strainer drain knob as if you were draining the fuel bowl. Block or clamp the knob in this position. Insert a smooth round tool such as a screw driver or punch in the standpipe cross-hole and un-screw the standpipe.

Fuel Bowl MC0756008-1

- Computer machined (not die cast)
- Gold anodized for additional corrosion resistance.
- This bowl is engineered to last!



Fuel Strainer Seal Kits FS-KT-1, FS-KT-9, FS-KT-10 and FS-KT-11

Only McFarlane has approval to replace the old less fuel resistant o-rings with the latest fuel-proof fluorocarbon o-ring. Kits includes applicable gasket and o-rings to seal the fuel strainer.



Fuel Strainer Plunger MC0756010-11

- Special electro polished shaft for longer o-ring life
- McFarlane's Vulcanize bonded blue Viton® rubber tip outlasts the original in any fuel.



Fuel Strainer Gasket MC0756041-1

- Fuel proof Viton foam won't shrink or harden due to fuel exposure.
- Fits restart Cessna aircraft and late U206G/TU206G models.

Less than 1/2 Cessna price!



Maintenance Tip:

Cessna maintenance manual requires replacement of this gasket every 100 hours.

Fuel Top Assembly MC0756005-2

- All aluminum construction prevents galvanic corrosion between housing and inlet tube.
- Fully anodized to prevent corrosion and galvanic reaction between the brass filter and aluminum inlet tube.
- Improved fuel inlet tube attachment ensures a reliable secure fit
- Save \$\$



Fuel Strainer Standpipe MC0756011-1

- Stainless steel
- Costs less
- No more corrosion pits
- No more stripped threads
- The last one you will buy!



Fuel Strainer Drain Cables MCS1517 Series

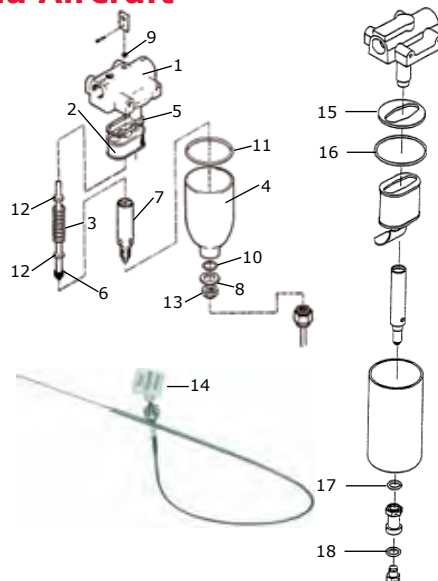
- Stainless steel conduit
- Improved aluminum knob
- Larger wire diameter



Fuel Strainer Kits for Cessna Aircraft

Save time and money with convenient kits!
See eligibility on the following page.

Qty	Part Number	Description	Index
FS-KT-1 Fuel Strainer Seal Kit			
1	MC0756009-8	Gasket	5
1	MCM83248/1-010	O-ring	9
1	MCM83248/1-111	O-ring	10
1	MCM83248/1-138	O-ring	11
FS-KT-2 Fuel Bowl Kit			
1	FS-KT-1	Fuel Strainer Seal Kit	
1	MC0756008-1	Fuel Bowl	4
1	MC0756015-1	Washer	8
1	MCS1573-3	Nut	13
FS-KT-3 Fuel Strainer Rebuild Kit			
1	FS-KT-2	Fuel Bowl Kit	
1	0756012-1	Spring	3
1	MC0756010-11	Plunger	6
1	MC0756011-1	Standpipe	7
2	MCS1450-27A7-032	Washer	12
FS-KT-4 Fuel Strainer Kit			
1	FS-KT-3	Fuel Strainer Kit	
1	MC0756005-2	Top Assembly	1
1	0756009-1	Filter	2
FS-KT-5 Fuel Strainer and Cable Kit			
1	FS-KT-4	Fuel Strainer Kit	
1	MCS1517-7	Strainer Drain Cable	14



Qty.	Part Number	Description	Index
FS-KT-6 Fuel Strainer Kit			
1	MC0756005-2	Top Assembly	1
1	0756009-7	Filter	2
1	FS-KT-3	Fuel Strainer Rebuild Kit	
FS-KT-7 Fuel Strainer and Cable Kit			
1	FS-KT-6	Fuel Strainer Kit	
1	MCS1517-7	Strainer Drain Cable	14
FS-KT-9 Fuel Strainer Seal Kit			
1	MC0756041-1	Gasket	15
1	M83248/1-011	O-ring	18
1	M83248/1-111	O-ring	17
1	M83248/1-138	O-ring	16
FS-KT-10 Fuel Strainer Seal Kit			
1	MC0756041-1	Gasket	15
1	M83248/1-010	O-ring	9
1	M83248/1-111	O-ring	17
1	M83248/1-138	O-ring	16
FS-KT-11 Fuel Strainer Seal Kit			
1	MC0756041-1	Gasket	15
1	M83248/1-111	O-ring	17
1	M83248/1-138	O-ring	16
FS-KT-12 Fuel Plunger Kit			
1	FS-KT-1	Fuel Strainer Seal Kit	
1	MC0756010-11	Plunger	6
1	MC0756015-1	Washer	8
1	MCS1573-3	Nut	13



Eligibility for Fuel Strainer Parts and Kits for Cessna Aircraft

Cessna Models	Serial Numbers	MC0756005-2	MC0756008-1	MC0756010-11	MC0756011-1	MCS1517-7	FS-KT-1	FS-KT-2	FS-KT-3	FS-KT-4	FS-KT-5	FS-KT-6	FS-KT-7	FS-KT-9	FS-KT-10	FS-KT-11	FS-KT-12
150E ¹	15060773 thru 15061152																
150E ¹ ,F,G,H,J,K,L,M, A150K,L,M	15061153 thru 15079405 and A1500001 thru A1500734	•	•	•	•	•	•	•	•	•	•						•
F150F,G,H,J,K,L,M, FA150K,L,M	All	•	•	•			•	•									
FRA150L,M	All	•															
152, A152	All	•	•	•	•	•	•	•	•	•	•						•
F152, FA152	All	•	•	•			•	•									
172D,E,F ¹	17249545 thru 17252533					•											
172F ¹ ,G,H	17252534 thru 17256512 and 638	•	•	•	•	•	•	•	•	•	•						•
172I,K,L,M,N,P,Q	All	•	•	•	•	•	•	•	•	•	•						•
172R,S	All													•			
172RG	172RG0001 thru 172RG0890 and 691	•	•	•	•	•	•	•	•	•	•						•
172RG	172RG0891 thru 172RG1191	•	•		•	•	•	•									
P172D	All		•		•		•	•	•	•							
F172D,F ¹	F172-0001 thru F172-0139					•											
F172F ¹ ,G,H,K,L,M,N,P	F172-0140 thru F17202254	•	•	•		•	•	•									
FR172E	All	•	•				•	•									
FR172F,G,H,J,K	All	•	•	•		•	•	•									
R172E	All	•				•											
R172F,G,H	All	•				•											
R172K	All	•	•	•			•	•									
177, 177A,B	All	•	•	•	•	•	•	•	•	•	•						•
177RG	All	•	•	•	•		•	•	•	•	•						•
F177RG	All	•	•														
180H ¹ ,J,K	18051497 thru 18051875	•	•	•	•		•	•	•	•	•						•
180H ¹ ,J,K	18051876 thru 18053203 ²	•	•	•	•	•	•	•	•	•	•						•
182H ¹ ,J,K	18256040 thru 18258505 and 675, 18255845	•	•	•	•	•	•	•	•	•	•						•
182L,M,N,P,Q,R	All	•	•	•	•	•	•	•	•	•	•						•
182S,T, T182T	All															•	
F182P,Q	All	•	•	•		•	•	•									
FR182	All	•	•	•		•	•	•									
R182, TR182	All	•	•	•	•	•	•	•	•	•	•						•
T182	All	•	•	•		•	•	•	•	•	•						•
185D ¹ ,E	185-0844 thru 185-1149	•	•	•	•		•	•	•	•		•					•
A185E ¹	185-0968 thru 185-1149	•															
A185E ¹ ,F	185-1150 thru 185-1300	•	•	•	•		•	•	•			•					•
A185E ¹ ,F	185-1301 thru 18504448	•	•	•	•	²	•	•	•				²				•
188,188A,B	188-0001 thru 18802348 and 653	•	•	•	•	•	•	•	•	•							•
A188,A188A,B ¹ (w/ fs/lge tanks)	188-0001 thru 18802348, 18800833T thru 18802348T and 653, 678T	•	•	•	•	•	•	•	•	•		•	•				•
A188,A188A,B ¹ (w/ wing tanks)	188-0001 thru 18802348, 18800833T thru 18802348T and 653, 678T	•	•	•	•	³	•	•	•	•		•	•				•
A188B ¹ (w/ fuselage tank)	18802349 thru 18802745	•	•	•	•	•	•	•	•	•		•	•				•
A188B ¹ (w/ wing tanks)	18802349 thru 18803973, 18802349T thru 18803973T	•	•	•	•	³	•	•	•	•		•					•
T188C	T18803325T thru T18803974T and T18802839T, 3307T, 3308T	•	•	•	•	³	•	•	•			•					•
206H,T206H	All	•	•	•			•	•	•							•	
P206,P206A,B, TP206A,B	All	•	•	•	•		•	•	•			•					•
P206C,D,E, TP206C,D,E	All	•	•	•	•		•	•	•			•	•				•
U206, U206A,B	All	•	•	•	•		•	•	•			•					•
U206C,D,E,F ¹ ,G ¹	U206-0915 thru U20606846 and 676	•	•	•	•	•	•	•	•	•		•	•				•
U206G ¹	U20606847 thru U20607020				•										•		
TU206A,B	All	•	•	•	•		•	•	•			•					•
TU206C,D,E,F ¹ ,G ¹	U206-0915 thru U20606846 and 676	•	•	•	•	•	•	•	•			•	•				•
TU206G ¹	U20606847 thru U20607020				•										•		
207,207A,T207,T207A	All	•	•	•	•	•	•	•	•			•	•				•
210E,F,G	All	•	•	•	•		•	•	•			•					•
210H,J,K,L,M,N ¹	21058937 thru 21064535	•	•	•	•	•	•	•	•			•	•				•
210N ¹	21064536 thru 21064897	•	•	•	•	•	•	•									
210R, T210R	All	•				•											
T210F,G	All	•	•	•	•		•	•	•			•					•
T210H,J,K,L,M,N ¹	T210-0308 thru T210-0454, 21059200 thru 21064535 and 21058140	•	•	•	•	•	•	•	•			•	•				•
T210N ¹	21064536 thru 21064897	•	•	•	•	•	•	•									
P210N ¹	P21000001 thru P21000760	•	•	•	•	•	•	•	•	•		•	•				•
P210N ¹	P21000761 thru P21000834	•	•	•	•	•	•	•									
337, 337A,B,C,D,E,F	All	•	•	•			•	•									
337G,H (std range)	All	•	•	•	•		•	•	•			•					•
337G,H (long range), F337E,F,G,H	All	•	•	•			•	•									
FT337E,F, FT337GP, FT337HP	All	•	•	•			•	•									
T337B,C,D,E,F ¹	337-0526 thru 33701351 and 337-0001	•	•	•			•	•									
T337F ¹	33701352 thru 33701398	•	•				•	•									
T337H (std range)	All	•	•				•	•									
T337H (long range)	All	•					•	•									
T337G, P337H	All	•		•	•												
T1137H-SP	All	•															

¹ Partial model eligibility

² Aircraft without floats USE P/N MCS1517-7 and Aircraft with floats USE P/N MCS1517-4.

³ Models 188, 188A, A188, A188A, B S/N 188-0446 thru 18803926T with wing tanks USE P/N MCS1517-12. Model T188C, S/N T18803297T thru T18803926T with wing tanks USE P/N MCS1517-15.

Improved Fuel Strainer Seal Kits for Piper Aircraft

Better seal at half the price!

Each kit includes both the upper and lower seal for one fuel strainer. Parts also available individually.

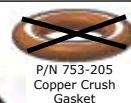
PA-23 and PA-44 Series: Kit P/N FSP-KT-1

Replace leaky copper crush seals with high performance Stat-O-Seals

McFarlane has FAA-PMA approval to replace the high priced P/N 753-205 copper crush gaskets on the Aztec, Apaches and Seminoles with stainless steel/fluorocarbon Stat-O-Seals. The old copper crush gaskets were unreliable and poorly suited for sealing against the small lip on the bottom of the fuel bowl. They often required several attempts to get a satisfactory seal (expensive at \$12 per seal). With McFarlane's improved Viton Stat-O-Seal design **a positive seal is easy to achieve!** Kit also includes P/N MC751-882 upper gasket.

FSP-KT-1
P/N MC751-882 Upper Gasket and
P/N MC753-205 Lower Stat-O-Seal

Graphics not to scale



P/N 753-205
Copper Crush
Gasket



PA-31, PA-34, PA-36, and PA-46 Series: Kit P/N FSP-KT-2

Fuel Proof O-Rings and Stat-O-Seals

Improved FAA-PMA o-rings and Stat-O-Seals feature fuel proof fluorocarbon that won't swell or degrade like the original Buna N seals.

Graphics not to scale



FSP-KT-2
P/N MC757-255 Upper O-ring and
P/N MC751-898 Lower Stat-O-Seal

PA-24, PA-28-235, PA-30, PA-32, and PA-39 Series: Kit P/Ns FSP-KT-3 and FSP-KT-4

Fuel Bowl Gasket and O-Rings

FSP-KT-3 replaces P/N 751-871 upper gasket and MS29513-008 (supersedes Piper P/Ns 755-919, 485-331, and 485-332) lower seal o-ring used on most of these aircraft. However, some PA-28-235 and PA-32 series aircraft use a newer style fuel strainer that use a MS29513-043 (supersedes Piper P/Ns 762-503 and 483-330) o-ring for an upper seal instead of the 751-871 gasket. These aircraft must use P/N FSP-KT-4. Kits contain FAA-PMA gaskets and standard o-rings. These kits include the correct o-rings per Piper Service Bulletin 1198A.



P/N MS29513-008 O-ring P/N MS29513-043 O-ring
Graphics not to scale

FSP-KT-3
P/N CA751-871 Gasket and
P/N MS29513-008 O-ring

FSP-KT-4
P/N MS29513-043 O-ring and
P/N MS29513-008 O-ring

PA-28 Series (except PA-28-235): P/N CA462-049

Fuel Strainer/Gascolator Gasket

FAA-PMA approved direct replacement for Piper P/N 462-049.

P/N CA462-049 not recommended to be used with autogas.



Aircraft Model	Serial Number	Gasket/O-ring Upper Seal P/N	Gasket/O-ring Lower Seal P/N	Kit P/N	
PA-23-235, 250	All	MC751-882	MC753-205	FSP-KT-1	Upper Seal P/N MC751-882 or P/N MC757-255 Lower Seal P/N MC751-898 or P/N MC753-205
PA-E23-250	All	MC751-882	MC753-205	FSP-KT-1	
PA-24-400	All	CA751-871	MS29513-008	FSP-KT-3	
PA-28-140, 150, 160, 180	All	CA462-049	N/A	N/A	
PA-28-151, 161	All	CA462-049	N/A	N/A	
PA-28-181	28-7690001 thru 28-7990626 and 28-8090001 thru 28-8690062	CA462-049	N/A	N/A	
PA-28-201T	All	CA462-049	N/A	N/A	
PA-28-235	All	CA751-871 (gasket) or MS29513-043 (o-ring)	MS29513-008	FSP-KT-3 (gasket) FSP-KT-4 (o-ring)	
PA-28-236	All	CA462-049	N/A	N/A	
PA-28R-180	All	CA462-049	N/A	N/A	
PA-28R-200	All	CA462-049	N/A	N/A	Gasket P/N CA751-871 or O-ring P/N MS29513-043 O-ring P/N MS29513-008
PA-28R-201, 201T	All	CA462-049	N/A	N/A	
PA-28RT-201, 201T	All	CA462-049	N/A	N/A	
PA-30	All	CA751-871	MS29513-008	FSP-KT-3	
PA-31	All	MC757-255	MC751-898	FSP-KT-2	
PA-31-300	All	MC757-255	MC751-898	FSP-KT-2	
PA-31-325	All	MC757-255	MC751-898	FSP-KT-2	
PA-31-350, 350 (T1020)	All	MC757-255	MC751-898	FSP-KT-2	
PA-31P, 350	All	MC757-255	MC751-898	FSP-KT-2	
PA-32-260	All	CA751-871 (gasket) or MS29513-043 (o-ring)	MS29513-008	FSP-KT-3 (gasket) FSP-KT-4 (o-ring)	
PA-32-300	All	CA751-871 (gasket) or MS29513-043 (o-ring)	MS29513-008	FSP-KT-3 (gasket) FSP-KT-4 (o-ring)	Gasket P/N CA462-049
PA-34-200T, 220T	All	MC757-255	MC751-898	FSP-KT-2	
PA-36-285, 300, 375	All	MC757-255	MC751-898	FSP-KT-2	
PA-38-112	All	CA462-049	N/A	N/A	
PA-39	All	CA751-871	MS29513-008	FSP-KT-3	
PA-44-180, 180T	All	MC751-882	MC753-205	FSP-KT-1	
PA-46-310P, 350P	All when equipped with filter assembly 561-046 or 599-180 (Air Maze)	MC757-255	MC751-898	FSP-KT-2	
PA-46R-350T	All when equipped with filter assembly 561-046 or 599-180 (Air Maze)	MC757-255	MC751-898	FSP-KT-2	



Fuel and Oil Quick Drain Valves

Save! Large Selection, Low Price

- Simple operation - spring load close
- FAA-PMA, FAA-TSO-C76 or MIL-SPEC approved
- A clean no mess way to test and drain fuel or oil

SAF-AIR Aviation Products

SAF-AIR has produced high quality close-tolerance valves since 1959.

They are unique because their valves have replaceable o-rings.

- Unique o-ring placement prevents leaks by eliminating an area where dirt can gather.
- O-rings can be replaced instead of buying a new valve.
- Seal kits available

Curtis Superior Valve Co. Inc.

Curtis has produced, engineered, manufactured, and tested aircraft valves to exacting standards since 1944. They have over forty standard valves to solve a wide range of problems.

- Corrosion resistant, stainless steel springs
- Specially compounded "cure dated" synthetic rubber seals to withstand a wide variety of liquids over a broad temperature range.
- Unique wedge seal design prevents leakage

New valves with replaceable seals!
P/Ns CCA-1800, CCA-1900, CCA-2000 and CCA-2100



Fuel Drain Valve Selection Table

Thread: "UNF" (Fine thread) type are straight, non-sealing threads that rely on an o-ring to provide a seal. "NPT" (Pipe Thread) type are tapered threads that seal as they are tightened. Measure the O.D. of the thread on the valve you are replacing and compare to the thread specifications table on page 51 to determine the correct thread size.

Locking: Indicated valves lock in the open position for easy draining.

Flush mounted: Indicated valves are designed to mount flush with aircraft skin.

Use Pin Type Cup: Pin type cups similar to P/N CCA-39680 or MCCA-39680 may be used with indicated valves for sampling fuel.

Open Action: "Spiral" valves require a push and turn action to open, "Push" valves require a push action to open.

Hose Adapter Size: A hose may be attached to the indicated valves for ease of draining fuel. The size indicated is the hose I.D.

Thread	Locking	Flush Mounted	Use Pin Type Cup	Open Action	Hose Adapter Size	Material	Approval Type and Conformity Notes	OEM	Part Number and Notes	See Figure on pg 52	Alternate P/Ns
			• Push				FAA-TSO-C76	FFC	FFCB-B187	82	
			• Push				FAA-TSO-C76	FFC	FFCC-B187	83	
			• Push				FAA-TSO-C76	FFC	FFCP-B187	84	
	•		• Push	1/2"	360 Brass	FAA-TSO-C76	Curtis	C500	18	10	CCA-3400
	•		Spiral	1/2"	Brass, Unplated	FAA-TSO-C76	Curtis	CCA-3400		42	C500
1/8 NPT			Push		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCB-36700		71	BJ1000AS1MY, CAV-110
1/8 NPT			Push	1/4"	14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-110H-4	1	12	BJ1000AH1
1/8 NPT			Spiral		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-36150		44	BJ1000AS1MY, CAV-110
1/8 NPT			• Push		14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-110	1	11	BJ1000AS1MY, CCA-1250, CCA-1550, CCA-36150, CCA-7450, CCB-36700
1/8 NPT			• Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1800 New!	1	27	CAV-110, BJ1000AS1MY
1/8 NPT		•	• Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA18	114	95	491-806, CCA-2500, F391-18, S2106-3
1/8 NPT		•	• Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA187	114	96	491-806, CCA-250, F391-187, S2106-3
1/8 NPT		•	• Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2500	7	36	491-806, F391-187B, F391-88, S2106-3, SA-18, SA-187
1/8 NPT	•		Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1550		23	1250, 492-100, 492-022, BJ1000AS1MY, BJ1000A-1, CAV-110
1/8 NPT	•		• Push		360 Brass	FAA-TSO-C76	SAF-AIR	1250	1	1	BJ1000A-1, CCA-1250, CCA-1550, CCA-7450
1/8 NPT	•		Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	1250H	1	5	BJ1000AH1
1/8 NPT	•		Spiral		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-4850		53	1250, 492-100, 492-022, BJ1000A-1
1/8 NPT	•		Spiral		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-7450	6	62	BJ1000AS1MY, CAV-110, CCA-1250
1/8 NPT	•		Spiral		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-9950	7	67	
1/8 NPT	•		Spiral		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1250		19	1250, 492-100, 492-022, BJ1000A-1, BJ1000AS1MY, CAV-110
1/8 NPT	•		Spiral		Stainless Steel	FAA-TSO-C76	Curtis	CCB-36750	7	72	1250, 492-100, 492-022, BJ1000A-1, BJ1000A-2
1/4 NPT			Push		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-5900	7	59	BJ1000AS1MX, CAV-160
1/4 NPT			Push	1/4"	14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-160H-4	1	14	BJ1000AH2
1/4 NPT			• Push		14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-160	1	13	BJ1000AS1MX, CCA-1300, CCA-1600, CCA-4900
1/4 NPT			• Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1900 New!	1	28	CAV-160, BJ1000AS1MX
1/4 NPT			• Push		304 Stainless	FAA-TSO-C76	SAF-AIR	SA-60S	1	100	
1/4 NPT		•	• Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA14	1	94	CCA-2600, F391-14
1/4 NPT		•	• Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2600	7	37	F391-14, SA-14
1/4 NPT	•		• Push		360 Brass	FAA-TSO-C76	SAF-AIR	2500	1	2	BJ1000A-2, CCA-1300, CCA-1600, CCA-4900
1/4 NPT	•		Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	2500H	1	6	BJ1000AH2
1/4 NPT	•		Push		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-3600		43	
1/4 NPT	•		Push		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-4800	7	52	
1/4 NPT	•		Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1600		24	2500, BJ1000A-2
1/4 NPT	•		Spiral		Brass, Cad Plate	FAA-TSO-C76	Curtis	CCA-4900		54	2500, BJ1000A-2
1/4 NPT	•		Spiral		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-1300		20	2500, BJ1000A-2

Continued on the next page

**Fuel Drain Valve Selection Table** (continued from previous page)

Thread	Locking Type	Flush Mounted Type	Use Pin Type Cup	Open Action	Hose Adapter Size	Material	Approval Type and Conformity Notes	OEM	Part Number and Notes	See Figure on pg 52	Alternate P/Ns
1/4 NPT	•			Spiral		Stainless Steel	FAA-TSO-C76 ¹	Curtis	CCA-39000	46	
3/8 NPT	•			Push		Brass, Unplated	FAA-TSO-C76 ²	Curtis	CCA-1650	25	BJ1000A-3, P3750
3/8 NPT	•		•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	P3750	87	
3/8 NPT	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ³	Curtis	CCA-4950	55	BJ1000A-3, P3750
3/8 NPT	•			Spiral		Brass, Unplated	FAA-TSO-C76 ³	Curtis	CCA-1350	21	
3/8-24 UNF			•	Push		14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-180	17	1100B52Z
3/8-24 UNF				Push	1/4"	14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-180H-4	18	
3/8-24 UNF			•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2000 New!	29	CAV-180, 1100B52Z
3/8-24 UNF		•	•	Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA32	97	CCA-2700, F391-32, S2106-1
3/8-24 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2700	38	F391-32, S2106-1, SA-32
3/8-24 UNF	•		•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	3750	3	
3/8-24 UNF	•		•	Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	3750H	7	
1/2-20 UNF		•	•	Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA82	102	C100360, CCA-2900, F391-82, S2020-1
1/2-20 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2900	40	C100360, F391-82, S2020-2, SA-82
1/2 NPT	•			Push		Brass, Unplated	FAA-TSO-C76 ¹¹	Curtis	CCA-1700	26	
1/2 NPT	•			Push	3/8"	Brass, Unplated	FAA-TSO-C76 ⁹	Curtis	CCB-37000	73	
1/2 NPT	•			Spiral		Brass, Unplated	FAA-TSO-C76 ¹¹	Curtis	CCA-1400	22	
5/8-18 UNF	•			Spiral		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-39550	48	
5/8-18 UNF	•			Spiral	3/8"	Brass, Unplated	None	Curtis	CCA-39560	49	
3/4-16 UNF		•	•	Push		Aluminum	FAA-TSO-C76	SAF-AIR	F75	81	
3/4-16 UNF		•		Push		Alum, Anodized	FAA-TSO-C76	SAF-AIR	SA5817-4C	99	710C-4
3/4-16 UNF		•		Spiral		Alum, Anodized	10	Curtis	CCB-36350-1	68	971D, 971D-1, F75
3/4-16 UNF	•	•		Push		Alum, Anodized	None	Curtis	CCB-36450	69	
3/4-16 UNF	•	•		Push		Alum, Anodized	10	Curtis	CCB-36450-5	70	
3/4-16 UNF	•	•		Push		Alum, Anodized	10	Curtis	CCB-37500	74	
3/4-16 UNF	•	•		Spiral		Alum, Anodized	10	Curtis	CCA-7500	63	
3/4-16 UNF	•	•		Spiral		Alum, Anodized	10	Curtis	CCA-7500-1	64	
3/4-16 UNF	•	•		Spiral		Alum, Anodized	10	Curtis	CCA-7500-2	65	
3/4-16 UNF	•	•		Spiral		Alum, Anodized	10	Curtis	CCB-7500-5	66	
3/4-16 UNF	•	•		Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁶	Curtis	CCA-7250	61	
7/16-20 UNF				Push		Alum, Anodized	FAA-TSO-C76	SAF-AIR	4350-6L	8	
7/16-20 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCB-4320	75	110B52Z-G, CAV-170
7/16-20 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-5800-3	58	110B52Z-G, CAV-170
7/16-20 UNF				Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-5800-1	57	110B52Z-G, CAV-170
7/16-20 UNF			•	Push		14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-170	15	110B52ZG, CCA-4300, CCA-5800-1, CCA-5800-3, CCB-4320
7/16-20 UNF				Push	1/4"	14L 12 Steel, Cad Plate	FAA-PMA	SAF-AIR	CAV-170H-4	16	BJ1000AHS-1
7/16-20 UNF			•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2100 New!	30	CAV-170, 110B52ZG
7/16-20 UNF		•	•	Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA53S	98	F391-53S
7/16-20 UNF		•	•	Push		1144 Steel, Cad Plate	FAA-TSO-C76	SAF-AIR	SA72	101	CCA-2800, F391-72, S2106-2
7/16-20 UNF		•	•	Push		Brass, Unplated	FAA-TSO-C76	Curtis	CCA-2800	39	F391-72, S2106-2, SA-72
7/16-20 UNF	•		•	Push		360 Brass	FAA-TSO-C76	SAF-AIR	4375	4	71D-4, BJ1000AS1M, CCA-4300, CCA-5800-1
7/16-20 UNF	•			Push	1/4"	360 Brass	FAA-TSO-C76	SAF-AIR	4375H	9	BJ1000AHS1, CCA-5400
7/16-20 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁷	Curtis	CCA-4300	50	110B52Z-G, 4375, 71D-4, BJ1000AS1M, CAV-170, CCA-5800-1
7/16-20 UNF	•			Spiral	1/4"	Brass, Cad Plate	FAA-TSO-C76 ⁹	Curtis	CCA-5400	56	4375H, BK1000AHS1
9/16-18 UNF				Push		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-31300	41	
9/16-18 UNF				Spiral		Alum, Anodized Red	FAA-TSO-C76 ⁸	Curtis	CCA-39500	47	
9/16-18 UNF				Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-36400	45	
9/16-18 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ⁸	Curtis	CCA-4350	51	
9/16-18 UNF	•			Spiral		Brass, Cad Plate	FAA-TSO-C76 ¹¹	Curtis	CCA-6000	60	

Part Notes:

- Replacement O-rings: see tables to the right
- Stem can be cut to length per the application
- Used on bladder style wing tanks
- Hose attaches to the valve with a 7/16-20 flare fitting
- Can be used in highly corrosive applications such as salt water.
- One arm stem with turn-to-lock action
- Lock wire drilled
- Button-style push action
- With stem for turning action
- With screwdriver slot
- With screen over screwdriver slot and mounting hardware
- With mounting hardware (washer & two nuts installed)
- Meets lightning safety requirement Mil-C-38373, Paragraph 4.6.14
- P/N SA18 has a hex size of 5/8". P/N SA187 has a hex size of 1/2".
- Valve inlet is below the threads and o-ring seals against hex face. See figure 100 on page 62.

Conformity Notes:

- Conforms to USAF Spec 28208
- Conforms to USAF Spec 49F9798-49
- Conforms to USAF Spec 28208 and 49F9798-49
- Conforms to USAF Spec 28208 and 49F9798-50
- Conforms to USAF Spec 28208 and 49F9798-51
- Conforms to USAF Spec 28208, 49F9798-53 and MIL-V-25023
- Conforms to USAF Spec 28208, 49F9798-52, MIL-V-25023 and MS29528-4
- Conforms to USAF Spec 28208, 49F9798-53, MIL-V-25023 and MS29528-6
- Conforms to USAF Spec 28208 and MIL-V-25023
- Conforms to USAF Spec 28208, MIL-V-25023 and MS29571
- Conforms to USAF Spec 49F9798-53 and MIL-V-25023
- For non-certified aircraft only

Replacement SealsSee valves with note ¹**SAF-AIR Seal Kits**

Add "K" or "-K".

**Curtis Field Replaceable O-rings**

Fuel Valve P/N	Stem Seal O-ring P/N MS29513-007	Mounting O-ring P/N MS29513-011	Mounting O-ring P/N MS29513-012
CCA-1800	•		
CCA-1900	•		
CCA-2000	•	•	
CCA-2100	•		•

Curtis Fuel Sampling Cup with McFarlane Logo**P/N MCCCCA-39680**

- Stainless steel pin, and fuel resistant crystal clear plastic.
- Convenient no-mess method of draining fuel to inspect for proper grade and contaminants.
- Works with any quick drain valve designed for a pin type cup. Pin diameter is 1/8".



Bladder Tank Valve Conversion Kits

Bladder tank valve kits replace any existing fuel drain valve on Beechcraft, Piper, or Cessna aircraft. Samples are taken by pushing against the surface of the wing instead of the rubber bladder tank, prolonging the life of the tank. Housing only sold separately, P/N B187-7.

Kit P/N	Aircraft	Approval
FFCB-B187	Beechcraft	FAA-TSO-C76
FFCC-B187	Cessna	FAA-TSO-C76
FFCP-B187	Piper	FAA-TSO-C76

Manufactured by Floats and Fuel Cells Inc



Flush Valve Fuel Plate

Supports applications where added stability is needed to mount a flush mount valve directly into a wet wing or fuel tank. CCB-36450-5 flush mounted fuel drain valve is included.

- 2.75" Overall Diameter
- 1 1/2" from mounting surface to bottom hole diameter
- For non-certified aircraft only

P/N	Description
PLT-275V	Flush Valve Fuel Plate without mounting holes. Includes CCB-36450-5 flush mounted drain valve.
PLT-275AV	Flush Valve Fuel Plate with mounting holes drilled. Includes CCB-36450-5 flush mounted drain valve.



Quick Drain Security Kits

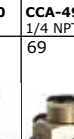
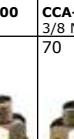
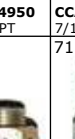
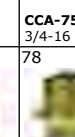
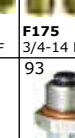
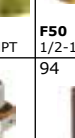
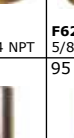
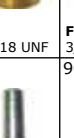
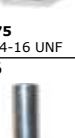
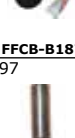
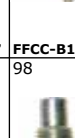
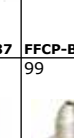
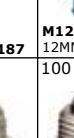
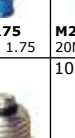
Convenient kits prevent theft of fuel and tampering with valves.



Kit P/N	Kit Contains
CCA-39700-2	(2) CCA-39650 Quick Drain Valves 1 (2) CCA-39660 Quick Drain Locks (2) CCA-39670 Master Keys (1) CCA-39680 Fuel Sample Cup
CCA-39700-4	(4) CCA-39650 Quick Drain Valves 1 (4) CCA-39660 Quick Drain Locks (2) CCA-39670 Master Keys (1) CCA-39680 Fuel Sample Cup
CCA-39700-6	(6) CCA-39650 Quick Drain Valves 1 (6) CCA-39660 Quick Drain Locks (2) CCA-39670 Master Keys (1) CCA-39680 Fuel Sample Cup

1 1/8" NPT Thread, Push to open, Non-locking

Figures 1-102 Photos are not to scale relative to each other

1  1250 1/8 NPT	2  2500 1/4 NPT	3  3750 3/8-24 UNF	4  4375 7/16-20 UNF	5  1250H 1/8 NPT	6  2500H 1/4 NPT	7  3750H 3/8-24 UNF	8  4350-6L 7/16-20 UNF	9  4375H 7/16-20 UNF	10  C500	11  CAV-110 1/8 NPT	12  CAV-110H-4 1/8 NPT	13  CAV-160 1/4 NPT	14  CAV-160H-4 1/4 NPT	15  CAV-170 7/16-20 UNF
16  CAV-170H-4 7/16-20 UNF	17  CAV-180 3/8-24 UNF	18  CAV-180H-4 3/8-24 UNF	19  CCA-1250 1/8 NPT	20  CCA-1300 1/4 NPT	21  CCA-1350 3/8 NPT	22  CCA-1400 1/2 NPT	23  CCA-1550 1/8 NPT	24  CCA-1600 1/4 NPT	25  CCA-1650 3/8 NPT	26  CCA-1700 1/2 NPT	27  CCA-1800 1/8 NPT	28  CCA-1900 1/4 NPT	29  CCA-2000 3/8-24 UNF	30  CCA-2100 7/16-20 UNF
31  CCA-2440 14MM 1.50	32  CCA-2450 12MM 1.75	33  CCA-2460 1/2-20 UNF	34  CCA-2475 12MM 1.75	35  CCA-2485 1/2-20 UNF	36  CCA-2500 1/8 NPT	37  CCA-2600 1/4 NPT	38  CCA-2700 3/8-24 UNF	39  CCA-2800 7/16-20 UNF	40  CCA-2900 1/2-20 UNF	41  CCA-31300 9/16-18 UNF	42  CCA-3400	43  CCA-3600 1/4 NPT	44  CCA-36150 1/8 NPT	45  CCA-36400 9/16-18 UNF
46  CCA-39000 1/4 NPT	47  CCA-39500 9/16-18 UNF	48  CCA-39550 5/8-18 UNF	49  CCA-39560 5/8-18 UNF	50  CCA-4300 7/16-20 UNF	51  CCA-4350 9/16-18 UNF	52  CCA-4800 1/4 NPT	53  CCA-4850 1/8 NPT	54  CCA-4900 1/4 NPT	55  CCA-4950 3/8 NPT	56  CCA-5400 7/16-20 UNF	57  CCA-5800-1 7/16-20 UNF	58  CCA-5800-3 7/16-20 UNF	59  CCA-5900 1/4 NPT	60  CCA-6000 9/16-18 UNF
61  CCA-7250 3/4-16 UNF	62  CCA-7450 1/8 NPT	63  CCA-7500 3/4-16 UNF	64  CCA-7500-1 3/4-16 UNF	65  CCA-7500-2 3/4-16 UNF	66  CCB-7500-5 3/4-16 UNF	67  CCA-9950 1/8 NPT	68  CCB-36350-1 3/4-16 UNF	69  CCB-36450 3/4-16 UNF	70  CCB-36450-5 3/4-16 UNF	71  CCB-36700 1/8 NPT	72  CCB-36750 1/8 NPT	73  CCB-37000 1/2 NPT	74  CCB-37500 3/4-16 UNF	75  CCB-4320 7/16-20 UNF
76  F10 1"-18 UNF	77  F167 3/4-16 UNF	78  F175 3/4-14 NPT	79  F50 1/2-14 NPT	80  F62 5/8-18 UNF	81  F75 3/4-16 UNF	82  FFCB-B187	83  FFCC-B187	84  FFCP-B187	85  M12175 12MM 1.75	86  M20150 20MM 1.50	87  P3750 3/8 NPT	88  P5000 1/2-14 NPT	89  P7500 3/4-14 NPT	90  S1000 1"-18 UNF
91  S5020J 1/2-20 UNF	92  S6250 5/8-18 UNF	93  S7516 3/4-16 UNF	94  SA14 1/4 NPT	95  SA18 1/8 NPT	96  SA187 1/8 NPT	97  SA32 3/8-24 UNF	98  SA53S 7/16-20 UNF	99  SA5817-4C 3/4-16 UNF	100  SA-60S 1/4 NPT	101  SA72 7/16-20 UNF	102  SA82 1/2-20 UNF			



Locking Oil Drain Valves

Feature a detent to lock in the open position.

Oil Drain Valves Selection Guide

Thread: "UNF" (Fine thread) type are straight, non-sealing threads that rely on an o-ring to provide a seal. "NPT" (Pipe Thread) type are tapered threads that seal as they are tightened. Others are metric threads. Measure the O.D. of the thread on the valve you are replacing and compare to the thread specification table in maintenance tips to determine the correct thread size.

Open Action: Spiral valves require a push and turn action to open.

Hose Adapter: A hose adapter may be attached to the indicated valves for ease of draining. The size indicates the hose I.D.



P/N S6250

Thread	Open Action	Hose Adapter Size	Material	Approval	OEM	Part Number	See Figure on pg 52	
1/2-14 NPT	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	P5000	88	
1/2-14 NPT	Spiral		360 Brass, 302 Stainless	FAA-PMA	SAF-AIR	F50	79	
1/2-20 UNF	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	S5020J	91	
1/2-20 UNF	Spiral	3/8"	Brass, Unplated	None	6	Curtis	CCA-2460	33
1/2-20 UNF	Spiral	3/8"	Brass, Unplated	None	6	Curtis	CCA-2485	35
3/4-14 NPT	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	P7500	89	
3/4-14 NPT	Spiral		360 Brass, 302 Stainless	FAA-PMA	SAF-AIR	F175	78	
3/4-16 UNF	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	S7516	93	
3/4-16 UNF	Spiral		360 Brass, 302 Stainless	FAA-PMA	SAF-AIR	F167	77	
5/8-18 UNF	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	S6250	92	
5/8-18 UNF	Spiral		360 Brass, 302 Stainless	FAA-PMA	SAF-AIR	F62	80	
1"-18 UNF	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	S1000	90	
1"-18 UNF	Spiral		360 Brass, 302 Stainless	FAA-PMA	SAF-AIR	F10	76	
12MM 1.75	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	M12175	85	
12MM 1.75	Spiral	3/8"	Brass, Unplated	None	6	Curtis	CCA-2450	32
12MM 1.75	Spiral	3/8"	Brass, Unplated	None	6	Curtis	CCA-2475	34
14MM 1.50	Spiral	3/8"	Brass, Unplated	None	6	Curtis	CCA-2440	31
20MM 1.50	Push		6061 Aluminum, 302 Stainless	FAA-PMA	SAF-AIR	M20150	86	

1 Includes P/N CCA-2450 valve and P/N CCA-2470 adapter

2 Includes P/N CCA-2460 valve and P/N CCA-2480 adapter

3 Replacement o-ring kits available. Add "K" or "-K" to valve part number.

4 Use replacement o-ring kit p/n P5000-K

5 Two piece, low profile valve. P/N F50-180 opener that attaches straight out of the valve is included. P/N F50-90 opener which attaches at a 90 angle is also available.

6 For non-certified aircraft only

Quick Drain Hoses

Curtis Quick Drain Hoses are designed to work with the Curtis Quick Drain Valves. In most cases, a simple push and twist action locks the Quick Drain Hose in place. Waste liquid flows through five feet of high grade vinyl tubing, preventing messy spills and making a safer, cleaner environment. Tubing will not harden in sub-freezing temperatures.



P/N CCB-39600-5

P/N	Connector Color	Used with Valve P/N
CCB-39600-1	Black	CCA-1400, CCA-1700, CCA-39550
CCB-39600-2	Blue	CCA-1350, CCA-2450, CCA-1650, CCA-4950
CCB-39600-3	Yellow	CCA-1300, CCA-1600, CCA-3400, CCA-3600, CCA-4800, CCA-4900, CCA-39000
CCB-39600-4	Silver	CCA-4350, CCA-7250, CCA-36400, CCB-36650
CCB-39600-5	Brass	CCA-1250, CCA-1550, CCA-4300, CCA-7450, CCA-9950, CCB-36750

Manufactured by Curtis Superior Drain Co., Inc.

Oil Drain Valve Adapters and Openers

Used with CCA-2450 and CCA-2460 oil drain valves to adapt to Rotax and Jaribu engines.

Adapters are for non-certified aircraft only.



P/N CCA-2470



P/N F50-90

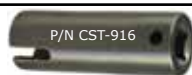


P/N F50-180

P/N	Thread	Material	Description
CCA-2470	12MM 1.75	Aluminum	Rotax 90-Degree adapter for CCA-2450 oil drain valve
CCA-2474			
CCA-2480	1/2-20 UNF	Aluminum	Jaribu 90-Degree adapter for CCA-2460 oil drain valve
F50-90			Opener - attaches at a 90 degree angle from valve.
F50-180			Opener - attaches straight out of the valve.

Installation Sockets

Used to torque valves to desired specifications and also prevents valve damage upon installation and removal.



P/N CST-916

P/N	For use with valve P/N
CST-78	Fits all 7/8 Hex Valves CCA-1400, CCA-1700, CCB-37000, CCA-39550, CCA-39560
CST-716	Fits all 7/16 Hex Valves CCA-1250, CCA-1550, CCA-4850, CCA-7450, CCA-9950, CCA-36150, CCA-36750
CST-916	Fits all 9/16 Hex Valves CCA-1300, CCA-1600, CCA-3600, CCA-4800, CCA-4900, CCA-5900, CCA-39000
CST-1116	Fits all 11/16 Hex Valves CCA-1350, CCA-1650, CCA-2440, CCA-2450, CCA-2460, CCA-4320, CCA-4950, CCA-5400, CCA-5800-1
CST-36450	For removal of certain Curtis flush mounted valves CCB-36450, CCB-36450-5

Maintenance Tips:

Curtis Superior and SAF-AIR valves are designed for installation in a standard NPT port for NPT threaded valves or an AND-10050 style port for UNF threaded valves. Use a sealant on NPT threaded valves or a fuel resistant o-ring of the proper size for UNF threaded valves. Refer to aircraft manufacturer's torque specifications for the aircraft in which it is being used or to the torque specifications in the table below for Curtis valves.

Keep valves reasonably clean and replace according to the prescribed synthetic rubber maintenance schedule for the specific aircraft or every 10 years per Curtis, whichever occurs first. Curtis Superior Valves cannot be overhauled. Replace the entire valve per the maintenance schedule of the aircraft or usable life per Curtis Superior Valve should it begin to leak.

SAF-AIR valves are designed to be disassembled and the o-rings replaced. Over time, if the valve should start to leak, check to make sure the drain valve is tight. If drain valve is found to be tight, then check the o-rings. All o-rings used are buna "n", MS29513 Style, MIL-P-5315. SAF-AIR o-ring seal kits are available for most of their valves. Add a "K" or "-K" suffix to the valve part number.

Thread Specifications

Thread O.D.	Thread	Curtis Torque Spec
0.375	3/8-24 UNF	80-85 In. Lbs
0.405	1/8-27 NPT	40-45 In. Lbs
0.438	7/16-20 UNF	80-85 In. Lbs
0.500	1/2-20 UNF	80-85 In. Lbs
0.540	1/4-18 NPT	80-85 In. Lbs
0.563	9/16-18 UNF	80-85 In. Lbs
0.625	5/8-18 UNF	100-115 In. Lbs
0.675	3/8-18 NPT	105-115 In. Lbs
0.750	3/4-16 UNF	80-85 In. Lbs
0.840	1/2-14 NPT	155-165 In. Lbs

Special Threads with Crush Washers

Valve P/N	Thread	Curtis Torque Spec
CCA-2450	12MM 1.75	60-75 In. Lbs
CCA-2460	1/2-20	60-70 In. Lbs
CCA-2470	12MM 1.75	60-70 In. Lbs
CCA-2480	12-50	60-70 In. Lbs

Replacement Curtis Style Seals

Curtis style seals are also available for use with Curtis Superior valve p/ns CCA-4850 and CCA-3400 when used on certain Beech B55, E55, and 58 series aircraft as shown below.

Seal P/N	Valve P/N	Aircraft	Serial Number
CACCA1269	CCA-4850	B55	TC-1608 thru TC-2071
		E55	TE-938, TE-943 thru TE-1102
		58	TH-1 thru TH-2124
CACCA1319	CCA-3400	B55	TC-1608 and On
		E55	TE-938, TE-943 and On
		58	TH-1 thru TH-2124

P/Ns CACCA1269 and CCA1319 use with autogas not recommended.

Manufactured by PMA Products Inc.

FAA-PMA Approved



Part Number	ID	OD	Thickness
CACCA1269	.100	.280 - .285	.064 - .068
CACCA1319	.150	.350	.058

Dimensions are in inches



Fuel Quantity Transmitters for Cessna and Piper Aircraft

McFarlane fuel quantity transmitters are direct replacements for originally installed Stewart Warner type fuel quantity transmitters. Eliminates the need for expensive transmitter conversion kits that require replacement of fuel gauges and wiring. McFarlane fuel quantity transmitters are engineered to be compatible with the original fuel quantity gauge and wiring which uses time proven technology and reliability. Each McFarlane fuel quantity transmitter is manufactured using the new Stewart Warner "thick film ceramic" resistor technology. The benefits are longer life and increased accuracy. All components are thoroughly tested to ensure reliable operation.

- Save hundreds of dollars!
- More accurate and lasts longer!
- Stewart Warner thick film resistor technology
- Direct replacement for original factory installed.



Convenient Kits

Available individually or as kits including one transmitter, gasket(s) and screw/seal assemblies as applicable.

See the following pages for use eligibility.

Installation Warning:

Do not replace the Rochester fuel quantity transmitter with the Stewart Warner transmitters. The electrical function is not compatible. Stewart Warner transmitters must be used to replace Stewart Warner transmitters only. Replacing the Rochester transmitter with the Stewart Warner transmitter will result in erroneous fuel quantity indications.

Some Cessna and Piper aircraft have been modified with a Service Kit to use the Rochester fuel quantity indicating system. This modification required changing the fuel quantity gage, transmitter, and other electrical components. Do not use the McFarlane (Stewart Warner) transmitters as a replacement for these aircraft.

McFarlane transmitters for Piper aircraft are not compatible with serial numbers other than those listed in the eligibility data.

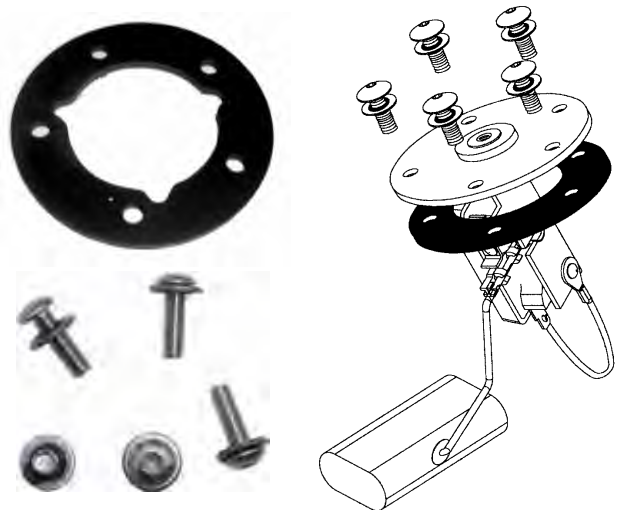


Gaskets and Screw-Seal Assemblies for Cessna and Piper Aircraft

McFarlane fuel quantity transmitter gaskets are made from Dupont Viton®. Viton is the premier elastomer of the aerospace industry, offering flexibility and fuel resistance at all temperature extremes. Viton gaskets will not dry out or shrink like cork gaskets and do not harden with age like gaskets made from other elastomers. McFarlane gaskets are available for most single engine Cessna and Piper aircraft.

McFarlane screw-seal assemblies for Cessna aircraft have been engineered to eliminate chronic problems associated with fuel quantity transmitter hardware. Hex drive head screws made from stainless steel eliminate the corrosion process. The hex drive promotes ease of installation and eliminates the necessity for destructive down pressure during transmitter screw removal and installation. The stainless steel/Viton seal used on the hex drive screw provides a positive seal around the screw. No more leaks and seeps!

McFarlane screw-seal assemblies for Piper aircraft use the same time proven seals as our Cessna screw/seal assemblies but use a slotted screw with safety wire holes.



See the following pages for use eligibility.

Fuel Transmitter Access Cover Gasket for Cessna Aircraft

Part Number MC0523619-1

- Retains position and shape with an adhesive backing!
- Prevents rain and occasional fuel spill from entering the wing!
- Available separately or in fuel quantity transmitter kits FQT-KT-1 and FQT-KT-2.
- Fits most Cessna aircraft with a fuel transmitter access opening on the top of the wing.

See the following pages for use eligibility.





Fuel System Parts



FAA-PMA Approved

Cessna Aircraft Installation Eligibility for Transmitters, Gaskets and Screw-Seal Assemblies

Aircraft Model	Eligible Serial Numbers	Fuel Quantity Transmitter	Fuel Quantity Transmitter Gasket	Screw/Seal Assembly	Fuel Quantity Transmitter Kit
150 150A,B,C,D,E,F,G,H,I,J,K,L,M A150K,L,M F150F,G,H,I,J,L,M FA150K,L FRA150L,M	17001 thru 59018 15059019 thru 15079405 A1500001 thru A1500734 F1500001 thru F1500390 FA1500001 thru FA1500120 FRA1500121 thru FRA1500336	Standard Tanks MC0426517-1 ²	MCS1588-1 MC0523619-1 (access cover gasket)	MCS35010R10 Replaces Cessna part numbers S350, AN960D10L and AN52010R8 when used to secure the fuel quantity transmitter. Quantity of 5 required per transmitter	FQT-KT-1 ⁹
150J ¹ F150J ¹	15069455 thru 15071128 F1500490 thru F1500529	Patrol Tanks N/A	MCS1588-1	MCS35010R14 Replaces Cessna part numbers S350, AN960D10L and AN52010R14 when used to secure the fuel quantity transmitter. Quantity of 5 required per transmitter	N/A
152 A152 F152 FA152	15279406 thru 15286033 A1520735 thru A1521049 F15201429 thru F15201980 FA1520337 thru FA1520425	Standard Tanks N/A Extended Range Tanks N/A	MCS1588-1	MCS35010R10 Replaces Cessna part numbers S350, AN960D10L and AN52010R10 when used to secure the fuel quantity transmitter. Quantity of 5 required per transmitter	N/A
172,172A, 172B,C,D,E,F,G,H,I,J,K,L,M,N,P ¹ F172D,E,F,G,H,K,L,M FR172E,F,G,H,J,K R172K FP172 P172D	36966 thru 47746 17247747 thru 17276516 F1720001 thru F17201234 FR17200001 thru FR17200675 R1722000 thru 1723454 FP1720001 thru FP1720003 P17257120 thru P17257188	MC0523557-1 See Notes ³ , ⁴ , ⁵	MCS1588-1 MC0523619-1 (access cover gasket)	MCS35010R10 Replaces Cessna Part Numbers S350, AN960D10L and AN52010R10 when used to secure the fuel quantity transmitter. Quantity of 5 required per transmitter	FQT-KT-2 ⁹
175, 175A,B,C	55001 thru 17557119	MC0523557-1	MCS1588-1 MC0523619-1 (access cover gasket)	MCS35010R10 Replaces Cessna Part Numbers S350, AN960D10L and AN52010R10 when used to secure the fuel quantity transmitter. Quantity of 5 required per transmitter	FQT-KT-2 ⁹
180A,B,C,D,E,F,G,H,I,K ¹	32662 thru 18053000	MC0726110-1 ⁵	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-3 ⁹
182A,B,C,D,E,F,G,H,I,J,K,L,M,N,P,Q ¹ A182J,K,L,M,N F182P,Q ¹	33843 thru 18266590 A1820001 thru A1820148 F1820001 thru F18200094	MC0726110-1 ⁵	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-3 ⁹
185,185A,B,C,D,E, A185E,F ¹	1850001 thru 18503683	MC0726110-1 ⁵	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-3 ⁹
188A, A188, A188A A188B T188C	1880445 thru 18803856 18802349T thru 18803968T T18803297T thru T18803968T	MCC668002-0201 ⁶	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-4 ⁹
210-5 (205), 210-5A (205A)	2050001 thru 2050577	MC0726110-1 ⁵	MCS1588-2 Quantity 2	MS35207-264 ⁷	FQT-KT-5 ⁹
206,U206,U206A,B,C,D,E,F,G ¹ TU206A,B,C,D,E,F,G ¹ P206,P206A,B,C,D,E,F,G ¹ TP206A,B,C,D,E	2060001 thru U20604649	MC0726110-1 ⁵	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-3 ⁹
207,207A ¹ /T207,T207A ¹	20700001 thru 20700482	MC0726110-1 ⁵	MCS1588-1	MS35207-264 ⁷	FQT-KT-6 ⁹
210,A,B,C,D,E,F/T210F	21057001 thru 21058818	MC0726110-1 ⁵	MCS1588-1 ⁸ MCS1588-2 ⁸	MS35207-264 ⁷	FQT-KT-3 ⁹

¹ Partial model eligibility

² This transmitter does not fit aircraft equipped with extended range fuel tanks.

³ Do not use this transmitter with gauge cluster P/N C669562-108 (Rochester® manufacture). This gage cluster could have been factory installed on aircraft built in 1978 or newer beginning with S/N 17269310.

⁴ Do not use this transmitter in aircraft with extended range fuel tanks with gage cluster P/N C669562-0109 (Rochester® manufacture). This gage cluster could have been factory installed on aircraft built in 1979 or newer beginning with S/N 17271035.

⁵ Includes aircraft with extended range fuel tanks.

⁶ 188 model series with wing fuel tanks only.

⁷ A seal is not used in this application. P/N MS35207-264 supercedes P/N AN52010R10. P/N MS35207-264 is an industry standard hardware component.

⁸ Where both MCS1588-1 (thick gasket) and MCS1588-2 (thin gasket) are required, install MCS1588-1 between the transmitter and rib and install MCS1588-2 between the fuel cell and rib.

⁹ Each kit contains one transmitter, one or two gaskets and five screws or screw/seal assemblies as applicable. The fuel transmitter access cover gasket P/N MC0523619-1 is included when purchasing kit P/N FQT-KT-1 and FQT-KT-2.



FAA PMA Approved

Piper Aircraft Installation Eligibility for Transmitters, Gaskets and Screw-Seal Assemblies

Aircraft Model	Eligible Serial Numbers	Fuel Quantity Transmitter	Fuel Quantity Transmitter Gasket	Screw/Seal Assemblies	Fuel Quantity Transmitter Kit
PA28-140	28-20551 thru 28-26956, 28-7125001 thru 28-7125651 28-7225001 thru 28-7225612, 28-7325001 thru 28-7325684 28-7425001 thru 28-7425454, 28-7525001 thru 28-7525350 28-7625001 thru 28-7625234, 28-7725001 thru 28-7725290	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28-150	28-1761 thru 28-4377	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28-151	28-7415001 thru 28-7415703, 28-7515001 thru 28-7515449 28-7615002 thru 28-7615435, 28-7715001 thru 28-7715314	MC68101-02	MC461-931	MC1802	FQTP-KT-2
PA28-160	28-1761 thru 28-4377	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28-161	28-7716002 thru 28-7716323, 28-7816001 thru 28-7816680 28-7916001 thru 28-7916598, 28-8016001 thru 28-8016373 28-8116001 thru 28-8116268, 28-8216007, 28-8216014, 28-8216017, 28-8216019, 28-8216021	MC68101-02	MC461-931	MC1802	FQTP-KT-2
PA28-180	28-1761 thru 28-5869, 28-7105001 thru 28-7105244 28-7205001 thru 28-7205328, 28-7305001 thru 28-7305611 28-7405001 thru 28-7405290, 28-7505001 thru 28-7505261	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28-181	28-7690001 thru 28-7690467, 28-7790001 thru 28-7790607 28-7890001 thru 28-7890551, 28-7990001 thru 28-7990589 28-8090001 thru 28-8090372, 28-8190001 thru 28-8190279 28-8290017, 28-8290018, 28-8290028, 28-8290033 28-8290034, 28-8290036	MC68101-02	MC461-931	MC1802	FQTP-KT-2
PA28R-180	28R-30005 thru 28R-30481, 28R-30483 thru 28R-31279 28R-7130001 thru 28R-7130019	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28R-200	28R-30482, 28R-35001 thru 28R-35830 28R-7135001 thru 28R-7135238, 28R-7235001 thru 28R-7235330 28R-7335001 thru 28R-7335455, 28R-7435001 thru 28R-7435331 28R-7535001 thru 28R-7535393, 28R-7635001 thru 28R-7635545	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA28-235	28-10003 thru 28-11393, 28-7110001 thru 28-7110042 28-7210001 thru 28-7210033, 28-7310001 thru 28-7310187 28-7410001 thru 28-7410120, 28-7510001 thru 28-7510145 28-7610001 thru 28-7610206, 28-7710001 thru 28-7710089	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA32-260	32-1 thru 32-1320 32-7100001 thru 32-7100038, 32-7200001 thru 32-7200055 32-7300001 thru 32-7300076, 32-7400001 thru 32-7400061 32-7500001 thru 32-7500053, 32-7600001 thru 32-7600033 32-7700001 thru 32-7700023, 32-7800001 thru 32-7800008	MC68101-02	MC462-021	MC1802	FQTP-KT-1
PA32-300	32-40000 thru 32-41018, 32-7140001 thru 32-7140086, 32-7240001 thru 32-7240147 32-7340001 thru 32-7340201, 32-7440001 thru 32-7440182 32-7540001 thru 32-7540198, 32-7640001 thru 32-7640142 32-7740001 thru 32-7740113, 32-7840001 thru 32-7840222	MC68101-02	MC462-021	MC1802	FQTP-KT-1

1 Transmitter is not interchangeable with "Rochester type" fuel quantity transmitters. Transmitter is not to be used in aircraft equipped with Rochester manufactured fuel gauges that may have been installed as a Piper service spare part, in accordance with a Piper Service Kit.

2 Each kit contains (1) Transmitter, (1) Gasket and (5) Screw/Seal Assemblies

Fuel Caps for Piper Aircraft

Improved materials and better design

- Fuel caps with "CA" prefix have fuel resistant elastomer to resist swelling, and a stronger lever that resists bending.
- P/N 3267 is a vented cap with a vertical fin on top for easy removal and made of stainless steel to prevent corrosion.

P/N	Cap	Replaces OEM P/N	Eligible Models
3267	Vented	10188-00, 454009	PA-11, PA-11S, PA-12, PA-12S, PA-14, PA-18, PA-20, PA-22 Series
CA16097N	Vented	160297-000	PA-23-235 and PA-23-250, s/n 27-1 thru 27-7554168
CA17672N	Vented	454-084, 17672-000	PA-23, PA-23-160
CA27221N	Non-vented	27221-00, 554-180	PA-24-180,-250,-260,-400, PA-30,PA-39

Manufactured by PMA Products, Inc. and F Atlee Dodge



P/N CA16097N



P/N 3267

Fuel Cap Seals for Piper, Beech, Mooney, and Cessna Citations

Don't pay \$750.00 for a fuel cap when you only need to replace the seal!

- Part numbers CA38241 and CA457-98:
 - The only seals that legally replace the main seal on many Beech, Cessna and Mooney fuel caps
 - Made of a fluorosilicone material with unlimited shelf life
 - CA38241: Molded seal with a lip - designed for "lightning proof" fuel caps
 - CA457-98: Round o-ring seal
- Part number CA66815-000: Round o-ring seal made of a nitrile rubber (Buna-N) (use with autogas not recommended)



Part Number	Replaces OEM P/N	Eligible Models
CA38241	Beech p/n 38241, 38283 used with p/n 38339, 100-381005-1 or 100-381005-5 fuel caps only	99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200T,B200C,B200CT,B300,B300C,1900,1900C,1900D
	Cessna	525 s/n 0549 and On, 650 s/n 0001 thru 0101 incorporating SB650-28-23, and 0102 and On, 680,750
	Mooney seals used with p/n 457-370 fuel caps only	M20C,D,E,F,G,J (with O&N Aircraft Mod. fuel bladders per STC SA2277CE and SA2350CE)
CA457-98	Beech p/n 457-98, 457-98-1	E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200T,B200C,B200CT
CA66815-000	Piper p/n 66815-000, 462-056 used with fuel cap assemblies p/n 66817-00, 39824-02, 38599-02 or 66817-02 only	PA-28-140,PA-28-150,-160,-180 s/n 27-1761 and On,PA-28-235, PA-28R-180 s/n 28R-30005 thru 28R-7130019, PA-28R-200 s/n 28R-30482, 28R-35001 thru 28F-7135238,PA-28-151,-161,PA-28-181,PA-28-236,PA-28-201T,PA-28-201, PA-28RT-201, -201T,PA32-260 s/n 32-1 and On,PA-32-300 s/n 32-40000 thru 32-7840222 and 32-7940001 and On,PA-32R-300 s/n 32R-7680001 and On, PA-32RT-300,PA-32RT-300T,PA-32R-301, PA-32R-301T,PA-32-301,301T,PA-38-112,PA-34-200,PA-34-220T,PA-44-180,-180T

Manufactured by PMA Products, Inc.

Fuel System Parts



FAA-PMA Approved

Cessna Fuel Filler Neck and Fuel Tank Adapter Gaskets

Replace dry, brittle gaskets to prevent water contamination in fuel.

Gaskets required to seal between the wing skin, fuel filler neck, fuel tank adapter and fuel tank.

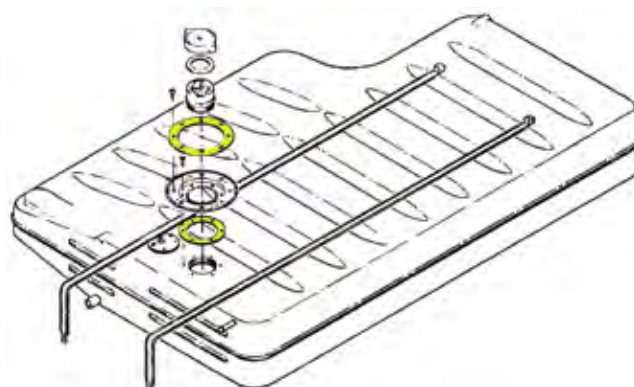
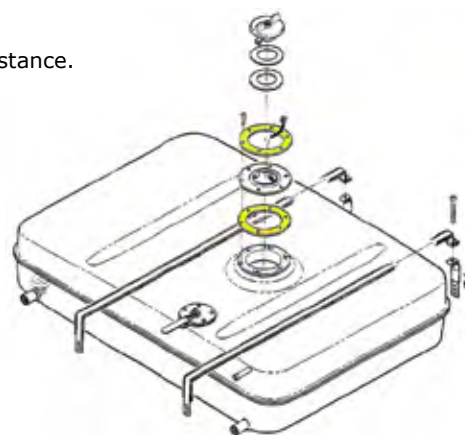
- Approved for most Cessnas with metal tanks
- Cork/rubber composite gaskets meet strict MIL-SPEC requirements for fuel resistance.
- Never reuse these gaskets
- Keeps water and contaminated spilled fuel out of the wings and fuel tanks.

New!

Aircraft	Serial Number	Qty per Aircraft	Part Number
140A	All	2	MC0523531
		2	MC0523532
150, 150A,B,C,D,E,F,G,H,J ¹	17001 thru 15069454	2	MC0523531
		4	MC0523532
150J ¹	15069455 thru 15071128	2	MC0523531
		4 ²	MC0523532
150K,L ¹	15071129 thru 15072628	2	MC0523531
		4 ²	MC0523532
150L ¹ ,M	15072629 thru 15079405	2	MC0426013-1
		2	MC0426013-2
A150K,L ¹	A1500001 thru A1500276	2	MC0523531
		4 ²	MC0523532
A150L ¹ ,M	A1500277 thru A1500734	2	MC0426013-1
		2	MC0426013-2
F150F,G,H,J	All	2	MC0523531
		4	MC0523532
F150K,L ¹	F15000530 thru F15000738	2	MC0523531
		4 ²	MC0523532
F150L ¹ ,M	F15000739 thru F15001428	2	MC0426013-1
		2	MC0426013-2
FA150K,L ¹	FA1500001 thru FA1500166	2	MC0523531
		4 ²	MC0523532
FA150L ¹ ,M	FA1500167 thru FA1500336	2	MC0426013-1
		2	MC0426013-2
152, A152, F152, FA152	All	2	MC0426013-1
		2	MC0426013-2
170A	All	A/R	MC0523531
		4	MC0523532
170B	All	2	MC0523531
		4	MC0523532
172, 172A,B,C,D,E,F,G,H,I	All	2	MC0523531
		4	MC0523532
172K,L ¹	17257162 thru 17259823	2	MC0523531
		4	MC0523532
172L ¹	17259824 thru 17259903	2	MC0523531
		4	MC0523532
172L ¹ ,M ¹	17259904 thru 17263458	2	MC0426013-1
		2	MC0426013-2
172M ¹ ,N,P,Q	17263459 thru 17276654	2	MC0426013-1
		2	MC0426013-2
F172D,E,F,G,H ¹	F172-0001 thru F172-0559	2	MC0523531
		4	MC0523532
F172H ¹ ,K	F172-0560 thru F17200804	2	MC0523531
		4	MC0523532
F172L,M ¹	F17200805 thru F17201234	2	MC0426013-1
		2	MC0426013-2
F172M ¹ ,N,P	F17201235 thru F17202254	2	MC0523531
		4	MC0523532
FP172, P172D	All	2	MC0523531
		4	MC0523532
FR172E,F,G,H ¹	FR17200001 thru FR17200300	2	MC0523531
		4	MC0523532
FR172H ¹ ,J,K	FR17200301 thru FR17200675	2	MC0426013-1
		2	MC0523531
R172E,F,G,H ¹	R172-0302 thru R1720494	2	MC0523531
		4	MC0523532
R172H ¹	R1720495 thru R1720620	2	MC0426013-2
		2	MC0426013-1
R172K	R1722000 thru R1723454	2	MC0523531
		4	MC0523532
175, 175A,B,C	All	2	MC0523531
		4	MC0523532

¹ Partial model eligibility.

² Requires 8 each per aircraft for aircraft with long range tanks.



Improved Upper Gasket P/N MC0523531
Thicker, softer material for a better seal around the tinnerman clips.



Fuel Bowl Gaskets for Cessna 300 and 400 Series Aircraft

Part Number	Replaces OEM P/N	Eligible Models
CAB3-11-1	Cessna P/N CAB3-11-1	300 series (except 303), 400 series (except 402C, 406, 425, 441)



Manufactured by
PMA Products, Inc.

To Order Call Goulet Aircraft Supply Ltd. @ 1-204-783-8512

Marvel-Schebler Fuel Inlet Screen Gaskets and Cotter Keys

The copper gaskets should be changed when finger screens are inspected at each annual inspection.

- Fits many carbureted aircraft!
- Cad plated for corrosion resistance!
- Save up to 70%!



Fuel and Alcohol Pumps for Cessna, Piper, and Beech Aircraft

Save over \$400 off OEM List!

- FAA-PMA approved - unconditional one year warranty
- Modern solid state pumps - more dependable and use less current than the old breaker point pumps
- Internal check valve to prevent backflow
- Replacement filter kit p/n CA42370 available for Piper and Beechcraft pumps



Part Number	Replaces OEM P/N	Eligible Models
CA476284E-1	Beechcraft p/n 476284	55,A55,B55,C55,D55,E55,56TC,A56TC,58,58P,58TC,60,A60,B60,A65,70,B80,E95,C90,E90,F90 s/n LA-2 thru LA-56,100,A100 s/n B-1 thru B-247,200 s/n BB-2 thru BB-665,200T s/n BT-1 thru BT-16, 200C s/n BL-1 thru BL-9,99,99A,A99A,B99,C99,T-34C s/n GL-1 and On,T-44A
CA6508092-1A	Cessna p/n 476411, 6508091-1, and 6508092	310Q,310R,335,340,340A,410B,402B,402C,404,414,414A,421B,425,441,525,560,650
CA35328-800E	Piper p/n 35328-800 and 481-666 (STC)	PA23, PA-23-150,-160,-235,-250,-250 (6 place), s/n 27-1 thru 27-2504 (14v), PA24, PA-24-180,-250,-260, s/n 24-3642,24-4000 thru -4782, and 24-4781 thru -4803,PA-28-140,-150,-160,-180,PA-28-151,-161 (14v),-181 s/n 28-7690001 thru -7990626 and -8090001 and On (14v),PA-38-112
CA5628-800E	Piper p/n 65628-800 (STC)	PA-28-235,-236,PA-32-260,PA-44-180 with STC SA02579AT installed

Manufactured by PMA Products, Inc.

Fuel Selector and Fuel Shut-Off Valves For Cessna Aircraft

Repaired Valves

We can repair your valve or you can purchase one from our stock and return yours for core credit. Many valves are in stock and ready to ship!

- Repaired by experienced A&P technicians.
- Cleaned, inspected and assembled with all new fluorocarbon o-rings, seals, gaskets, hardware and parts as required.
- Pressure tested for leaks and evaluated for proper fuel flow.
- "Return to Service" tag provided.



Repair kits - part numbers FSO-KT-1 thru FSO-KT-24

Contains all required hardware to reseal and perform a repair (seals, springs, o-rings, roll pins, washers, screws, balls and plug). FSO-KT-1 for 0716613 series valves includes the parts contained in Cessna P/N 0716613-200 and -201 seal kits plus additional hardware required for a basic repair. All parts are FAA approved or certified industry standard hardware.

Many Cessna Fuel valves (including the 0716613 series) require special tools and processes for reassembly. For convenience an experienced A&P technician at McFarlane can repair your valve. See above for details.

Seal Kits - part numbers FSS-KT-1 thru FSS-KT-20

Only McFarlane has FAA approval to replace the old, less fuel resistant o-rings with the latest fuel-proof fluorocarbon o-rings!

Fuel Selector Valve and Shut Off Valve Seal kits are conveniently packaged to include all of the necessary o-rings and/or gaskets applicable to specific single engine Cessna aircraft models. McFarlane replaces the old Buna N or Nitrile (MS Series) o-rings and early synthetic rubber (NAS Series) o-rings with fluorocarbon elastomer, which has improved fuel and heat resistance. Cork/Rubber gaskets meet tough government standards for fuel resistance.



Replacement Parts

McFarlane has a complete line of replacement parts for Cessna fuel valves including detent plates, springs, plastic seals, cams and much more in stock and ready to ship.

Gaskets and O-rings

Gaskets can be purchased individually or as convenient kits.

O-Rings can be purchased in quantities of 10 each or as convenient kits!



See the following pages for kit and valve eligibility.

Maintenance Tip:

The fuel selector valve works in unscreened fuel. Contaminated fuel can cause selector valve seal damage. When fueling from possibly contaminated fuel sources McFarlane recommends the use of a fuel filter, such as Mr. Funnel or another filtering device, to reduce trash in the fuel system.

See page 200 for additional information on Mr. Funnel fuel filters





Fuel System Parts



FAA-PMA Approved

Eligibility for Repaired Fuel Selector and Fuel Shut Off Valves and Kits for Cessna Aircraft

Model	Serial Number	Fuel Selector Valve			Fuel Shut-Off Valve		
		Part Number	Seal Kit	Repair Kit	Part Number	Seal Kit	Repair Kit
120,140	8001 thru 15075	0411716S, 108HD1/4X1/4X1S					
140A	15200 thru 15724	0413020-3S					
150 ¹	17001 thru 17769				0411803-2S 9851078-2S ³		
150 ¹ , 150A,B,C,D,E,F,G	17770 thru 15067198				0411803-5S 0411803-6S		
150H,J,K,L ¹	15067199 thru 15073658				0411803-6S		
150L ¹ ,M ¹	15073659 thru 15078505				0411803-8S		
150M ¹	15078506 thru 15079405				9851070-2S	FSS-KT-1	FSO-KT-2
A150K,L ¹	A1500001 thru A1500342				0411803-6S		
A150L ¹	A1500343 thru A1500523				0411803-8S		
A150L ¹	A1501001 thru A1501018				0411803-6S		
A150L ¹ ,M ¹	A1501019 thru A1500684				0411803-8S		
A150M ¹	A1500685 thru A1500734				9851070-2S	FSS-KT-1	FSO-KT-2
A-A150L ¹	A-A1500001 thru A-A1500006				0411803-6S		
A-A150L ¹	A-A1500007 thru A-A1500009				0411803-8S		
F150F,G,H,J,K,L ¹	F150-0001 thru F15000863				0411803-6S		
F150L ¹ ,M ¹	F15000864 thru F15001338				0411803-8S		
F150M ¹	F15001339 thru F15001428				9851070-2S	FSS-KT-1	FSO-KT-2
FA150K,L ¹	FA1500001 thru FA1500166				0411803-6S		
FA150L ¹ ,M ¹	FA1500167 thru FA1500311				0411803-8S		
FA150M ¹	FA1500312 thru FA1500336				9851070-2S	FSS-KT-1	FSO-KT-2
FRA150L ¹	FRA1500121 thru FRA1500166				0411803-6S		
FRA150L ¹ ,M ¹	FRA1500167 thru FRA1500311				0411803-8S		
FRA150M ¹	FRA1500312 thru FRA1500336				9851070-2S	FSS-KT-1	FSO-KT-2
152/A152/F152/FA152	All				9851070-2S	FSS-KT-1	FSO-KT-2
170 ¹	18003 thru 18573	0511122S ³					
170 ¹	18574 thru 18729	0511160S					
170A,B ¹	18730 thru 20285	0413020-3S					
170B ¹	20286 thru 27169	0513120-5S	FSS-KT-2	FSO-KT-17			
172, 172A,B,C	28000 thru 17249544	0513120-5S	FSS-KT-2	FSO-KT-17			
172D,E	17249545 thru 17251822	0513120-6S ⁴	FSS-KT-2	FSO-KT-17			
172F,G,H,I,K,L,M	17251823 thru 17267584	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17			
172N,P ¹	17267585 thru 17275034	9851067-4S	FSS-KT-5	FSO-KT-13			
172P ¹ , Q	17275035 thru 17276259	9851096-2S, 9851096-5S	FSS-KT-4 ²	FSO-KT-7 ²			
172P ¹	17276260 thru 17276654	9851096-5S	FSS-KT-4 ²	FSO-KT-7 ²			
172R,S	17280001 & On, 172S8001 & On	9851096-5S	FSS-KT-4	FSO-KT-7	S1903-2		
172RG ¹	172RG0001 thru 172RG0890	9851067-7S	FSS-KT-4	FSO-KT-15			
172RG ¹	172RG0891 thru 172RG1177	9851096-2S, 9851096-5S	FSS-KT-4	FSO-KT-7			
172RG ¹	172RG1178 thru 172RG1191	9851096-5S	FSS-KT-4	FSO-KT-7			
F172D,E	F172-0001 thru F172-0085	0513120-6S ⁴	FSS-KT-2	FSO-KT-17			
F172F,G,H,K,L,M	F172-0086 thru F17201514	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17			
F172N,P ¹	F17201515 thru F17202134	9851067-4S	FSS-KT-5	FSO-KT-13			
F172P ¹	F17202135 thru F17202254	9851096-2S, 9851096-5S	FSS-KT-4 ²	FSO-KT-7 ²			
FR172E,F,G,H,J ¹	FR17200001 thru FR17200390	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17	0716111-1SF	FSS-KT-16	FSO-KT-3
FR172J ¹	FR17200391 thru FR17200530	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17	0716111-2S ³		
FR172J ¹	FR17200531 thru FR17200590	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17			
R172K, FR172K	ALL	0513120-200S, ⁴ 0513120-8S ⁴	FSS-KT-2	FSO-KT-17	0716109-1S	FSS-KT-17	FSO-KT-5
P172/FP172	All	0513120-6S ⁴	FSS-KT-2	FSO-KT-17			
175,175A,B	55001 thru 17557002	0513120-5S	FSS-KT-2	FSO-KT-17			
175C	17557003 thru 17557119	0513120-6S ⁴	FSS-KT-2	FSO-KT-17			
177,177A,B	All	0513120-9S	FSS-KT-2	FSO-KT-17	S1903-1S	FSS-KT-16	FSO-KT-4
177RG ¹	177RG0001 thru 177RG0282				0716111-4S, S1903-2S	FSS-KT-16	FSO-KT-4
177RG ¹	177RG0283 thru 177RG0314	0716613-4S	FSS-KT-18	FSO-KT-1			
177RG ¹	177RG0315 thru 177RG1051	0716613-5S	FSS-KT-18	FSO-KT-1			
177RG ¹	177RG1052 thru 177RG1366	9851067-6S	FSS-KT-5	FSO-KT-13			
F177RG ¹	F177RG0001 thru F177RG0062				0716111-4S, S1903-2S	FSS-KT-16	FSO-KT-4
F177RG ¹	F177RG0063 thru F177RG0077	0716613-4S	FSS-KT-18	FSO-KT-1			
F177RG ¹	F177RG0078 thru F177RG0160	0716613-5S	FSS-KT-18	FSO-KT-1			
F177RG ¹	F177RG0161 thru F177RG0177	9851067-6S	FSS-KT-5	FSO-KT-13			
180,180A,B,C,D,E,F,G,H,J	30000 thru 18052770	0311070-1S	FSS-KT-6	FSO-KT-16			
180K	18052771 thru 18053203	9851067-5S	FSS-KT-5	FSO-KT-13			

¹ Partial model eligibility

² Use FSS-KT-3 and FSO-KT-8 if equipped with air conditioner

³ Part number listed for reference only

⁴ The detent housing type must be verified by McFarlane's technician before purchasing an exchange unit from our stock. Please call 844-567-5855.

Eligibility continued on next page.



FAA PMA Approved

Eligibility for Repaired Fuel Selector and Fuel Shut Off Valves and Kits for Cessna Aircraft

Model	Serial Number	Fuel Selector Valve			Fuel Shut-Off Valve		
		Part Number	Seal Kit	Repair Kit	Part Number	Seal Kit	Repair Kit
182,182A,B,C,D	33000 thru 18253598	0311070-1S	FSS-KT-6	FSO-KT-16			
182E,F,G,H,J,K,L,M,N,P	18253599 thru 18265175	0716613-1S	FSS-KT-18	FSO-KT-1			
182Q,R ¹	18265176 thru 18268055	9851067-5S	FSS-KT-5	FSO-KT-13			
182R ¹	18268056 thru 18268434	9851096-1S	FSS-KT-5	FSO-KT-6			
182R ¹ , 182S	18268435 and On	9851096-3S	FSS-KT-7	FSO-KT-9			
182T	18280945 thru 18299999	9851116-1S, 9851116-2S	FSS-KT-8	FSO-KT-23			
A182J,K,L,N ¹	A182-0001 thru A182-0148	0716613-1S	FSS-KT-18	FSO-KT-1			
F182P	F18200001 thru F18200025	0716613-1S	FSS-KT-18	FSO-KT-1			
F182Q	F18200026 thru F18200169	9851067-5S	FSS-KT-5	FSO-KT-13			
FR182	FR18200001 thru FR18200070	9851067-4S	FSS-KT-5	FSO-KT-13			
R182 ¹ ,TR182 ¹	R18200001 thru R18201798	9851067-4S	FSS-KT-5	FSO-KT-13			
	R18201799 thru R18201999	9851096-2S	FSS-KT-4	FSO-KT-7			
	R18201799 thru R18202041	9851096-5S	FSS-KT-4	FSO-KT-7			
T182 ¹	18267716 thru 18268055	9851067-4S	FSS-KT-5	FSO-KT-13			
	18268056 thru 18268541	9851096-2S, 9851096-5S	FSS-KT-4	FSO-KT-7			
T182T	T18208001 thru T18299999	9851116-1S, 9851116-2S	FSS-KT-8	FSO-KT-23			
185, 185A ¹	185-0001 thru 185-0413				0716109-1S	FSS-KT-17	FSO-KT-25
185A ¹	185-0414 thru 185-0512	Fuel Valve Control P/N MCS1241-1			0716111-1S ²	FSS-KT-16	FSO-KT-3
185B	185-0513 thru 185-0653	0716613-3S	FSS-KT-18	FSO-KT-1			
185C	All	Fuel Valve Control P/N MCS1241-1			0716111-1S ²	FSS-KT-16	FSO-KT-3
185D,E, A185E ¹	185-0777 thru 185-1300	0716613-3S	FSS-KT-18	FSO-KT-1	0716111-1S ²	FSS-KT-16	FSO-KT-3
A185E ¹	18501301 thru 18501599	0716613-4S	FSS-KT-18	FSO-KT-1	0716111-1S ²	FSS-KT-16	FSO-KT-3
	18501600 thru 18501679	0716613-4S	FSS-KT-18	FSO-KT-1	Fuel Shut Off Control P/N MCS1241-27		
A185E ¹ , A185F ¹	18501680 thru 18502310	0716613-4S	FSS-KT-18	FSO-KT-1	0716111-1S ²	FSS-KT-16	FSO-KT-3
A185F ¹	18502311 thru 18503153	0716613-4S	FSS-KT-18	FSO-KT-1	0716111-1SP	FSS-KT-16	FSO-KT-3
	18503154 thru 18504328	9851067-5S	FSS-KT-5	FSO-KT-13	9851070-2S	FSS-KT-1	FSO-KT-2
	18504329 thru 18504424	9851096-1S	FSS-KT-5	FSO-KT-6	9851070-2S	FSS-KT-1	FSO-KT-2
	18504425 thru 18504448	9851096-4S	FSS-KT-5	FSO-KT-6	9851070-2S	FSS-KT-1	FSO-KT-2
188,188A,B,A188,A188A,A188B Without Wing Tanks	188-0001 thru 18802348				1616016-1S ³		
A188 With Wing Tanks	188-0446 thru 188-0572				1H14-2S ³		
A188A ¹ ,A188B ¹ With Wing Tanks	18800573 thru 18802348				0716111-1S ²	FSS-KT-16	FSO-KT-3
A188B ¹	18802349 thru 18802745T				0716111-5S	FSS-KT-16	FSO-KT-3
A188B ¹ ,T188C	18802746 thru 18803974T				0716111-5S	FSS-KT-16	FSO-KT-3
190 ¹ ,195 ¹ , 195A,B	7004 thru 16083	0311070S			9851070-2S	FSS-KT-1	FSO-KT-2
210-5 (205) ¹ , 210-5A (205A) ¹	16084 thru 16183	0311070-1S	FSS-KT-6	FSO-KT-16			
	205-0001 thru 205-0550	1216405-1S	FSS-KT-10	FSO-KT-21			
210-5A (205A) ¹	205-0552 thru 205-0555	1216405-1S	FSS-KT-10	FSO-KT-21			
	205-0551, 205-0556 thru 205-0577	HE764S	FSS-KT-9	FSO-KT-24			
206/U206,U206A,B,C,D,E,F ¹	U206-0001 thru U20602199	C291503S	FSS-KT-11	FSO-KT-10			
TU206F ¹ ,G ¹ , U206F ¹ ,G ¹	U20602200 thru U20605919	1216100-1S, C291503-0101S	FSS-KT-11	FSO-KT-11			
TU206A,B,C,D,E,F ¹	U206-0487 thru U20602199	C291503S	FSS-KT-11	FSO-KT-10			
TU206G ¹ , U206G ¹	U20605920 thru U20606439	1216100-2S	FSS-KT-11	FSO-KT-11			
	U20606440 thru U20607020	1216100-1S	FSS-KT-11	FSO-KT-11			
P206,P206A,B,C,D,E	All	C291503S	FSS-KT-11	FSO-KT-10			
TP206A,B,C,D,E	All	C291503S	FSS-KT-11	FSO-KT-10			
206H,T206H	20608001 thru T20699999	9851096-5S	FSS-KT-4	FSO-KT-7			
207,T207,207A ¹ ,T207A ¹	20700001 thru 20700654	1216100-1S, C291503-0101S	FSS-KT-11	FSO-KT-11			
207A ¹ ,T207A ¹	20700655 thru 20700729	1216100-2S	FSS-KT-11	FSO-KT-11			
	20700730 thru 20700788	1216100-1S	FSS-KT-11	FSO-KT-11			
210,210A	57001 thru 21057840	1216001-1S	FSS-KT-12	FSO-KT-12			
210B,C	21057841 thru 21058220	1216405-1S	FSS-KT-10	FSO-KT-21			
210D,E,F, T210F	All	HE764S	FSS-KT-9	FSO-KT-24			
210G,H,J	All	C291503S	FSS-KT-11	FSO-KT-10			
T210G,H,J	T210-0198 thru T210-0392	C291503S	FSS-KT-11	FSO-KT-10			
210K,L,M,N ¹ /T210K,L,M,N ¹	21059200 thru 21064535	1216100-1S, C291503-0101S	FSS-KT-11	FSO-KT-11			
210N ¹ ,R/T210N ¹ ,R	21064536 thru 21065009	9851110-3S	FSS-KT-15	FSO-KT-22			
P210N ¹	P21000001 thru P21000760	1216100-1S, C291503-0101S	FSS-KT-11	FSO-KT-11			
P210N ¹ ,R	P21000761 thru P21000874	9851110-3S	FSS-KT-15	FSO-KT-22	0716111-4S		
310, 310B,C,D	35000 thru 39299	0855013-1S	FSS-KT-6	FSO-KT-18			
310F,G,H,I,J,J-1,K	310-0001 thru 310K0245	0855013-1S	FSS-KT-6	FSO-KT-18			
		0855020-4S (Aux)	FSS-KT-19	FSO-KT-19			
320, 320-1, 320A,B,C	320-0001 thru 320C0073	0855013-1S	FSS-KT-6	FSO-KT-18			
320D	320D0001 thru 320D0130	0855020-4S (Aux)	FSS-KT-19	FSO-KT-19			
		0855020-5S	FSS-KT-20	FSO-KT-20			

¹ Partial model eligibility

² For aircraft with flared threads use P/N 0716111-1SF. For aircraft with pipe threads use P/N 0716111-1SP.

³ Part number listed for reference only



Flight Control System

Flight Control Cables - Cessna

McFarlane
FAA-PMA Approved

120 1946-1947
S/N 8004 thru 12890
Complete Cable Kit P/N CCKT120-01G (Galvanized)
Complete Cable Kit P/N CCKT120-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-01*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-6			Elevator Trim Carry Thru
1	MC0400107-7 or 7S			Elevator Trim Aft
1	MC0400107-8 or 8S			Elevator Trim Forward
2	MC0400107-4 or 104			Rudder Control
2	MC0400107-1 or 1CS			Aileron Direct
1	MC0400107-2 or 2CS			Aileron Carry Thru
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

120 1947-1949
S/N 12891 thru 15075
Complete Cable Kit P/N CCKT120-02G (Galvanized)
Complete Cable Kit P/N CCKT120-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-01*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-7 or 7S			Elevator Trim Aft
1	MC0400107-8 or 8S			Elevator Trim Forward
1	MC0400107-11 or 111			Elev Trim Carry Thru Fwd
1	MC0400107-12 or 12S			Elev Trim Carry Thru Aft
2	MC0400107-4 or 104			Rudder Control
2	MC0400107-1 or 1CS			Aileron Direct
1	MC0400107-2 or 2CS			Aileron Carry Thru
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

140 1946
S/N 8004 thru 10069
Complete Cable Kit P/N CCKT140-01G (Galvanized)
Complete Cable Kit P/N CCKT140-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-01*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-6			Elevator Trim Carry Thru
1	MC0400107-7 or 7S			Elevator Trim Aft
1	MC0400107-8 or 8S			Elevator Trim Forward
2	MC0400107-4 or 104			Rudder Control
2	MC0400107-1 or 1CS			Aileron Direct
1	MC0400107-2 or 2CS			Aileron Carry Thru
1	MC0400107-3 or 3			Flap Control
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

140 1946-1947
S/N 10070 thru 12890
Complete Cable Kit P/N CCKT140-02G (Galvanized)
Complete Cable Kit P/N CCKT140-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-01*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-6			Elevator Trim Carry Thru
1	MC0400107-7 or 7S			Elevator Trim Aft
1	MC0400107-8 or 8S			Elevator Trim Forward
2	MC0400107-4 or 104			Rudder Control
2	MC0400107-1 or 1CS			Aileron Direct
1	MC0400107-2 or 2CS			Aileron Carry Thru
1	MC0400107-10 or 10S			Flap Control
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

140 1947-1949
S/N 12891 thru 15075
Complete Cable Kit P/N CCKT140-03G (Galvanized)
Complete Cable Kit P/N CCKT140-03S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-01*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-11 or 111			Elev Trim Carry Thru Fwd
1	MC0400107-12 or 12S			Elev Trim Carry Thru Aft
1	MC0400107-7 or 7S			Elevator Trim Aft
1	MC0400107-8 or 8S			Elevator Trim Forward
2	MC0400107-4 or 104			Rudder Control
2	MC0400107-1 or 1CS			Aileron Direct
1	MC0400107-2 or 2CS			Aileron Carry Thru
1	MC0400107-10 or 10S			Flap Control
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

140A 1949-1951
S/N 15200 thru 15724
Complete Cable Kit P/N CCKT140-04G (Galvanized)
Complete Cable Kit P/N CCKT140-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-02*

Qty	P/N	Galv	SS	Location
1	MC0400107-5 or 105			Elevator Control Up

Kit continues in next column

Qty	P/N	Galv	SS	Location
1	MC0400107-9 or 109			Elevator Control Down
1	MC0400107-11 or 111			Elev Trim Carry Thru Fwd
1	MC0400107-12 or 12S			Elev Trim Carry Thru Aft
1	MC0400107-13 or 113			Elevator Trim Aft
1	MC0400107-14 or 114			Elevator Trim Fwd
1	MC0400107-18 or 118			Aileron Carry Thru
2	MC0400107-17 or 117			Aileron Direct
1	MC0400107-10 or 10S			Flap Control
2	MCS2295-25-63			Chain Elevator Trim
4	MCS2294-25			Chain Connecting Link

150 1959
S/N 17001 thru 17438
Complete Cable Kit P/N CCKT150-01G (Galvanized)
Complete Cable Kit P/N CCKT150-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-03*

Qty	P/N	Galv	SS	Location
2	MC0400107-31 or 131			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-4 or 104			Rudder Control
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
1	MC0400107-22 or 122			Flap Extend Forward
1	MC0400107-23 or 123			Flap Retract Forward
2	MC0400107-34 or 134			Flap Extend LH
2	MC0400107-26 or 126			Flap Retract
1	MC0400107-11 or 111			Trim Wheel to Disconnect
1	MC0400107-29 or 129			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

150 1959
S/N 17439 thru 17558
Complete Cable Kit P/N CCKT150-02G (Galvanized)
Complete Cable Kit P/N CCKT150-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-03*

Qty	P/N	Galv	SS	Location
2	MC0400107-31 or 131			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-4 or 104			Rudder Control
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
1	MC0400107-22 or 122			Flap Extend Forward
1	MC0400107-23 or 123			Flap Retract Forward
2	MC0400107-34 or 134			Flap Extend LH
2	MC0400107-26 or 126			Flap Retract
1	MC0400107-33 or 133			Flap Retract LH
1	MC0400107-11 or 111			Trim Wheel to Disconnect
1	MC0400107-29 or 129			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

150 1959-1960
S/N 17559 thru 59018
Complete Cable Kit P/N CCKT150-03G (Galvanized)
Complete Cable Kit P/N CCKT150-03S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-03*

Qty	P/N	Galv	SS	Location
2	MC0400107-31 or 131			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-4 or 104			Rudder Control
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
1	MC0400107-22 or 122			Flap Extend Forward
1	MC0400107-23 or 123			Flap Retract Forward
2	MC0400107-34 or 134			Flap Extend LH
2	MC0400107-33 or 133			Flap Retract LH
1	MC0400107-11 or 111			Trim Wheel to Disconnect
1	MC0400107-29 or 129			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

150A,B,C 1961-1963
S/N 15059019 thru 15060087
Complete Cable Kit P/N CCKT150-04G (Galvanized)
Complete Cable Kit P/N CCKT150-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-04*

Qty	P/N	Galv	SS	Location
2	MC0400107-35 or 135			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-4 or 104			Rudder Control
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
1	MC0400107-22 or 122			Flap Extend Forward

Kit continues in next column

Qty	P/N	Galv	SS	Location
1	MC0400107-23 or 123			Flap Retract Forward
2	MC0400107-34 or 134			Flap Extend LH
2	MC0400107-33 or 133			Flap Retract LH
1	MC0400107-11 or 111			Trim Wheel to Disconnect
1	MC0400107-29 or 129			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

150D,E 1964-1965
S/N 15060088 thru 15061532
Complete Cable Kit P/N CCKT150-05G (Galvanized)
Complete Cable Kit P/N CCKT150-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-05* or 05* Note 1

Qty	P/N	Galv	SS	Location
2	MC0400107-41 or 141			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-4 or 104			Rudder Control
1	MC0510105-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
2	MC0400107-39 or 139			Flap Extend Forward
2	MC0400107-37 or 137			Flap Retract Forward
2	MC0400107-40 or 140			Flap Extend to Bellcrank
2	MC0400107-38 or 138			Flap Retract to Bellcrank
1	MC0400107-11 or 111			Trim Wheel to Disconnect
1	MC0400107-29 or 129			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Note 1: S/N 15060088 thru 15061083 USE PULL-KT-05
S/N 15061084 thru 15061532 USE PULL-KT-06

150F 1966
S/N 15061533 thru 15061778
Complete Cable Kit P/N CCKT150-06G (Galvanized)
Complete Cable Kit P/N CCKT150-06S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-07*

Qty	P/N	Galv	SS	Location
2	MC0400107-41 or 141			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
2	MC0400107-47 or 147			Rudder Control Forward
2	MC0400107-48 or 148			Rudder Control Aft
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
2	MC0400107-45 or 145			Flap
2	MC0400107-46 or 146			Flap
1	MC0400107-42 or 142			Trim Wheel to Disconnect
1	MC0400107-43 or 143			Trim Wheel to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
1	MC0400107-30 or 130			Trim Act to Turnbuckle
2	MCS2295P25-69			Elevator Trim Chain
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

150F,G 1966-1967 F150F,G 1966-1967
S/N 15061779 thru 15067198,
S/N F1500001 thru F1500219
Complete Cable Kit P/N CCKT150-11G (Galvanized)
Complete Cable Kit P/N CCKT150-11S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-07* Note 1

Qty	P/N	Galv	SS	Location
2	MC0400107-41 or 141			Aileron Direct
1	MC0400107-21 or 121			Aileron Carry Thru
1	MC0400107-49 or 149			Rudder Control LH
1	MC0400107-50 or 150			Rudder Control RH
1	MC0400107-5 or 105			Elevator Up
1	MC0400107-9 or 109			Elevator Down
2	MC0400107-45 or 145			Flap
2	MC0400107-46 or 146			Flap
1	MC0400107-42 or 142			Trim Wheel to Disconnect
1	MC0400107-43 or 143			Trim Wheel to Turnbuckle
1	MC0400107-30 or 130			Trim Act to Turnbuckle
1	MC0400107-28 or 128			Trim Act to Disconnect
2	MCS2295P25-69			Chain to Tab Act
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Note 1: S/N 15061779 thru 15067198 only

* See pages 100-101 for Pulley Kit Components
1 Partial model eligibility
2 Included in both galvanized and stainless kits.
3 MC0400107-50/150 RH cable attaches to left side of rudder bell crank and right side of rudder pedal pedestal. MC0400107-49/149 LH cable attaches to right side of rudder bell crank and left side of rudder pedal pedestal.

Flight Control System

Flight Control Cables - Cessna



150H 1968 F150H 1968 S/N 15067199 thru 15069308, F1500220 thru F1500389 Complete Cable Kit P/N CCKT150-07G (Galvanized) Complete Cable Kit P/N CCKT150-07S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-08* Note 1					150M, A150M, F150M, FRA150M 1976-1977 S/N 15077006 thru 15079405, A1500610 thru A1500734, F15001249 thru F15001428, FRA1500282 thru FRA1500336 Complete Cable Kit P/N CCKT150-10G (Galvanized) Complete Cable Kit P/N CCKT150-10S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-12* Note 1					170 1948 S/N 18000 thru 18729 Complete Cable Kit P/N CCKT170-01G (Galvanized) Complete Cable Kit P/N CCKT170-01S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-14*				
Qty P/N Galv SS Location	Qty P/N Galv SS Location	Qty P/N Galv SS Location												
2 MC0400107-41 or 141 Aileron Direct	2 MC0400107-41 or 141 Aileron Direct	2 MC0510105-2 or 102 Aileron Direct												
1 MC0400107-21 or 121 Aileron Carry Thru	1 MC0400107-21 or 121 Aileron Carry Thru	2 MC0510105-3 or 103 Aileron Carry Thru												
1 MC0400107-49 or 149 Rudder Control LH	1 MC0400107-49 or 149 Rudder Control LH	2 MC0510105-6 or 106 Flap Control Upper												
1 MC0400107-50 or 150 Rudder Control RH	1 MC0400107-50 or 150 Rudder Control RH	1 MC0510105-5 or 105 Flap Control Lower												
1 MC0400107-5 or 105 Elevator Up	1 MC0400107-5 or 105 Elevator Up	2 MC0510105-1 or 101 Rudder Control												
1 MC0400107-9 or 109 Elevator Down	1 MC0400107-9 or 109 Elevator Down	2 MC0510105-4 or 104 Elevator Control												
2 MC0400107-45 or 145 Flap	2 MC0400107-45 or 145 Flap	1 MC0510105-9 or 109 Trim Wheel to Turnbuckle												
2 MC0400107-46 or 146 Flap	2 MC0400107-46 or 146 Flap	1 MC0510105-7 or 107 Trim Wheel to Disconnect												
1 MC0400107-28 or 128 Trim Act to Disconnect	1 MC0400107-9 or 109 Elevator Down	1 MC0510105-8 or 108 Trim Act to Turnbuckle												
1 MC0400107-30 or 130 Trim Act to Turnbuckle	2 MC0400107-45 or 145 Flap	1 MC0510105-10 or 110 Trim Act to Disconnect												
1 MC0400107-52 or 152 Trim Wheel to Disconnect	2 MC0400107-46 or 146 Flap	2 MCS2295-25-63 Chain Elevator Trim												
1 MC0400107-53 or 153 Trim Wheel to Turnbuckle	1 MC0400107-57 or 157 Trim Act to Disconnect	4 MCS2294-25 Chain Connecting Link												
1 MCS2295P25-69 Chain to Tab Act	1 MC0400107-30 or 130 Trim Act to Turnbuckle													
1 MCS2295-25-61 Chain Trim Wheel	1 MC0400107-55 or 155 Trim Wheel to Turnbuckle													
4 MCS2294-25 Chain Connecting Link	1 MC0400107-56 or 156 Trim Wheel to Disconnect													
4 MC0422280 Aileron Bellcrank Bushing	1 MCS2295P25-69 Chain Trim Actuator													
Note 1: For S/N 15061779 thru 15069308 only														
150J 1969, F150J 1969 S/N 15069309 thru 15070503, F1500390 thru F1500529 Complete Cable Kit P/N CCKT150-08G (Galvanized) Complete Cable Kit P/N CCKT150-08S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-09* Note 1														
Qty P/N Galv SS Location	Qty P/N Galv SS Location	Qty P/N Galv SS Location												
2 MC0400107-41 or 141 Aileron Direct	S/N 15279406 thru 15281298, 15281300 thru 15281314, 15281316 thru 15281326, 15281328 thru 15281340, 15281342 thru 15281349, 15281351 thru 15281359, 15281361 thru 15281369, 15281371 thru 15281380, 15281382 thru 15281389, 15281391 thru 15281400, 15281402 thru 15281409, 15281411 thru 15281420, 15281422 thru 15281426, A1520735 thru A1520785, F15201429 thru F15201538, FA1520337 thru FA1520352 Complete Cable Kit P/N CCKT152-01G (Galvanized) Complete Cable Kit P/N CCKT152-01S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-13*	2 MC0510105-12 or 112 Aileron Direct												
1 MC0400107-21 or 121 Aileron Carry Thru		1 MC0510105-13 or 113 Aileron Carry Thru												
1 MC0400107-49 or 149 Rudder Control LH		2 MC0510105-11 or 111 Flap Control Upper												
1 MC0400107-50 or 150 Rudder Control RH		1 MC0510105-5 or 105 Flap Control Lower												
1 MC0400107-5 or 105 Elevator Up		1 MC0510105-114 Flap Control Lower												
1 MC0400107-9 or 109 Elevator Down		2 MC0510105-1 or 101 Rudder Control												
2 MC0400107-45 or 145 Flap		1 MC0510105-15 or 115 Elevator Control Upper												
2 MC0400107-46 or 146 Flap		1 MC0510105-4 or 104 Elevator Control Lower												
1 MC0400107-28 or 128 Trim Act to Disconnect		1 MC0510105-9 or 109 Trim Wheel to Turnbuckle												
1 MC0400107-30 or 130 Trim Act to Turnbuckle		1 MC0510105-7 or 107 Trim Wheel to Disconnect												
1 MC0400107-54 or 154 Trim Wheel to Disconnect		1 MC0510105-8 or 108 Trim Act to Turnbuckle												
1 MC0400107-55 or 155 Trim Wheel to Turnbuckle		1 MC0510105-10 or 110 Trim Act to Disconnect												
1 MCS2295P25-69 Chain Trim Actuator		2 MCS2295-25-63 Chain Elevator Trim												
1 MCS2295-25-61 Chain Trim Wheel		4 MCS2294-25 Chain Connecting Link												
4 MCS2294-25 Chain Connecting Link														
4 MC0422280 Aileron Bellcrank Bushing														
Note 1: For S/N 15069309 thru 15070503 only														
150J, K, L, M, A150K, L, M, FA150K, L, FRA150L, M 1969-1975 S/N 15070504 thru 15077005 Note 1, A1500001 thru A1500609 Note 2, F15000530 thru F15001248 Note 3, FA1500001 thru FA1500120 Note 4, FRA1500121 thru FRA1500281 Note 5 Complete Cable Kit P/N CCKT150-09G (Galvanized) Complete Cable Kit P/N CCKT150-09S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-09* thru PULL-KT-12*														
Qty P/N Galv SS Location	Qty P/N Galv SS Location	Qty P/N Galv SS Location												
2 MC0400107-41 or 141 Aileron Direct	152J, A152J, F152J, FA152J 1978-1985 S/N 15281299, 15281315, 15281327, 15281341, 15281350, 15281360, 15281370, 15281381, 15281390, 15281401, 15281410, 15281421, 15281427 thru 15286033, A1520786 thru A1521049, F15201539 thru F15201980, FA1520353 thru FA1520425 Complete Cable Kit P/N CCKT152-02G (Galvanized) Complete Cable Kit P/N CCKT152-02S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-13* Note 1	2 MC0510105-16 or 116 Aileron Direct												
1 MC0400107-21 or 121 Aileron Carry Thru		1 MC0510105-13 or 113 Aileron Carry Thru												
1 MC0400107-49 or 149 Rudder Control LH		1 MC0510105-21 or 121 Flap Return Forward												
1 MC0400107-50 or 150 Rudder Control RH		1 MC0510105-22 or 122 Flap Direct Forward												
1 MC0400107-5 or 105 Elevator Up		2 MC0510105-59 or 159 Flap Direct Outboard												
1 MC0400107-9 or 109 Elevator Down		1 MC0510105-61 or 161 Flap Direct LH Inboard												
2 MC0400107-45 or 145 Flap		1 MC0510105-62 or 162 Flap Direct RH Inboard												
2 MC0400107-46 or 146 Flap		2 MC0510105-60 or 160 Flap Return Outboard												
1 MC0400107-28 or 128 Trim Act to Disconnect		1 MC0510105-63 or 163 Flap Return LH Inboard												
1 MC0400107-30 or 130 Trim Act to Turnbuckle		1 MC0510105-64 or 164 Flap Return RH Inboard												
1 MC0400107-55 or 155 Trim Wheel to Turnbuckle		2 MC0510105-1 or 101 Rudder Control												
1 MC0400107-56 or 156 Trim Wheel to Disconnect		1 MC0510105-15 or 115 Elevator Control Upper												
1 MCS2295P25-69 Chain Trim Actuator		1 MC0510105-4 or 104 Elevator Control Lower												
1 MCS2295P25-63 Chain Trim Wheel		1 MC0510105-9 or 109 Trim Wheel to Turnbuckle												
4 MCS2294-25 Chain Connecting Link		1 MC0510105-7 or 107 Trim Wheel to Disconnect												
4 MC0422280 Aileron Bellcrank Bushing		1 MC0510105-8 or 108 Trim Act to Turnbuckle												
Note 1: S/N 15070504 thru 15071128 USE PULL-KT-09 S/N 15071129 thru 15074399 USE PULL-KT-10 S/N 15074400 thru 15074661 USE PULL-KT-11 S/N 15074662 thru 15077005 USE PULL-KT-12 Note 2: S/N A1500001 thru A1500387 USE PULL-KT-10 S/N A1500388 thru A1500415 USE PULL-KT-11 Note 3: S/N F15000530 thru F15000943 USE PULL-KT-10 S/N F1500944 thru F15001062 USE PULL-KT-11 S/N F15001063 thru F15001248 USE PULL-KT-12 Note 4: S/N FA1500001 thru FA1500120 USE PULL-KT-10 Note 5: S/N FRA1500121 thru FRA1500211 USE PULL-KT-10 S/N FRA1500212 thru FRA1500261 USE PULL-KT-12														
2 MC0510105-10 or 110 Trim Act to Disconnect														
2 MCS2295-25-63 Chain Elevator Trim														
4 MCS2294-25 Chain Connecting Link														
4 MC0422280 Aileron Bellcrank Bushing														
Note 1: PULL-KT-13 is eligible for all serial numbers except as noted below. For S/N F15201539 thru F15201952 only For S/N FA1520353 thru FA1520387 only														
170B 1952-1954 S/N 20267 thru 26504 Complete Cable Kit P/N CCKT170-03G (Galvanized) Complete Cable Kit P/N CCKT170-03S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-16*														
Qty P/N Galv SS Location	Qty P/N Galv SS Location	Qty P/N Galv SS Location												
2 MC0510105-16 or 116 Aileron Direct	2 MC0400107-66 or 166 Elevator Forward	2 MC0510105-16 or 116 Aileron Direct												
1 MC0510105-13 or 113 Aileron Carry Thru	1 MC0400107-63 or 163 Elevator Up Aft	1 MC0510105-13 or 113 Aileron Carry Thru												
1 MC0510105-21 or 121 Flap Return Forward	1 MC0400107-64 or 164 Elevator Down Aft	1 MC0510105-21 or 121 Flap Return Forward												
1 MC0510105-22 or 122 Flap Direct Forward	1 MC0400107-56 or 156 Trim Wheel to Disconnect	1 MC0510105-22 or 122 Flap Direct Forward												
2 MC0510105-59 or 159 Flap Direct Outboard	1 MC0400107-55 or 155 Trim Wheel to Turnbuckle	2 MC0510105-59 or 159 Flap Direct Outboard												
1 MC0510105-61 or 161 Flap Direct LH Inboard	1 MC0400107-30 or 130 Trim Act to Turnbuckle	1 MC0510105-61 or 161 Flap Direct LH Inboard												
1 MC0510105-62 or 162 Flap Direct RH Inboard	1 MC0400107-57 or 157 Tab Act to Disconnect	1 MC0510105-62 or 162 Flap Direct RH Inboard												
2 MC0510105-60 or 160 Flap Return Outboard	1 MC0400107-49 or 149 Rudder Control LH	2 MC0510105-60 or 160 Flap Return Outboard												
1 MC0510105-63 or 163 Flap Return LH Inboard	1 MC0400107-50 or 150 Rudder Control RH	1 MC0510105-63 or 163 Flap Return LH Inboard												
1 MC0510105-64 or 164 Flap Return RH Inboard	2 MC0400107-45 or 145 Flap	1 MC0510105-64 or 164 Flap Return RH Inboard												
2 MC0510105-1 or 101 Rudder Control	2 MC0400107-46 or 146 Flap	2 MC0510105-1 or 101 Rudder Control												
1 MC0510105-15 or 115 Elevator Control Upper	1 MC0400107-60 or 160 Aileron Direct Cabin	2 MC0510105-60 or 160 Flap Return Outboard												
1 MC0510105-4 or 104 Elevator Control Lower	1 MC0400107-61 or 161 Aileron Direct LH Wing	1 MC0510105-63 or 163 Flap Return LH Inboard												
1 MC0510105-9 or 109 Trim Wheel to Turnbuckle	1 MC0400107-65 or 165 Aileron Direct RH Wing	1 MC0510105-64 or 164 Flap Return RH Inboard												
1 MC0510105-7 or 107 Trim Wheel to Disconnect	1 MC0400107-59 or 159 Aileron Carry Thru LH	2 MC0510105-60 or 160 Flap Return Outboard												
1 MC0510105-8 or 108 Trim Act to Turnbuckle	1 MC0400107-58 or 158 Aileron Carry Thru RH	1 MC0510105-63 or 163 Flap Return LH Inboard												
1 MC0510105-10 or 110 Trim Act to Disconnect	1 MCS2295P25-63 Chain Trim Wheel	1 MC0510105-64 or 164 Flap Return RH Inboard												
2 MCS2295-25-63 Chain Elevator Trim	1 MCS2295P25-69 Chain Trim Actuator	2 MC0510105-1 or 101 Rudder Control												
4 MCS2294-25 Chain Connecting Link	1 MCS2295P25-69 Chain Trim Actuator	2 MC0510105-38 or 138 Tailwheel Steering												
4 MC0422280 Aileron Bellcrank Bushing	1 MCS2294-25 Chain Connecting Link													
Kit continues on next page														
* See pages 100-101 for Pulley Kit Components														
1 Partial model eligibility														
2 See note on the bottom of page 69 regarding rudder cable P/Ns MC0400107-49/149 and MC04001047-50/150 installation.														
3 Not included in CCKT170-02SF														
4 Only included in CCKT170-02SF														



Flight Control System

Flight Control Cables - Cessna



Continued from previous page		
Qty	P/N	Location
1	MC0510105-15 or 115	Elevator Control Upper
1	MC0510105-4 or 104	Elevator Control Lower
1	MC0510105-9 or 109	Trim Wheel to Turnbuckle
1	MC0510105-7 or 107	Trim Wheel to Disconnect
1	MC0510105-8 or 108	Trim Act to Turnbuckle
1	MC0510105-10 or 110	Trim Act to Disconnect
2	MCS2295-25-63	Chain Elevator Trim
4	MCS2294-25	Chain Connecting Link

172E 1956-1958

S/N 28000 thru 36965

Complete Cable Kit P/N CCKT172175-01G (Galvanized)

Complete Cable Kit P/N CCKT172175-01S (Stainless)

Complete Pulley Kit P/N PULL-KT-17*

Qty	P/N	Location
2	MC0510105-39 or 139	Rudder Forward
1	MC0510105-56 or 156	Rudder Aft LH
1	MC0510105-55 or 155	Rudder Aft RH
1	MC0510105-42 or 142	Elevator Forward Upper
1	MC0510105-40 or 140	Elevator Forward Lower
1	MC0510105-41 or 141	Elevator Aft Upper
1	MC0510105-54 or 154	Elevator Aft Lower
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-16 or 116	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172E 1959, 175 1958-1959

S/N 36966 thru 46754, 55001 thru 56238

Complete Cable Kit P/N CCKT172175-02G (Galvanized)

Complete Cable Kit P/N CCKT172175-02S (Stainless)

Complete Pulley Kit P/N PULL-KT-17*

Qty	P/N	Location
2	MC0510105-39 or 139	Rudder Forward
1	MC0510105-56 or 156	Rudder Aft LH
1	MC0510105-55 or 155	Rudder Aft RH
1	MC0510105-42 or 142	Elevator Forward Upper
1	MC0510105-40 or 140	Elevator Forward Lower
1	MC0510105-41 or 141	Elevator Aft Upper
1	MC0510105-54 or 154	Elevator Aft Lower
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-72 or 172	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172A, 1960E

S/N 46755 thru 47298

Complete Cable Kit P/N CCKT172175-03G (Galvanized)

Complete Cable Kit P/N CCKT172175-03S (Stainless)

Complete Pulley Kit P/N PULL-KT-17*

Qty	P/N	Location
2	MC0510105-39 or 139	Rudder Forward
1	MC0510105-75 or 175	Rudder Aft LH
1	MC0510105-76 or 176	Rudder Aft RH
1	MC0510105-42 or 142	Elevator Forward Upper
1	MC0510105-40 or 140	Elevator Forward Lower
1	MC0510105-41 or 141	Elevator Aft Upper
1	MC0510105-54 or 154	Elevator Aft Lower
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle

Kit continues in next column

Continued from previous column		
Qty	P/N	Location
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-72 or 172	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172A, B, C 1960E-1962 175A, B, C 1960-1962

S/N 47299 thru 17249544, 56239 thru 17557119

Complete Cable Kit P/N CCKT172175-04G (Galvanized)

Complete Cable Kit P/N CCKT172175-04S (Stainless)

Complete Pulley Kit P/N PULL-KT-17*

Qty	P/N	Location
2	MC0510105-39 or 139	Rudder Forward
1	MC0510105-80 or 180	Rudder Aft LH
1	MC0510105-81 or 181	Rudder Aft RH
1	MC0510105-42 or 142	Elevator Forward Upper
1	MC0510105-40 or 140	Elevator Forward Lower
1	MC0510105-41 or 141	Elevator Aft Upper
1	MC0510105-54 or 154	Elevator Aft Lower
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-72 or 172	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172D, P172, F172D, FP172 1963

S/N 17249545 thru 17250572,

P17257120 thru P17257188, F172-0001 thru F172-0018,

FP172-0001 thru FP172-0003

Complete Cable Kit P/N CCKT172175-05G (Galvanized)

Complete Cable Kit P/N CCKT172175-05S (Stainless)

Complete Pulley Kit P/N PULL-KT-18*

Qty	P/N	Location
1	MC0510105-205 or 305	Rudder Forward LH
1	MC0510105-206 or 306	Rudder Forward RH
2	MC0510105-207 or 307	Rudder Aft
2	MC0510105-208 or 308	Elevator Forward
1	MC0510105-290 or 390	Elevator Aft Lower
1	MC0510105-291 or 391	Elevator Aft Upper
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-72 or 172	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-70 or 170	Parking Brake
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172E 1964

S/N 17250573 thru 17251822

Complete Cable Kit P/N CCKT172175-06G (Galvanized)

Complete Cable Kit P/N CCKT172175-06S (Stainless)

Complete Pulley Kit P/N PULL-KT-19*

Qty	P/N	Location
1	MC0510105-205 or 305	Rudder Forward LH

Kit continues in next column

Continued from previous column		
Qty	P/N	Location
1	MC0510105-206 or 306	Rudder Forward RH
2	MC0510105-207 or 307	Rudder Aft
2	MC0510105-208 or 308	Elevator Forward
1	MC0510105-290 or 390	Elevator Aft Lower
1	MC0510105-291 or 391	Elevator Aft Upper
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-216 or 316	Aileron Yoke Transition
1	MC0510105-58 or 158	Trim Wheel to Turnbuckle
1	MC0510105-57 or 157	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-217 or 317	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Upper
2	MC0510105-60 or 160	Flap Return Upper
1	MC0510105-63 or 163	Flap Return LH Lower
1	MC0510105-64 or 164	Flap Return RH Lower
1	MC0510105-61 or 161	Flap Direct LH Lower
1	MC0510105-62 or 162	Flap Direct RH Lower
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-70 or 170	Parking Brake
1	MC0713070-28 2	Cable Assy. Park Brake
1	MCS2295-25-71	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

172F, G, H, I, K, L, 172F, G, H, K, L, 172F, G, H, I, K, L 1965-1972E

S/N 17251823 thru 17259834 Note 1,

F172-0086 thru F17200820 Note 2,

FR17200001 thru FR17200288 Note 3

Complete Cable Kit P/N CCKT172175-07G (Galvanized)

Complete Cable Kit P/N CCKT172175-07S (Stainless)

Complete Pulley Kit P/N PULL-KT-20* or PULL-KT-21*

Qty	P/N	Location
1	MC0510105-205 or 305	Rudder Forward LH
1	MC0510105-206 or 306	Rudder Forward RH
2	MC0510105-207 or 307	Rudder Aft
2	MC0510105-208 or 308	Elevator Forward
1	MC0510105-290 or 390	Elevator Aft Lower
1	MC0510105-291 or 391	Elevator Aft Upper
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-216 or 316	Aileron Yoke Transition
1	MC0510105-220 or 320	Trim Wheel to Turnbuckle
1	MC0510105-221 or 321	Trim Wheel to Disconnect
1	MC0510105-44 or 144	Trim Act to Turnbuckle
1	MC0510105-45 or 145	Trim Act to Disconnect
2	MC0510105-224 or 324	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-93 or 193 6	Flap Direct & Retract
2	MC0510105-94 or 194 6	Flap Direct & Retract
1	MC0510105-70 or 170	Parking Brake Cable
1	MC0713070-28 2	Cable Assy. Park Brake
1	MCS2295P25-55	Chain Trim Wheel
1	MCS2295-25-67	Chain Trim Actuator
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Aileron Bellcrank Bushing

Note 1: S/N 17251823 thru 17259223 USE PULL-KT-20

Note 2: USE PULL-KT-20

Note 3: USE PULL-KT-21

172L, M, F172L, M, F172H, 1971E-1975E

S/N 17259835 thru 17264202, Note 1

F17200821 thru F17201234, Note 2

FR17200289 thru FR17200559 Note 3

Complete Cable Kit P/N CCKT172175-08G (Galvanized)

Complete Cable Kit P/N CCKT172175-08S (Stainless)

Complete Pulley Kit P/N PULL-KT-20*, -21* or -22*

Qty	P/N	Location
1	MC0510105-205 or 305	Rudder Forward LH
1	MC0510105-206 or 306	Rudder Forward RH
2	MC0510105-207 or 307	Rudder Aft
2	MC0510105-208 or 308	Elevator Forward
1	MC0510105-290 or 390	Elevator Aft Lower
1	MC0510105-291 or 391	Elevator Aft Upper
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-215 or 315	Aileron Yoke LH

Kit continues on next page

* See pages 100-101 for Pulley Kit Components

1 Partial model eligibility

2 Included in both galvanized and stainless kits.

3 Due to inconsistency in OEM parts these flap

cables should be replaced at the same time.

Flight Control System Flight Control Cables - Cessna



Continued from previous page			
Qty	P/N	Galv	SS Location
1	MC0510105-214 or 314		Aileron Yoke RH
1	MC0510105-216 or 316		Aileron Yoke Transition
1	MC0510105-220 or 320		Trim Wheel to Turnbuckle
1	MC0510105-221 or 321		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-224 or 324		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake Cable
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-55		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
Note 1: S/N 17259904 thru 17263458 USE PULL-KT-20 S/N 17263459 thru 17264202 USE PULL-KT-22			
Note 2: USE PULL-KT-20			
Note 3: USE PULL-KT-21			
172M, F172M 1975			
S/N 17264203 thru 17265684, F17201235 thru F17201384			
Complete Cable Kit P/N CCKT172175-09G (Galvanized)			
Complete Cable Kit P/N CCKT172175-09S (Stainless)			
Complete Pulley Kit P/N PULL-KT-22*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder LH
1	MC0510105-238 or 338		Rudder RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-213 or 313		Aileron Yoke Primary
1	MC0510105-215 or 315		Aileron Yoke LH
1	MC0510105-214 or 314		Aileron Yoke RH
1	MC0510105-216 or 316		Aileron Yoke Transition
1	MC0510105-220 or 320		Trim Wheel to Turnbuckle
1	MC0510105-221 or 321		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-224 or 324		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake Cable
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-55		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
172M, N, F172M, N, FR172, J, K 1976-1979			
R172K 1977-1978			
S/N 17265685 thru 17270454, F17201385 thru F17201829, F17200571 thru F17200640, Note 1 R1720000 thru R1722822, Note 2			
Complete Cable Kit P/N CCKT172175-10G (Galvanized)			
Complete Cable Kit P/N CCKT172175-10S (Stainless)			
Complete Pulley Kit P/N PULL-KT-22*, -21*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder Assembly LH
1	MC0510105-238 or 338		Rudder Assembly RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-241 or 341		Aileron Yoke Primary
1	MC0510105-243 or 343		Aileron Yoke LH
1	MC0510105-242 or 342		Aileron Yoke RH
1	MC0510105-244 or 344		Aileron Yoke Transition
1	MC0510105-220 or 320		Trim Wheel to Turnbuckle
1	MC0510105-221 or 321		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-224 or 324		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake Cable
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-55		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
Note 1: S/N FR17200571 thru FR17200590 USE PULL-KT-21, FR17200591 thru FR17200640 pulley kit not available.			
Note 2: Pulley kit not available			

172N, F172N, P, FR172K 1978-1982			
R172K 1978-1980			
S/N 17270455 thru 17273850, F17201830 thru F17202169, FR17200641 thru FR17200675, Note 1 R1722823 thru R1723353, Note 1			
Complete Cable Kit P/N CCKT172175-11G (Galvanized)			
Complete Cable Kit P/N CCKT172175-11S (Stainless)			
Complete Pulley Kit P/N PULL-KT-22*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder LH
1	MC0510105-238 or 338		Rudder RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-241 or 341		Aileron Yoke Primary
1	MC0510105-243 or 343		Aileron Yoke LH
1	MC0510105-242 or 342		Aileron Yoke RH
1	MC0510105-244 or 344		Aileron Yoke Transition
1	MC0510105-220 or 320		Trim Wheel to Turnbuckle
1	MC0510105-221 or 321		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-260 or 360		Aileron Direct to Top
2	MC0510105-262 or 362		Aileron Drct to Bellcrank
1	MC0510105-264 or 364		Cross to LH Bellcrank
1	MC0510105-265 or 365		Cross to RH Bellcrank
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake Cable
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-55		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
Note 1: Pulley kit not available			
172N, P 1980-1982, R172K 1980-81			
S/N 17273851 thru 17275187, R1723354 thru R1723454 Note 1			
Complete Cable Kit P/N CCKT172175-12G (Galvanized)			
Complete Cable Kit P/N CCKT172175-12S (Stainless)			
Complete Pulley Kit P/N PULL-KT-22*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder LH
1	MC0510105-238 or 338		Rudder RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-241 or 341		Aileron Yoke Primary
1	MC0510105-243 or 343		Aileron Yoke LH
1	MC0510105-242 or 342		Aileron Yoke RH
1	MC0510105-244 or 344		Aileron Yoke Transition
1	MC0510105-220 or 320		Trim Wheel to Turnbuckle
1	MC0510105-221 or 321		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-260 or 360		Aileron Direct to Top
2	MC0510105-262 or 362		Aileron Drct to Bellcrank
1	MC0510105-264 or 364		Cross to LH Bellcrank
1	MC0510105-265 or 365		Cross to RH Bellcrank
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake Cable
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-55		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
Note 1: Pulley kit not available			
172P, Q 1982-1986, 172R, S 1996 and On			
S/N 17275188 thru 17276673 Note 1 17280001 and On, 172S8001 and On Note 2			
Complete Cable Kit P/N CCKT172175-13G (Galvanized)			
Complete Cable Kit P/N CCKT172175-13S (Stainless)			
Complete Pulley Kit P/N PULL-KT-19*, -22*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder LH
1	MC0510105-238 or 338		Rudder RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-241 or 341		Aileron Yoke Primary
1	MC0510105-243 or 343		Aileron Yoke LH
1	MC0510105-242 or 342		Aileron Yoke RH
1	MC0510105-244 or 344		Aileron Yoke Transition
1	MC0560051-4 or 104		Trim Wheel to Turnbuckle
1	MC0560051-5 or 105		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle

Kit continues in next column

Continued from previous column			
Qty	P/N	Galv	SS Location
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-260 or 360		Aileron Direct to Top
2	MC0510105-262 or 362		Aileron Drct to Bellcrank
1	MC0510105-264 or 364		Cross to LH Bellcrank
1	MC0510105-265 or 365		Cross to RH Bellcrank
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-278	2	Parking Brake
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-67		Chain Trim Actuator
1	MCS2295P25-59		Chain Trim Wheel
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
Note 1: S/N 17275188 thru 17276673 USE PULL-KT-22			
Note 2: S/N 17280001 and On USE PULL-KT-19			
S/N 172S8001 and On USE PULL-KT-19			
F172E 1964			
S/N F1720019 thru F1720085			
Complete Cable Kit P/N CCKT172175-14G (Galvanized)			
Complete Cable Kit P/N CCKT172175-14S (Stainless)			
Complete Pulley Kit P/N PULL-KT-19*			
Qty	P/N	Galv	SS Location
1	MC0510105-205 or 305		Rudder Forward LH
1	MC0510105-206 or 306		Rudder Forward RH
2	MC0510105-207 or 307		Rudder Aft
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-213 or 313		Aileron Yoke Primary
1	MC0510105-215 or 315		Aileron Yoke LH
1	MC0510105-214 or 314		Aileron Yoke RH
1	MC0510105-216 or 316		Aileron Yoke Transition
1	MC0510105-58 or 158		Trim Wheel to Turnbuckle
1	MC0510105-57 or 157		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
1	MC0510105-217 or 317		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-59 or 159		Flap Direct Upper
2	MC0510105-60 or 160		Flap Return Upper
1	MC0510105-63 or 163		Flap Return LH Lower
1	MC0510105-64 or 164		Flap Return RH Lower
1	MC0510105-61 or 161		Flap Direct LH Lower
1	MC0510105-62 or 162		Flap Direct RH Lower
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295-25-71		Chain Trim Wheel
1	MCS2295-25-67		Chain Trim Actuator
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
F172P 1982-1986			
S/N F17202170 thru F17202254			
Complete Cable Kit P/N CCKT172175-15G (Galvanized)			
Complete Cable Kit P/N CCKT172175-15S (Stainless)			
Complete Pulley Kit P/N PULL-KT-22*			
Qty	P/N	Galv	SS Location
1	MC0510105-239 or 339		Rudder LH
1	MC0510105-238 or 338		Rudder RH
2	MC0510105-208 or 308		Elevator Forward
1	MC0510105-291 or 391		Elevator Aft Upper
1	MC0510105-290 or 390		Elevator Aft Lower
1	MC0510105-241 or 341		Aileron Yoke Primary
1	MC0510105-243 or 343		Aileron Yoke LH
1	MC0510105-242 or 342		Aileron Yoke RH
1	MC0510105-244 or 344		Aileron Yoke Transition
1	MC0560051-4 or 104		Trim Wheel to Turnbuckle
1	MC0560051-5 or 105		Trim Wheel to Disconnect
1	MC0510105-44 or 144		Trim Act to Turnbuckle
1	MC0510105-45 or 145		Trim Act to Disconnect
2	MC0510105-260 or 360		Aileron Direct to Top
2	MC0510105-262 or 362		Aileron Drct to Bellcrank
1	MC0510105-264 or 364		Cross to LH Bellcrank
1	MC0510105-265 or 365		Cross to RH Bellcrank
2	MC0510105-93 or 193	6	Flap Direct & Retract
2	MC0510105-94 or 194	6	Flap Direct & Retract
1	MC0510105-232	2	Parking Brake
1	MC0713070-28	2	Cable Assy. Park Brake
1	MCS2295P25-67		Chain Trim Actuator
1	MCS2295P25-59		Chain Trim Wheel
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing
* See pages 100-101 for Pulley Kit Components			
1 Partial material eligibility			
2 Included in both galvanized and stainless kits.			
3 Due to inconsistency in OEM parts these flap			



Flight Control System Flight Control Cables - Cessna



FR172J 1975-1976
S/N FR17200560 thru FR17200570
Complete Cable Kit P/N CCKT172175-16G (Galvanized)
Complete Cable Kit P/N CCKT172175-16S (Stainless)
Complete Pulley Kit P/N PULL-KT-21*

Qty	P/N	Galv	SS	Location
1	MC0510105-205 or 305			Rudder LH
1	MC0510105-206 or 306			Rudder RH
2	MC0510105-207 or 307			Rudder Aft
2	MC0510105-208 or 308			Elevator Forward
1	MC0510105-291 or 391			Elevator Aft Upper
1	MC0510105-290 or 390			Elevator Aft Lower
1	MC0510105-241 or 341			Aileron Yoke Primary
1	MC0510105-243 or 343			Aileron Yoke LH
1	MC0510105-242 or 342			Aileron Yoke RH
1	MC0510105-244 or 344			Aileron Yoke Transition
1	MC0510105-220 or 320			Trim Wheel to Turnbuckle
1	MC0510105-221 or 321			Trim Wheel to Disconnect
1	MC0510105-44 or 144			Trim Act to Turnbuckle
1	MC0510105-45 or 145			Trim Act to Disconnect
2	MC0510105-224 or 324			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
2	MC0510105-93 or 193			Flap Direct & Retract
2	MC0510105-94 or 194			Flap Direct & Retract
1	MC0510105-232			Parking Brake
1	MC0713070-28			Cable Assy Park Brake
1	MCS2295-25-67			Chain Trim Actuator
1	MCS2295P25-55			Chain Trim Wheel
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

172RG 1980
S/N 172RG0001 thru 172RG0076
Complete Cable Kit P/N CCKT172RG-01G (Galvanized)
Complete Cable Kit P/N CCKT172RG-01S (Stainless)

Qty	P/N	Galv	SS	Location
1	MC0510105-272 or 372			Rudder Forward LH
1	MC0510105-271 or 371			Rudder Forward RH
2	MC0510105-270 or 370			Rudder Aft
1	MCS2295P25-29			Chain, Rudder Trim, Fwd
1	MCS2295P25-93			Chain, Rudder Trim, Aft
2	MC0510105-269 or 369			Elevator Forward
1	MC0510105-293 or 393			Elevator Aft Upper
1	MC0510105-292 or 392			Elevator Aft Lower
1	MC0510105-241 or 341			Aileron Yoke Primary
1	MC0510105-243 or 343			Aileron Yoke LH
1	MC0510105-242 or 342			Aileron Yoke RH
1	MC0510105-244 or 344			Aileron Yoke Transition
1	MC0560051-6 or 106			Trim Wheel to Turnbuckle
1	MC0560051-7 or 107			Trim Wheel to Disconnect
1	MC0510105-44 or 144			Trim Actuator to Turnbuckle
1	MC0510105-45 or 145			Trim Act to Disconnect
1	MCS2295P25-59			Chain Trim Wheel
1	MCS2295P25-67			Chain Trim Actuator
2	MC0510105-277 or 377			Aileron Direct to Yoke
2	MC0510105-262 or 362			Aileron Drct to Bellcrank
2	MC0510105-265 or 365			Aileron Carry Thru RH
2	MC0510105-264 or 364			Aileron Carry Thru LH
2	MC0510105-93 or 193			Flap Direct and Retract
2	MC0510105-94 or 194			Flap Direct and Retract
1	MC0510105-232			Parking Brake
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

172RG 1980-1985
S/N 172RG0077 thru 172RG1191
Complete Cable Kit P/N CCKT172RG-02G (Galvanized)
Complete Cable Kit P/N CCKT172RG-02S (Stainless)

Qty	P/N	Galv	SS	Location
1	MC0510105-272 or 372			Rudder Forward LH
1	MC0510105-271 or 371			Rudder Forward RH
2	MC0510105-270 or 370			Rudder Aft
1	MCS2295P25-29			Chain, Rudder Trim, Fwd
1	MCS2295P25-93			Chain, Rudder Trim, Aft
2	MC0510105-269 or 369			Elevator Forward
1	MC0510105-293 or 393			Elevator Aft Upper
1	MC0510105-292 or 392			Elevator Aft Lower
1	MC0510105-241 or 341			Aileron Yoke Primary
1	MC0510105-243 or 343			Aileron Yoke LH
1	MC0510105-242 or 342			Aileron Yoke RH
1	MC0510105-244 or 344			Aileron Yoke Transition
1	MC0560051-6 or 106			Trim Wheel to Turnbuckle
1	MC0560051-7 or 107			Trim Wheel to Disconnect
1	MC0510105-44 or 144			Trim Actuator to Turnbuckle
1	MC0510105-45 or 145			Trim Act to Disconnect
1	MCS2295P25-59			Chain Trim Wheel
1	MCS2295P25-67			Chain Trim Actuator
2	MC0510105-277 or 377			Aileron Direct to Yoke
2	MC0510105-262 or 362			Aileron Drct to Bellcrank
2	MC0510105-265 or 365			Aileron Carry Thru RH

Kit continues in next column

Qty	P/N	Galv	SS	Location
2	MC0510105-264 or 364			Aileron Carry Thru LH
2	MC0510105-93 or 193			Flap Direct and Retract
2	MC0510105-94 or 194			Flap Direct and Retract
1	MC0510105-278			Parking Brake
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

180 1953-1955
S/N 30000 thru 32150
Complete Cable Kit P/N CCKT180-01G (Galvanized)
Complete Cable Kit P/N CCKT180-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-24*

Qty	P/N	Galv	SS	Location
2	MC0510105-26 or 126			Rudder Control
2	MC0510105-123			Tailwheel Steering
2	MC0510105-16 or 116			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
2	MC0510105-28 or 128			Stabilator Trim Fwd
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

180 A,B 1956-1959
S/N 32151 thru 50661
Complete Cable Kit P/N CCKT180-02G (Galvanized)
Complete Cable Kit P/N CCKT180-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-24*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
2	MC0510105-153			Tailwheel Steering
2	MC0510105-16 or 116			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option
1 MC0510105-128 Stabilizer Trim W/Camera
1 MC0510105-167 Rudder LH W/Camera
1 MC0510105-168 Rudder RH W/Camera
1 MC0510105-131 Elevator Up W/Camera
1 MC0510105-132 Elevator Down W/Camera

180C 1960
S/N 50662 thru 50744, 50746 thru 50747
Complete Cable Kit P/N CCKT180-03G (Galvanized)
Complete Cable Kit P/N CCKT180-03S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-25*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
2	MC0510105-153			Tailwheel Steering
2	MC0510105-16 or 116			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-79 or 179			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH

Kit continues in next column

Qty	P/N	Galv	SS	Location
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option
1 MC0510105-128 Stabilizer Trim W/Camera
1 MC0510105-167 Rudder LH W/Camera
1 MC0510105-168 Rudder RH W/Camera
1 MC0510105-131 Elevator Up W/Camera
1 MC0510105-132 Elevator Down W/Camera

180C D,E,F,G 1960-1964
S/N 50745, 50748 thru 18051410
Complete Cable Kit P/N CCKT180-04G (Galvanized)
Complete Cable Kit P/N CCKT180-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-25* or -26* Note 1

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
2	MC0510105-153			Tailwheel Steering
2	MC0510105-16 or 116			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option
1 MC0510105-128 Stabilizer Trim W/Camera
1 MC0510105-167 Rudder LH W/Camera
1 MC0510105-168 Rudder RH W/Camera
1 MC0510105-131 Elevator Up W/Camera
1 MC0510105-132 Elevator Down W/Camera
Note 1: S/N 50745, 50748 thru 18051183 USE PULL-KT-25

S/N 18051184 thru 18051410 USE PULL-KT-26

180G 1964
S/N 18051411 thru 18051445
Complete Cable Kit P/N CCKT180-05G (Galvanized)
Complete Cable Kit P/N CCKT180-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-26*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-16 or 116			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH

Kit continues on next page

* See pages 100-101 for Pulley Kit Components
* Partial model eligibility
* Included in both galvanized and stainless kits.
* Due to inconsistency in OEM parts these flap cables should be replaced at the same time.

Flight Control System

Flight Control Cables - Cessna



Continued from previous page

Qty	P/N	Galv	SS	Location
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option

1	MC0510105-128			Stabilizer Trim W/Camera
1	MC0510105-167			Rudder LH W/Camera
1	MC0510105-168			Rudder RH W/Camera
1	MC0510105-131			Elevator Up W/Camera
1	MC0510105-132			Elevator Down W/Camera

180H 1965
S/N 18051446 thru 18051607
Complete Cable Kit P/N CCKT180-06G (Galvanized)
Complete Cable Kit P/N CCKT180-06S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-27*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-213 or 313			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option

1	MC0510105-128			Stabilizer Trim W/Camera
1	MC0510105-167			Rudder LH W/Camera
1	MC0510105-168			Rudder RH W/Camera
1	MC0510105-131			Elevator Up W/Camera
1	MC0510105-132			Elevator Down W/Camera

180H 1966-1971
S/N 18051608 thru 18052206
Complete Cable Kit P/N CCKT180-07G (Galvanized)
Complete Cable Kit P/N CCKT180-07S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-28*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-213 or 313			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option

1	MC0510105-128			Stabilizer Trim W/Camera
1	MC0510105-167			Rudder LH W/Camera
1	MC0510105-168			Rudder RH W/Camera
1	MC0510105-131			Elevator Up W/Camera
1	MC0510105-132			Elevator Down W/Camera

180H 1971-1973
S/N 18052207 thru 18052331
Complete Cable Kit P/N CCKT180-08G (Galvanized)
Complete Cable Kit P/N CCKT180-08S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-83*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-71 or 171			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-213 or 313			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Aileron Bellcrank Bushing

Available separately for aircraft with camera option

1	MC0510105-128			Stabilizer Trim W/Camera
1	MC0510105-167			Rudder LH W/Camera
1	MC0510105-168			Rudder RH W/Camera
1	MC0510105-131			Elevator Up W/Camera
1	MC0510105-132			Elevator Down W/Camera

180J 1973
S/N 18052332 thru 18052384
Complete Cable Kit P/N CCKT180-09G (Galvanized)
Complete Cable Kit P/N CCKT180-09S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-83*

Qty	P/N	Galv	SS	Location
1	MC0510105-71 or 171			Rudder Forward LH
1	MC0510105-237 or 337			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-213 or 313			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-61 or 161			Flap Direct Inboard LH
1	MC0510105-62 or 162			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-70 or 170			Parking Brake
1	MC0432138-2			Chain Stab Trim Forward
1	MCS2295-25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Bellcrank Aileron Bushing

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC0510105-128			Stabilizer Trim W/Camera
1	MC0510105-167			Rudder LH W/Camera
1	MC0510105-168			Rudder RH W/Camera
1	MC0510105-131			Elevator Up W/Camera
1	MC0510105-132			Elevator Down W/Camera

180J 1974-1976
S/N 18052385 thru 18052770
Complete Cable Kit P/N CCKT180-12G (Galvanized)
Complete Cable Kit P/N CCKT180-12S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-29*

Qty	P/N	Galv	SS	Location
1	MC0510105-71 or 171			Rudder Forward LH
1	MC0510105-237 or 337			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0510105-323			Tailwheel Steering
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-213 or 313			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-227 or 327			Flap Direct Inboard LH
1	MC0510105-226 or 326			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-232			Parking Brake
1	MC0432138-2			Chain Stab Trim Forward
1	MCS2295P25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Bellcrank Aileron Bushing

Available separately for aircraft equipped with floats

1	MC0742022-1			Rudder Return
1	MC0742022-2			Rudder Return

180K 1977-1980
S/N 18052771 thru 18053167
Complete Cable Kit P/N CCKT180-10G (Galvanized)
Complete Cable Kit P/N CCKT180-10S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-29*

Qty	P/N	Galv	SS	Location
1	MC0510105-71 or 171			Rudder Forward LH
1	MC0510105-237 or 337			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
1	MC0510105-73 or 173			Rudder Bar Tie
2	MC0760135-106			Tailwheel Steering
1	MC0510105-394			Tailwheel Lock
2	MC0510105-222 or 322			Aileron Direct
1	MC0510105-13 or 113			Aileron Carry Thru
1	MC0760135-8 or 108			Aileron Yoke Primary
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0510105-216 or 316			Aileron Yoke Transition
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
1	MC0510105-82 or 182			Elevator Trim
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
2	MC0510105-59 or 159			Flap Direct Outboard
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-227 or 327			Flap Direct Inboard LH
1	MC0510105-226 or 326			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
1	MC0510105-232			Parking Brake
1	MCS2295P25-321			Chain Stab Trim Forward
1	MCS2295P25-185			Chain Stab Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Bellcrank Aileron Bushing

Kit continues on the next page

* See pages 100-101 for Pulley Kit Components
 1 Partial model eligibility
 2 Included in both galvanized and stainless kits.
 3 S/N 18052501 thru 18052770 only



Flight Control System

Flight Control Cables - Cessna



Continued from previous page			
Qty	P/N	Galv	SS Location
Available separately for aircraft equipped with floats			
1	MC0742022-1		Rudder Return
1	MC0742022-2		Rudder Return

180K, 1981
S/N 18053168 thru 18053203
Complete Cable Kit P/N CCKT180-11G (Galvanized)
Complete Cable Kit P/N CCKT180-11S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-29*

Qty	P/N	Galv	SS Location
1	MC0510105-71 or 171		Rudder Forward LH
1	MC0510105-237 or 337		Rudder Forward RH
2	MC0510105-52 or 152		Rudder Aft
1	MC0510105-73 or 173		Rudder Bar Tie
2	MC0760135-106		Tailwheel Steering
1	MC0510105-394		Tailwheel Lock
2	MC0510105-222 or 322		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0760135-8 or 108		Aileron Yoke Primary
1	MC0510105-215 or 315		Aileron Yoke LH
1	MC0510105-214 or 314		Aileron Yoke RH
1	MC0510105-216 or 316		Aileron Yoke Transition
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
1	MC0510105-82 or 182		Elevator Trim
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-225 or 325		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-227 or 327		Flap Direct Inboard LH
1	MC0510105-226 or 326		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-278		Parking Brake
1	MCS2295P25-321		Chain Stab Trim Forward
1	MCS2295P25-185		Chain Stab Trim Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

Available separately for aircraft equipped with floats
1 MC0742022-1 Rudder Return
1 MC0742022-2 Rudder Return

182, A, B 1956-1959
S/N 33000 thru 52358
Complete Cable Kit P/N CCKT182-01G (Galvanized)
Complete Cable Kit P/N CCKT182-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-34*

Qty	P/N	Galv	SS Location
1	MC0510105-26 or 126		Rudder Control LH
1	MC0510105-66 or 166		Rudder Control RH
1	MC0510105-73 or 173		Rudder Bar Tie
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
1	MC0510105-79 or 179		Elevator Trim
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-61 or 161		Flap Direct Inboard LH
1	MC0510105-62 or 162		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MC0432138-2		Chain Stab Trim Forward
1	MCS2295-25-185		Chain Stab Trim Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182C, 1960
S/N 52359 thru 52611 & 52613
Complete Cable Kit P/N CCKT182-02G (Galvanized)
Complete Cable Kit P/N CCKT182-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-35*

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
1	MC0510105-73 or 173		Rudder Bar Tie
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
1	MC0510105-79 or 179		Elevator Trim

Kit continues in the next column

Continued from previous column			
Qty	P/N	Galv	SS Location
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-61 or 161		Flap Direct Inboard LH
1	MC0510105-62 or 162		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MC0432138-2		Chain Stab Trim Forward
1	MCS2295-25-185		Chain Stab Trim Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182C, D 1960-1961
S/N 52612, 52614 thru 53007
18253008 thru 18253598
Complete Cable Kit P/N CCKT182-03G (Galvanized)
Complete Cable Kit P/N CCKT182-03S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-35*

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
1	MC0510105-73 or 173		Rudder Bar Tie
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
1	MC0510105-82 or 182		Elevator Trim
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-61 or 161		Flap Direct Inboard LH
1	MC0510105-62 or 162		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MC0432138-2		Chain Stab Trim Forward
1	MCS2295-25-185		Chain Stab Trim Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182E, 1962
S/N 18253599 thru 18253929
Complete Cable Kit P/N CCKT182-04G (Galvanized)
Complete Cable Kit P/N CCKT182-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-36*

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-95 or 195		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-88 or 188		Elevator Down Spring
1	MC0510105-86 or 186		Elevator Trim Forward LH
1	MC0510105-97 or 197		Elevator Trim Forward RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-85		Parking Brake
1	MCS2295-25-249		Elevator Trim Chain Fwd
1	MCS2295P25-113		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182E, F, G 1962-1964
S/N 18253930 thru 18255844
Complete Cable Kit P/N CCKT182-05G (Galvanized)
Complete Cable Kit P/N CCKT182-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-85*

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-95 or 195		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke

Kit continues in the next column

Continued from previous column			
Qty	P/N	Galv	SS Location
1	MC0510105-88 or 188		Elevator Down Spring
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-85		Parking Brake
1	MCS2295-25-67		Elevator Trim Chain Fwd
1	MCS2295-25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing

182H, J, K 1965-1967
S/N 18255845 thru 18258505
Complete Cable Kit P/N CCKT182-06G (Galvanized)
Complete Cable Kit P/N CCKT182-06S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-85* or -36* Note 1

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-95 or 195		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-85		Parking Brake
1	MCS2295-25-67		Elevator Trim Chain Fwd
1	MCS2295-25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing

Note 1: S/N 18255845 thru 18257625 USE PULL-KT-85
S/N 18257626 thru 18258399 USE PULL-KT-36
S/N 18258400 thru 18258505 USE PULL-KT-85

182L, M, N, P 1968-1973
S/N 18258506 thru 18262465
Complete Cable Kit P/N CCKT182-07G (Galvanized)
Complete Cable Kit P/N CCKT182-07S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-37*, -38*, -86* Note 1

Qty	P/N	Galv	SS Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC1260078-3 or 103		Aileron Yoke RH
1	MC1260078-2 or 102		Aileron Yoke LH
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-85		Parking Brake
1	MC1260078-5		Aileron Drive Quadrant
1	MCS2295-25-67		Elevator Trim Chain Fwd
1	MCS2295-25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing

Note 1: S/N 18258506 thru 18260445 USE PULL-KT-37
S/N 18260446 thru 18260669 USE PULL-KT-38
S/N 18260670 thru 18262465 USE PULL-KT-86

P/Ns MC1260078-2, -102, -3 and -103
Aileron Yoke cables are currently not included in 182 cable kits due to pending FAA-PMA approval.

* See pages 100-101 for Pulley Kit Components
1 Partial model eligibility
2 Included in both galvanized and stainless kits.
3 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.

Flight Control System

Flight Control Cables - Cessna



182P, Q, R, T182, F182P, Q 1974- 1981			
S/N 18262466 thru 18267789 F18200001 thru F18200169 Complete Cable Kit P/N CCKT182-08G (Galvanized) Complete Cable Kit P/N CCKT182-08S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-39*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC1260078-3 or 103		Aileron Yoke RH
1	MC1260078-2 or 102		Aileron Yoke LH
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-233 or 333		Parking Brake
1	MC1260078-52		Aileron Drive Quadrant
1	MCS2295-25-67		Elevator Trim Chain Fwd
1	MCS2295-25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Aileron Bellcrank Bushing

182R, T182 1981-1982			
S/N 18267790 thru 18268293 Complete Cable Kit P/N CCKT182-09G (Galvanized) Complete Cable Kit P/N CCKT182-09S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-39*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC1260078-3 or 103		Aileron Yoke RH
1	MC1260078-2 or 102		Aileron Yoke LH
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-279		Parking Brake
1	MC1260078-52		Aileron Drive Quadrant
1	MCS2295-25-67		Elevator Trim Chain Fwd
1	MCS2295-25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182R, T182 1983-1986			
S/N 18268294 thru 18268615 Complete Cable Kit P/N CCKT182-10G (Galvanized) Complete Cable Kit P/N CCKT182-10S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-39*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC1260078-3 or 103		Aileron Yoke RH
1	MC1260078-2 or 102		Aileron Yoke LH
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-279		Parking Brake
1	MC1260078-52		Aileron Drive Quadrant
1	MCS2295P25-67		Elevator Trim Chain Fwd
1	MCS2295P25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

R182, TR182, FR182 1978-1981			
S/N R18200001 thru R18201679, FR18200001 thru FR18200070 Complete Cable Kit P/N CCKT182-11G (Galvanized) Complete Cable Kit P/N CCKT182-11S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-40*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-18 or 118		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-250 or 350		Elevator LH Yoke
1	MC0510105-249 or 349		Elevator RH Yoke
1	MC0510105-245 or 345		Elevator Trim LH Forward
1	MC0510105-246 or 346		Elevator Trim RH Forward
1	MC0510105-247 or 347		Elevator Trim LH Aft
1	MC0510105-248 or 348		Elevator Trim RH Aft
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-233 or 333		Parking Brake
1	MCS2295P25-67		Elev Trim Chain Forward
1	MCS2295P25-71		Elev Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

R182, TR182 1981-1986			
S/N R18201680 thru R18202041 Complete Cable Kit P/N CCKT182-12G (Galvanized) Complete Cable Kit P/N CCKT182-12S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-40*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-18 or 118		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-250 or 350		Elevator LH Yoke
1	MC0510105-249 or 349		Elevator RH Yoke
1	MC0510105-245 or 345		Elevator Trim LH Forward
1	MC0510105-246 or 346		Elevator Trim RH Forward
1	MC0510105-247 or 347		Elevator Trim LH Aft
1	MC0510105-248 or 348		Elevator Trim RH Aft
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-92 or 192		Parking Brake
1	MC0510105-279		Elev Trim Chain Forward
1	MCS2295P25-67		Elev Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

182S, 182T, T182T 1997 and On			
S/N 18280001 and On, T18208001 and On Complete Cable Kit P/N CCKT182-13G (Galvanized) Complete Cable Kit P/N CCKT182-13S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-80*			
Qty	P/N	Galv SS	Location
1	MC0510105-77 or 177		Rudder Control LH
1	MC0510105-78 or 178		Rudder Control RH
2	MC1260105-9 or 109		Rudder Aft
2	MC0510105-228 or 328		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
1	MC0510105-90 or 190		Elevator LH Yoke
1	MC0510105-89 or 189		Elevator RH Yoke
1	MC0510105-201 or 301		Elevator Trim Fwd LH
1	MC0510105-202 or 302		Elevator Trim Fwd RH
1	MC0510105-87 or 187		Elevator Trim Aft LH
1	MC0510105-98 or 198		Elevator Trim Aft RH
1	MC0510105-93 or 193		Flap Retract
1	MC0510105-91 or 191		Flap Direct LH
1	MC0510105-94 or 194		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC1260078-5 or 105		Aileron Yoke Primary
1	MC1260078-7 or 107		Aileron Yoke LH
1	MC1260078-8 or 108		Aileron Yoke RH
1	MC0510105-279		Parking Brake
1	MCS2295P25-67		Elevator Trim Chain Fwd
1	MCS2295P25-71		Elevator Trim Chain Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

**P/Ns MC1260078-2, -102, -3 and -103
Aileron Yoke cables are currently not
included in 182 cable kits due to
pending FAA-PMA approval.**

185 1961			
S/N 1850001 thru 1850237 Complete Cable Kit P/N CCKT185-01G (Galvanized) Complete Cable Kit P/N CCKT185-01S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-30*			
Qty	P/N	Galv SS	Location
1	MC0510105-51 or 151		Rudder Forward LH
1	MC0510105-71 or 171		Rudder Forward RH
2	MC0510105-52 or 152		Rudder Aft
2	MC0510105-196		Tailwheel Steering
1	MC0510105-73 or 173		Rudder Trim
1	MC0510105-82 or 182		Elevator Trim
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-61 or 161		Flap Direct Inboard LH
1	MC0510105-62 or 162		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MCS2295P25-321		Chain Stab Trim Forward
1	MCS2295-25-185		Chain Stab Trim Aft
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

185A, B, C 1962-1964			
S/N 1850238 thru 1850768 Complete Cable Kit P/N CCKT185-02G (Galvanized) Complete Cable Kit P/N CCKT185-02S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-30*			
Qty	P/N	Galv SS	Location
1	MC0510105-51 or 151		Rudder Forward LH
1	MC0510105-71 or 171		Rudder Forward RH
2	MC0510105-52 or 152		Rudder Aft
2	MC0510105-199		Tailwheel Steering
1	MC0510105-73 or 173		Rudder Trim
1	MC0510105-82 or 182		Elevator Trim
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH
1	MC0510105-64 or 164		Flap Return Inboard RH
1	MC0510105-61 or 161		Flap Direct Inboard LH
1	MC0510105-62 or 162		Flap Direct Inboard RH
1	MC0510105-21 or 121		Flap Return Forward
1	MC0510105-22 or 122		Flap Direct Forward
1	MC0510105-70 or 170		Parking Brake
1	MCS2295-25-185		Chain Stab Trim Aft
1	MCS2295P25-321		Chain Stab Trim Forward
4	MCS2294-25		Chain Connecting Link
4	MC0422280		Bellcrank Aileron Bushing

185C 1964			
S/N 1850769 thru 1850776 Complete Cable Kit P/N CCKT185-03G (Galvanized) Complete Cable Kit P/N CCKT185-03S (Stainless Steel) Complete Pulley Kit P/N PULL-KT-30*			
Qty	P/N	Galv SS	Location
1	MC0510105-51 or 151		Rudder Forward LH
1	MC0510105-71 or 171		Rudder Forward RH
2	MC0510105-52 or 152		Rudder Aft
2	MC0510105-323		Tailwheel Steering
1	MC0510105-73 or 173		Rudder Trim
1	MC0510105-82 or 182		Elevator Trim
1	MC0510105-24 or 124		Elevator Upper
1	MC0510105-25 or 125		Elevator Lower
2	MC0510105-28 or 128		Stabilator Trim Forward
2	MC0510105-29 or 129		Stabilator Trim Aft
2	MC0510105-16 or 116		Aileron Direct
1	MC0510105-13 or 113		Aileron Carry Thru
2	MC0510105-59 or 159		Flap Direct Outboard
2	MC0510105-60 or 160		Flap Return Outboard
1	MC0510105-63 or 163		Flap Return Inboard LH

Kit continues on next page

- * See pages 100-101 for Pulley Kit Components
- Partial model eligibility
- Included in both galvanized and stainless kits.
- Due to inconsistency in OEM parts these flap cables should be replaced at the same time.



Flight Control System

Flight Control Cables - Cessna



Continued from previous page		
Qty	P/N	Galv SS Location
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-61 or 161	Flap Direct Inboard LH
1	MC0510105-62 or 162	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-70 or 170	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295-25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

185D 1965
S/N 1850777 thru 1850967
Complete Cable Kit P/N CCKT185-04G (Galvanized)
Complete Cable Kit P/N CCKT185-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-31*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-71 or 171	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Control Aft
2	MC0510105-323 ²	Tailwheel Steering
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-59 or 159	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-61 or 161	Flap Direct Inboard LH
1	MC0510105-62 or 162	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-70 or 170	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295-25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

185E, A185E 1966-1971
S/N 1850968 thru 18501901
Complete Cable Kit P/N CCKT185-05G (Galvanized)
Complete Cable Kit P/N CCKT185-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-32*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-71 or 171	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Aft
2	MC0510105-323 ²	Tailwheel Steering
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard RH
1	MC0510105-226 or 326	Flap Direct Inboard LH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-70 or 170	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295-25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

A185E 1, A185F 1971-1973
S/N 18501902 thru 18502206
Complete Cable Kit P/N CCKT185-06G (Galvanized)
Complete Cable Kit P/N CCKT185-06S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-84*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-71 or 171	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Aft
2	MC0510105-323 ²	Tailwheel Steering
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard RH
1	MC0510105-226 or 326	Flap Direct Inboard LH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-232 ²	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295-25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

A185F 1973
S/N 18502207 thru 18502310
Complete Cable Kit P/N CCKT185-11G (Galvanized)
Complete Cable Kit P/N CCKT185-11S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-84*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-237 or 337	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Aft
2	MC0510105-323 ²	Tailwheel Steering
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard LH
1	MC0510105-226 or 326	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-232 ²	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295-25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

A185F 1974-1976
S/N 18502311 thru 18503153
Complete Cable Kit P/N CCKT185-07G (Galvanized)
Complete Cable Kit P/N CCKT185-07S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-33*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-237 or 337	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Control Aft
2	MC0510105-323 ²	Tailwheel Steering
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH

Kit continues in next column

Continued from previous column		
Qty	P/N	Galv SS Location
1	MC0510105-213 or 313	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard LH
1	MC0510105-226 or 326	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-232 ²	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295P25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

Available separately for aircraft equipped with floats

1 MC0742022-1³ Rudder Return
1 MC0742022-2³ Rudder Return

185F 1977-1980
S/N 18503154 thru 18504138
Complete Cable Kit P/N CCKT185-08G (Galvanized)
Complete Cable Kit P/N CCKT185-08S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-33*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-237 or 337	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Control Aft
2	MC0760135-106 ²	Tailwheel Steering
1	MC0510105-394 ²	Tailwheel Lock
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0760135-8 or 108	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard LH
1	MC0510105-226 or 326	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-232 ²	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295P25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing

Available separately for aircraft equipped with floats

1 MC0742022-1 Rudder Return
1 MC0742022-2 Rudder Return

185F 1981-1982
S/N 18504139 thru 18504379
18504381 thru 18504391
Complete Cable Kit P/N CCKT185-09G (Galvanized)
Complete Cable Kit P/N CCKT185-09S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-33*

Qty	P/N	Galv SS Location
1	MC0510105-51 or 151	Rudder Forward LH
1	MC0510105-237 or 337	Rudder Forward RH
2	MC0510105-52 or 152	Rudder Control Aft
2	MC0760135-106 ²	Tailwheel Steering
1	MC0510105-394 ²	Tailwheel Lock
1	MC0510105-73 or 173	Rudder Trim
1	MC0510105-82 or 182	Elevator Trim
1	MC0510105-24 or 124	Elevator Upper
1	MC0510105-25 or 125	Elevator Lower
2	MC0510105-28 or 128	Stabilator Trim Forward
2	MC0510105-29 or 129	Stabilator Trim Aft
1	MC0510105-215 or 315	Aileron Yoke LH
1	MC0510105-214 or 314	Aileron Yoke RH
1	MC0760135-8 or 108	Aileron Yoke Primary
1	MC0510105-216 or 316	Aileron Yoke Transition
2	MC0510105-222 or 322	Aileron Direct

Kit continues on next page

* See pages 100-101 for Pulley Kit Components

¹ Partial model eligibility

² Included in both galvanized and stainless kits.

³ For S/N 18502566 thru 18503153 only

Flight Control System Flight Control Cables - Cessna



Continued from previous page		
Qty	P/N	Location
1	MC0510105-13 or 113	Aileron Carry Thru
2	MC0510105-225 or 325	Flap Direct Outboard
2	MC0510105-60 or 160	Flap Return Outboard
1	MC0510105-63 or 163	Flap Return Inboard LH
1	MC0510105-64 or 164	Flap Return Inboard RH
1	MC0510105-227 or 327	Flap Direct Inboard LH
1	MC0510105-226 or 326	Flap Direct Inboard RH
1	MC0510105-21 or 121	Flap Return Forward
1	MC0510105-22 or 122	Flap Direct Forward
1	MC0510105-278	Parking Brake
1	MCS2295P25-321	Chain Stab Trim Forward
1	MCS2295P25-185	Chain Stab Trim Aft
4	MCS2294-25	Chain Connecting Link
4	MC0422280	Bellcrank Aileron Bushing
Available separately for aircraft equipped with floats		
1	MC0742022-1	Rudder Return
1	MC0742022-2	Rudder Return

A185F 1982-1985
S/N 18504380, 18504392 thru 18504448
Complete Cable Kit P/N CCKT185-10G (Galvanized)
Complete Cable Kit P/N CCKT185-10S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-33*

Qty	P/N	Galv	SS	Location
1	MC0510105-51 or 151			Rudder Forward LH
1	MC0510105-237 or 337			Rudder Forward RH
2	MC0510105-52 or 152			Rudder Aft
2	MC0760135-106			Tailwheel Steering
1	MC0510105-394			Tailwheel Lock
1	MC0510105-73 or 173			Rudder Trim
1	MC0510105-82 or 182			Elevator Trim
1	MC0510105-24 or 124			Elevator Upper
1	MC0510105-25 or 125			Elevator Lower
2	MC0510105-28 or 128			Stabilator Trim Forward
2	MC0510105-29 or 129			Stabilator Trim Aft
1	MC0510105-215 or 315			Aileron Yoke LH
1	MC0510105-214 or 314			Aileron Yoke RH
1	MC0760135-8 or 108			Aileron Yoke Primary
1	MC0510105-216 or 316			Aileron Yoke Transition
2	MC0510105-295 or 395			Aileron Direct to Yoke
2	MC0510105-262 or 362			Aileron Drct to Bellcrank
1	MC0510105-264 or 364			Aileron Carry Thru LH
1	MC0510105-265 or 365			Aileron Carry Thru RH
2	MC0510105-225 or 325			Flap Direct Outboard
1	MC0510105-227 or 327			Flap Direct Inboard LH
1	MC0510105-226 or 326			Flap Direct Inboard RH
1	MC0510105-21 or 121			Flap Return Forward
1	MC0510105-22 or 122			Flap Direct Forward
2	MC0510105-60 or 160			Flap Return Outboard
1	MC0510105-63 or 163			Flap Return Inboard LH
1	MC0510105-64 or 164			Flap Return Inboard RH
1	MC0510105-278			Parking Brake
1	MCS2295P25-321			Stabilator Trim Forward
1	MCS2295P25-185			Stabilator Trim Aft
4	MCS2294-25			Chain Connecting Link
4	MC0422280			Bellcrank Aileron Bushing
Available separately for aircraft equipped with floats				
1	MC0742022-1			Rudder Return
1	MC0742022-2			Rudder Return

188, A188 1966-1967
S/N 1880001 thru 1880293
Complete Cable Kit P/N CCKT188-01
Complete Pulley Kit P/N PULL-KT-41*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	1660300-17	Flap Retract to Lever
1	1660300-16	Flap Direct to Lever
2	MC1660300-8	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-11	Aileron Carry Thru LH
1	MC1660300-10	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-4	Elevator Down Aft
1	MC1660300-6	Elevator Trim Fwd Upper
1	MC1660300-7	Elevator Trim Fwd Lower
1	MC0510105-187	Elevator Trim Aft Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft

Kit continues in next column

Qty	P/N	Galv	SS	Location
2	MC0510105-323			Tailwheel Steering
4	MC0422280			Bellcrank Aileron Bushing

188, A188 1966-1967
S/N 1880294 thru 1880317
Complete Cable Kit P/N CCKT188-02
Complete Pulley Kit P/N PULL-KT-41*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever
2	MC1660300-8	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-11	Aileron Carry Thru LH
1	MC1660300-10	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-4	Elevator Down Aft
1	MC1660300-6	Elevator Trim Fwd Upper
1	MC1660300-7	Elevator Trim Fwd Lower
1	MC0510105-187	Elevator Trim Aft Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft
2	MC0510105-323	Tailwheel Steering
4	MC0422280	Bellcrank Aileron Bushing

188, A188 1968-1969
S/N 1880318 thru 1880572
Complete Cable Kit P/N CCKT188-03
Complete Pulley Kit P/N PULL-KT-42*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever
2	MC1660300-8	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-11	Aileron Carry Thru LH
1	MC1660300-10	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-6	Elevator Down Aft
1	MC1660300-7	Elevator Trim Fwd Upper
1	MC0510105-187	Elevator Trim Fwd Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft
2	MC0510105-323	Tailwheel Steering
1	MC1613245-2	Parking Brake Cable
4	MC0422280	Bellcrank Aileron Bushing

188A, A188A 1970-1971
S/N 18800573 thru 18800707
Complete Cable Kit P/N CCKT188-04
Complete Pulley Kit P/N PULL-KT-43*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever
2	MC1660300-8	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-11	Aileron Carry Thru LH
1	MC1660300-10	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-4	Elevator Down Aft
1	MC1660300-6	Elevator Trim Fwd Upper
1	MC1660300-7	Elevator Trim Fwd Lower
1	MC0510105-187	Elevator Trim Aft Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd

Kit continues in next column

Qty	P/N	Location
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft
2	MC0510105-323	Tailwheel Steering
1	MC1613245-2	Parking Brake Cable
4	MC0422280	Bellcrank Aileron Bushing

188A, A188A 1970-1971
S/N 18800708 thru 18800832
Complete Cable Kit P/N CCKT188-05
Complete Pulley Kit P/N PULL-KT-44*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever
2	MC1660300-35	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-33	Aileron Carry Thru LH
1	MC1660300-38	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-4	Elevator Down Aft
1	MC1660300-6	Elevator Trim Fwd Upper
1	MC1660300-7	Elevator Trim Fwd Lower
1	MC0510105-187	Elevator Trim Aft Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft
2	MC0510105-323	Tailwheel Steering
1	MC1613245-2	Parking Brake Cable
4	MC0422280	Bellcrank Aileron Bushing

188B, A188B 1972
S/N 18800833 thru 18800874
Complete Cable Kit P/N CCKT188-06
Complete Pulley Kit P/N PULL-KT-44*

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever
2	MC1660300-35	Aileron Dir to Torque Tube
2	MC1660300-9	Aileron Direct to Bellcrank
1	MC1660300-33	Aileron Carry Thru LH
1	MC1660300-38	Aileron Carry Thru RH
1	MC1660300-3	Elevator Down Forward
1	MC1660300-5	Elevator Up
1	MC1660300-4	Elevator Down Aft
1	MC1660300-6	Elevator Trim Fwd Upper
1	MC1660300-7	Elevator Trim Fwd Lower
1	MC0510105-187	Elevator Trim Aft Lower
1	MC0510105-198	Elevator Trim Aft Upper
1	MCS2295-25-70	Elevator Trim Chain Fwd
1	MCS2295P25-71	Elevator Trim Chain Aft
4	MCS2294-25	Connecting Link
2	MC1660300-1	Rudder Forward
2	MC1660300-2	Rudder Center
2	MC0510105-152	Rudder Aft
2	MC0510105-323	Tailwheel Steering
1	MC1613245-2	Parking Brake Cable
1	MC1660300-41	Deflector
4	MC0422280	Bellcrank Aileron Bushing

188B, A188B 1972-1973
S/N 18800875 thru 18801374 & 967T thru 1374T
Complete Cable Kit P/N CCKT188-07
Complete Pulley Kit P/N PULL-KT-44* or -45* Note 1

Qty	P/N	Location
1	MC1660300-13	Flap Direct LH Bellcrank
1	MC1660300-12	Flap Direct RH Bellcrank
1	MC1660300-15	Flap Retract LH Bellcrank
1	MC1660300-14	Flap Retract RH Bellcrank
1	MC1660300-21	Flap Retract to Lever
1	MC1660300-20	Flap Direct to Lever

Kit continues on next page

* See pages 100-101 for Pulley Kit Components
 1 Partial model eligibility
 2 Included in both galvanized and stainless kits.
 3 Listed for reference only.



Flight Control System

Flight Control Cables - Cessna

Continued from previous page

Qty P/N	Location
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0510105-323	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC1660300-41	Deflector
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

Note 1: S/N 18800875 thru 18801348 USE PULL-KT-44
S/N 18801349 thru 18801374T
USE PULL-KT-44
S/N 18801349 thru 18801374 USE PULL-KT-45

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 MC1660300-21	Flap Retract to Lever
1 MC1660300-20	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0510105-323	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC1660300-42	Deflector W/Flashing Beacon
1 MC1660300-43	Deflector
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

1888B, 1888B 1974-1975
S/N 18801403 thru 18802348 & 1403T thru 2348T
Complete Cable Kit P/N CCKT188-08
Complete Pulley Kit P/N PULL-KT-46*

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 MC1660300-21	Flap Retract to Lever
1 MC1660300-20	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link

Kit continues in next column

Continued from previous column

Qty P/N	Location
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0510105-323	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC1660300-42	Deflector (W/Flashing Beacon)
1 MC1660300-43	Deflector
2 MC1660300-44	Parking Brake
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

A188B, 1976
S/N 18802349 thru 18802745,
18802349T thru 18802745T
Complete Cable Kit P/N CCKT188-10
Complete Pulley Kit P/N PULL-KT-46*

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 MC1660300-21	Flap Retract to Lever
1 MC1660300-20	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0510105-323	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

A188B, 1977-1978
S/N 18802746 thru 18803296,
18802746T thru 18803296T
Complete Cable Kit P/N CCKT188-11
Complete Pulley Kit P/N PULL-KT-46*

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 1660300-47	Flap Retract to Lever
1 1660300-46	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0760135-106	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

A188B, T188C 1979
S/N 18803297 thru 18803521,
18803297T thru 18803521T,
T18803297T thru T18803521T
Complete Cable Kit P/N CCKT188-12
Complete Pulley Kit P/N PULL-KT-46*

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank

Kit continues in next column

Continued from previous column

Qty P/N	Location
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 1660300-47	Flap Retract to Lever
1 1660300-46	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0760135-106	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC9861000-1	Tailwheel Lock Control
1 MC1660300-48	Deflector
4 MC0422280	Bellcrank Aileron Bushing

A188B, T188C 1980-1983
S/N 18803522 thru 18803856,
18803522T thru 18803968T,
T18803522T thru T18803968T
Complete Cable Kit P/N CCKT188-13
Complete Pulley Kit P/N PULL-KT-46*

Qty P/N	Location
1 MC1660300-13	Flap Direct LH Bellcrank
1 MC1660300-12	Flap Direct RH Bellcrank
1 MC1660300-15	Flap Retract LH Bellcrank
1 MC1660300-14	Flap Retract RH Bellcrank
1 1660300-47	Flap Retract to Lever
1 1660300-46	Flap Direct to Lever
2 MC1660300-35	Aileron Dir to Torque Tube
2 MC1660300-9	Aileron Direct to Bellcrank
1 MC1660300-33	Aileron Carry Thru LH
1 MC1660300-38	Aileron Carry Thru RH
1 MC1660300-3	Elevator Down Forward
1 MC1660300-5	Elevator Up
1 MC1660300-4	Elevator Down Aft
1 MC1660300-6	Elevator Trim Fwd Upper
1 MC1660300-7	Elevator Trim Fwd Lower
1 MC0510105-187	Elevator Trim Aft Lower
1 MC0510105-198	Elevator Trim Aft Upper
1 MCS2295-25-70	Elevator Trim Chain Fwd
1 MCS2295P25-71	Elevator Trim Chain Aft
4 MCS2294-25	Connecting Link
2 MC1660300-1	Rudder Forward
2 MC1660300-2	Rudder Center
2 MC0510105-152	Rudder Aft
2 MC0760135-106	Tailwheel Steering
1 MC1613245-2	Parking Brake Cable
1 MC9861000-1	Tailwheel Lock Control
4 MC0422280	Bellcrank Aileron Bushing

210-5 (205) 1963
S/N 205-0001 thru 205-0050
Complete Cable Kit P/N CCKT205-01G (Galvanized)
Complete Cable Kit P/N CCKT205-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-47*

Qty P/N	Galv SS	Location
1 MC1260505-1 or 101		Park Brake
1 MC1260417-1 or 2		Park Brake Cable & Tube
2 MC1260505-3 or 103		Aileron Direct
1 MC0510105-13 or 113		Aileron Carry Thru
1 MC1260505-18 or 118		Elevator Down
1 MC1260505-19 or 119		Elevator Up
1 MC1260505-2 or 102		Elevator Down Spring
1 MCS2295-25-185		Chain Elev Trim Fwd Low
1 MCS2295A25-111		Chain Elev Trim Fwd Up
1 MC1260505-16 or 116		Elev. Trim Forward LH
1 MC1260505-17 or 117		Elev. Trim Forward RH
1 MC1260505-8 or 108		Elevator Trim Aft LH
1 MC1260505-7 or 107		Elevator Trim Aft RH
1 MC0510105-93 or 193		Flap Retract
1 MC0510105-91 or 191		Flap Direct RH

Kit continues on next page

* See pages 100-101 for Pulley Kit Components
1 Partial model eligibility
2 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.
3 Listed for reference only.

Flight Control System Flight Control Cables - Cessna



Continued from previous page			
Qty	P/N	Galv SS	Location
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MCS2295P25-113	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link
4	MC0422280	6	Bellcrank Aileron Bushing

210-5 (205) I, 210-5A (205A) 1963 I-1964
S/N 205-0051 thru 205-0577
Complete Cable Kit P/N CCKT205-02G (Galvanized)
Complete Cable Kit P/N CCKT205-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-47*

Qty	P/N	Galv SS	Location
1	MC1260505-1 or 101	6	Park Brake
1	MC1260417-1 or 2	6	Park Brake Cable & Tube
2	MC1260505-3 or 103	6	Aileron Direct
1	MC0510105-13 or 113	6	Aileron Carry Thru
1	MC1260505-18 or 118	6	Elevator Down
1	MC1260505-19 or 119	6	Elevator Up
1	MC1260505-2 or 102	6	Elevator Down Spring
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MC1260505-16 or 116	6	Elevator Trim Fwd LH
1	MC1260505-21 or 121	6	Elevator Trim Fwd RH
1	MC1260505-8 or 108	6	Elevator Trim Aft LH
1	MC1260505-20 or 120	6	Elevator Trim Aft RH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct RH
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MCS2295P25-113	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link
4	MC0422280	6	Bellcrank Aileron Bushing

206, U206, A, B, TU206A, B 1964-1967
P206, P206A, B, TP206A, B 1964-1967
S/N 206-0001 thru U206-0914,
P206-0001 thru P206-0419
Complete Cable Kit P/N CCKT206-01G (Galvanized)
Complete Cable Kit P/N CCKT206-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-48*

Qty	P/N	Galv SS	Location
1	MC1260417-1 or 2	6	Park Cable and Tube
1	MC1260505-1 or 101	6	Park Brake
1	MC1260505-29 or 129	6	Elevator Down Forward
1	MC1260505-30 or 130	6	Elevator Up Forward
1	MC1260505-28 or 128	6	Elevator Down Spring
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MC1260505-16 or 116	6	Elevator Trim Fwd LH
1	MC1260505-21 or 121	6	Elevator Trim Fwd RH
1	MC1260505-8 or 108	6	Elevator Trim Aft LH
1	MC1260505-20 or 120	6	Elevator Trim Aft RH
2	MC1260505-25 or 125	6	Aileron Direct
2	MC1260505-26 or 126	6	Aileron Direct Outboard
1	MC1260505-23 or 123	6	Aileron Carry Thru LH
1	MC1260505-27 or 127	6	Aileron Carry Thru RH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct LH
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MCS2295P25-113	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-9 or 109 Rudder Aft LH W/Camera

U206C, D, TU206C, D 1968-1969
P206C, D, TP206C, D 1968-1969
S/N U206-0915 thru U206-1345,
P206-0420 thru P206-0583
Complete Cable Kit P/N CCKT206-02G (Galvanized)
Complete Cable Kit P/N CCKT206-02S (Stainless Steel)
Complete Cable Kit P/N CCKT206-02GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT206-02SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-49*

Qty	P/N	Galv SS	Location
1	MC1260505-1 or 101	6	Park Brake
1	MC1260417-1 or 2	6	Park Cable and Tube
1	MC1260505-29 or 129	6	Elevator Down Forward

Kit continues in next column

Continued from previous column			
Qty	P/N	Galv SS	Location
1	MC1260505-30 or 130	6	Elevator Up Forward
1	MC1260505-53 or 153	6	Elevator Down Spring
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MC1260505-16 or 116	6	Elev. Trim Forward LH
1	MC1260505-21 or 121	6	Elev. Trim Forward RH
1	MC1260505-46 or 146	6	Elevator Trim Aft LH
1	MC1260505-45 or 145	6	Elevator Trim Aft RH
1	MC1260078-8 or 108	6	Aileron Yoke RH
1	MC1260078-7 or 107	6	Aileron Yoke LH
1	MC1260078-5 or 105	6	Aileron Yoke Primary
2	MC1260505-55 or 155	6	Aileron Direct Inboard
2	MC1260505-58 or 158	6	Aileron Direct Outboard
2	MC1260505-60 or 160	6	Aileron Carry Thru LH
1	MC1260505-54 or 154	6	Aileron Carry Thru RH
1	MC1260505-168 or 168	6	Elev. Trim Center LH
1	MC1260505-64 or 164	6	Elev. Trim Center RH
1	MC1260505-63 or 163	6	Elev Trim Forward LH
1	MC1260505-69 or 169	6	Elev Trim Aft RH
1	MC1260505-57 or 157	6	Elev Trim Aft LH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct LH
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MCS2295P25-113	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-9 or 109 Rudder Aft LH W/Camera

U206D, E, TU206D, E 1965-1971
P206D, E, TP206D, E 1965-1971
S/N U206-1346 thru U20601667,
P206-0584 thru P20600647
Complete Cable Kit P/N CCKT206-03G (Galvanized)
Complete Cable Kit P/N CCKT206-03S (Stainless Steel)
Complete Cable Kit P/N CCKT206-03GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT206-03SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-49*

Qty	P/N	Galv SS	Location
1	MC1260505-1 or 101	6	Park Brake
1	MC1260417-1 or 2	6	Park Brake Cable & Tube
1	MC1260505-29 or 129	6	Elevator Down Forward
1	MC1260505-30 or 130	6	Elevator Up Forward
1	MC1260505-303 or 403	6	Elevator Down Spring
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MC1260505-95 or 195	6	Elevator Trim Fwd LH
1	MC1260505-92 or 192	6	Elevator Trim Fwd RH
1	MC1260505-46 or 146	6	Elevator Trim Aft LH
1	MC1260505-91 or 191	6	Elevator Trim Aft RH
1	MC1260078-8 or 108	6	Aileron Yoke RH
1	MC1260078-7 or 107	6	Aileron Yoke LH
1	MC1260078-5 or 105	6	Aileron Yoke Primary
2	MC1260505-55 or 155	6	Aileron Direct Inboard
2	MC1260505-58 or 158	6	Aileron Direct Outboard
2	MC1260505-60 or 160	6	Aileron Carry Thru LH
1	MC1260505-54 or 154	6	Aileron Carry Thru RH
1	MC1260505-168 or 168	6	Elev. Trim Center LH
1	MC1260505-64 or 164	6	Elev. Trim Center RH
1	MC1260505-63 or 163	6	Elev Trim Forward LH
1	MC1260505-69 or 169	6	Elev Trim Aft RH
1	MC1260505-57 or 157	6	Elev Trim Aft LH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct LH
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MCS2295-25-47	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-9 or 109 Rudder Aft LH W/Camera

U206E, I, TU206E, I 1971
S/N U20601668 thru U20601700
Complete Cable Kit P/N CCKT206-04G (Galvanized)
Complete Cable Kit P/N CCKT206-04S (Stainless Steel)
Complete Cable Kit P/N CCKT206-04GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT206-04SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-50*

Qty	P/N	Galv SS	Location
1	MC1260505-97 or 197	6	Park Brake

Kit continues in next column

Continued from previous column			
Qty	P/N	Galv SS	Location
1	MC1260417-1 or 2	6	Park Brake Cable & Tube
1	MC1260505-29 or 129	6	Elevator Down Forward
1	MC1260505-30 or 130	6	Elevator Up Forward
1	MC1260505-303 or 403	6	Elevator Down Spring
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MC1260505-95 or 195	6	Elevator Trim Fwd LH
1	MC1260505-92 or 192	6	Elevator Trim Fwd RH
1	MC1260505-46 or 146	6	Elevator Trim Aft LH
1	MC1260505-91 or 191	6	Elevator Trim Aft RH
1	MC1260078-8 or 108	6	Aileron Yoke RH
1	MC1260078-7 or 107	6	Aileron Yoke LH
1	MC1260078-5 or 105	6	Aileron Yoke Primary
2	MC1260505-55 or 155	6	Aileron Direct Inboard
2	MC1260505-58 or 158	6	Aileron Direct Outboard
2	MC1260505-60 or 160	6	Aileron Carry Thru LH
2	MC1260505-54 or 154	6	Aileron Carry Thru RH
1	MC1260505-168 or 168	6	Elev Trim Center LH
1	MC1260505-64 or 164	6	Elev Trim Center RH
1	MC1260505-63 or 163	6	Elev Trim Forward LH
1	MC1260505-69 or 169	6	Elev Trim Aft RH
1	MC1260505-57 or 157	6	Elev Trim Aft LH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct LH
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MCS2295-25-47	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-9 or 109 Rudder Aft LH W/Camera

U206F, I, TU206F, I 1972
S/N U20601701 thru U20601748
Complete Cable Kit P/N CCKT206-05G (Galvanized)
Complete Cable Kit P/N CCKT206-05S (Stainless Steel)
Complete Cable Kit P/N CCKT206-05GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT206-05SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-51*

Qty	P/N	Galv SS	Location
1	MC1260505-97 or 197	6	Park Brake
1	MC1260417-1 or 2	6	Park Brake Cable & Tube
1	MC1260505-29 or 129	6	Elevator Down Forward
1	MC1260505-30 or 130	6	Elevator Up Forward
1	MC1260505-303 or 403	6	Elevator Down Spring
1	MCS2295A25-111	6	Chain Elev Trim Fwd Up
1	MCS2295-25-185	6	Chain Elev Trim Fwd Low
1	MC1260505-95 or 195	6	Elevator Trim Fwd LH
1	MC1260505-98 or 198	6	Elevator Trim Fwd RH
1	MC1260505-46 or 146	6	Elevator Trim Aft LH
1	MC1260505-99 or 199	6	Elevator Trim Aft RH
1	MC1260078-8 or 108	6	Aileron Yoke RH
1	MC1260078-7 or 107	6	Aileron Yoke LH
1	MC1260078-5 or 105	6	Aileron Yoke Primary
2	MC1260505-55 or 155	6	Aileron Direct Inboard
2	MC1260505-58 or 158	6	Aileron Direct Outboard
2	MC1260505-60 or 160	6	Aileron Carry Thru LH
2	MC1260505-54 or 154	6	Aileron Carry Thru RH
1	MC1260505-168 or 168	6	Elev. Trim Center LH
1	MC1260505-64 or 164	6	Elev. Trim Center RH
1	MC1260505-63 or 163	6	Elev. Trim Forward LH
1	MC1260505-69 or 169	6	Elev. Trim Aft RH
1	MC1260505-57 or 157	6	Elev. Trim Aft LH
1	MC0510105-93 or 193	6	Flap Retract
1	MC0510105-94 or 194	6	Flap Retract
1	MC0510105-91 or 191	6	Flap Direct LH
1	MC0510105-92 or 192	6	Flap Direct RH
1	MC0510105-203 or 303	6	Rudder Forward LH
1	MC0510105-204 or 304	6	Rudder Forward RH
1	MC1260505-12 or 112	6	Rudder Aft RH
1	MC1260505-13 or 113	6	Rudder Aft LH
1	MCS2295-25-47	6	Chain Elev Trim Actuator
6	MCS2294-25	6	Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

* See pages 100-101 for Pulley Kit Components
1 Partial model eligibility
2 Included in both galvanized and stainless kits.
3 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.
4 Included in kits for manual trim aircraft only.
5 Included in kits for electric trim aircraft only.
6 Pending FAA-PMA approval of eligibility for these aircraft. Not included in kit until approval received.

Flight Control System Flight Control Cables - Cessna



U206F, TU206F 1972-1973
S/N U20601749 thru U20601874
Complete Cable Kit P/N CCKT206-06G (Galvanized)
Complete Cable Kit P/N CCKT206-06S (Stainless Steel)
Complete Cable Kit P/N CCKT206-06GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT206-06SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-51*

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260505-29 or 129			Elevator Down Forward
1	MC1260505-30 or 130			Elevator Up Forward
1	MC1260505-303 or 403			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
2	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC1260505-168 or 168			Elev. Trim Center LH
1	MC1260505-64 or 164			Elev. Trim Center RH
1	MC1260505-63 or 163			Elev. Trim Forward LH
1	MC1260505-69 or 169			Elev. Trim Aft RH
1	MC1260505-57 or 157			Elev. Trim Aft LH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-91 or 191			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MCS2295-25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

U206F, TU206F 1973
S/N U20601875 thru U20601957
Complete Cable Kit P/N CCKT206-07G (Galvanized)
Complete Cable Kit P/N CCKT206-07S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-52*

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260505-29 or 129			Elevator Down Forward
1	MC1260505-30 or 130			Elevator Up Forward
1	MC1260505-303 or 403			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
2	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-91 or 191			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MCS2295-25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

U206F, TU206F 1973
S/N U20601958 thru U20602199
Complete Cable Kit P/N CCKT206-08G (Galvanized)
Complete Cable Kit P/N CCKT206-08S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-52*

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260505-29 or 129			Elevator Down Fwd

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC1260505-30 or 130			Elevator Up Fwd
1	MC1260505-303 or 403			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-304 or 304			Elevator Trim Aft RH
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
2	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-91 or 191			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MCS2295-25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

U206F 1974
S/N U20602200 thru U20602579
Complete Cable Kit P/N CCKT206-09G (Galvanized)
Complete Cable Kit P/N CCKT206-09S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-53*

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260505-29 or 129			Elevator Down Fwd
1	MC1260505-30 or 130			Elevator Up Forward
1	MC1260505-303 or 403			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MCS2295-25-47			Chain Elev Trim Actuator
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-5 or 105			Aileron Yoke Primary
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-8 or 108			Aileron Yoke RH
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

U206F, G, TU206F, G 1975-1980
S/N U20602580 thru U20605919
Complete Cable Kit P/N CCKT206-10G (Galvanized)
Complete Cable Kit P/N CCKT206-10S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-54* or -55* Note 1

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
2	MC1260505-306 or 406			Elevator Control
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MCS2295-25-47			Chain Elev Trim Actuator
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-5 or 105			Aileron Yoke Primary
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-8 or 108			Aileron Yoke RH
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

Note 1:
S/N U20602580 thru U20603798 USE PULL-KT-54
S/N U20603799 thru U20605919 USE PULL-KT-55
U206G, TU206G 1981
S/N U20605920 thru U20606003
Complete Cable Kit P/N CCKT206-11G (Galvanized)
Complete Cable Kit P/N CCKT206-11S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-55*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
2	MC1260505-306 or 406			Elevator Control
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MCS2295-25-47			Chain Elev Trim Actuator
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-5 or 105			Aileron Yoke Primary
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-8 or 108			Aileron Yoke RH
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH
6	MCS2294-25			Chain Connecting Link

Available separately for aircraft with camera option
1 MC1260105-118 Rudder Aft LH W/Cam.

U206G, TU206G 1981
S/N U20606004 thru U20606439
Complete Cable Kit P/N CCKT206-12G (Galvanized)
Complete Cable Kit P/N CCKT206-12S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-55*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
2	MC1260505-306 or 406			Elevator Control
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295-25-185			Chain Elev Trim Fwd Low
1	MCS2295-25-47			Chain Elev Trim Actuator
1	MC1260505-95 or 195			Elevator Trim Fwd LH
1	MC1260505-98 or 198			Elevator Trim Fwd RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-99 or 199			Elevator Trim Aft RH
1	MC1260078-5 or 105			Aileron Yoke Primary
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-8 or 108			Aileron Yoke RH
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC0510105-93 or 193			Flap Retract
1	MC0510105-94 or 194			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-203 or 303			Rudder Forward LH
1	MC0510105-204 or 304			Rudder Forward RH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260505-13 or 113			Rudder Aft LH

Kit continues on next page

- * See pages 100-101 for Pulley Kit Components
- 1 Partial model eligibility
- 2 Included in both galvanized and stainless kits.
- 3 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.
- 4 Included in kits for manual trim aircraft only.
- 5 Included in kits for electric trim aircraft only.

Flight Control System Flight Control Cables - Cessna



Continued from previous page			
Qty	P/N	Galv	SS Location
6	MCS2294-25		Chain Connecting Link
<i>Available separately for aircraft with camera option</i>			
1	MC1260105-118 ²		Rudder Aft LH W/Cam.
U206G, TU206G 1982-1986			
S/N U20606440 thru U20607020			
Complete Cable Kit P/N CCKT206-13G (Galvanized)			
Complete Cable Kit P/N CCKT206-13S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-55*			
Qty	P/N	Galv	SS Location
1	MC1260505-317 or 417		Park Brake
1	MC1260417-6 or 7		Park Brake Cable & Tube
2	MC1260505-306 or 406		Elevator Control
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295-25-185		Chain Elev Trim Fwd Low
1	MCS2295-25-47		Chain Elev Trim Actuator
1	MC1260505-95 or 195		Elevator Trim Fwd LH
1	MC1260505-98 or 198		Elevator Trim Fwd RH
1	MC1260505-46 or 146		Elevator Trim Aft LH
1	MC1260505-99 or 199		Elevator Trim Aft RH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-10 or 110		Aileron Yoke Primary
2	MC1260505-320 or 420		Aileron Direct
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
1	MC1260505-54 or 154		Aileron Carry Thru RH
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-259 or 359		Flap Direct LH
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-203 or 303		Rudder Forward LH
1	MC0510105-204 or 304		Rudder Forward RH
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260505-319 or 419		Rudder Aft LH
6	MCS2294-25		Chain Connecting Link
<i>Available separately for aircraft with camera option</i>			
1	MC1260105-118 ²		Rudder Aft LH W/Cam.
206H, T206H 1998 & On			
S/N 20608001 and T20608001 & On			
Complete Cable Kit P/N CCKT206H-01G (Galvanized)			
Complete Cable Kit P/N CCKT206H-01S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-56*			
Qty	P/N	Galv	SS Location
1	MC1260505-97 ²		Park Brake
1	MC1260417-6 or 7		Park Brake Cable & Tube
2	MC1260505-306 or 406		Elevator Control
1	MC1260505-46 or 146		Elevator Trim Aft LH
1	MC1260505-95 or 195		Elevator Trim Fwd LH
1	MC1260505-98 or 198		Elevator Trim Fwd RH
1	MC1260505-99 or 199		Elevator Trim Aft RH
1	MC1260078-10 or 110		Aileron Yoke Primary
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260505-54 or 154		Aileron Carry Thru RH
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
2	MC1260505-320 or 420		Aileron Direct
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260505-319 or 419		Rudder Aft LH
1	MC0510105-203 or 303		Rudder Forward LH
1	MC0510105-204 or 304		Rudder Forward RH
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-259 or 359		Flap Direct LH
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-185		Chain Elev Trim Fwd Low
1	MCS2295P25-47		Chain Elev Trim Actuator
6	MCS2294-25		Chain Connecting Link
207, T207 1969			
S/N 20700001 thru 20700101			
Complete Cable Kit P/N CCKT207-01G (Galvanized)			
Complete Cable Kit P/N CCKT207-01S (Stainless Steel)			
Complete Cable Kit P/N CCKT207-01GE (Galv. Elec. Trim)			
Complete Cable Kit P/N CCKT207-01SE (SS Electric Trim)			
Complete Pulley Kit P/N PULL-KT-57*			
Qty	P/N	Galv	SS Location
1	MC1260505-1 or 101		Park Brake
1	MC1260417-1 or 2		Park Brake Cable & Tube
1	MC1260078-8 or 108		Aileron Yoke RH
1	MC1260078-7 or 107		Aileron Yoke LH
1	MC1260078-5 or 105		Aileron Yoke Primary
2	MC1260505-55 or 155		Aileron Direct Inboard
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
1	MC1260505-54 or 154		Aileron Carry Thru RH
1	MC1260505-78 or 178		Elevator Down
1	MC1260505-75 or 175		Elevator Up
1	MC1260505-129 ²		Elevator Down Fwd
1	MC1260505-130 ²		Elevator Up Fwd
1	MC1260505-303 or 403		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-185		Chain Elev Trim Fwd Low
1	MCS2295P25-47		Chain Elev Trim Actuator
6	MCS2294-25		Chain Connecting Link
1	MC1260505-94 or 194		Elev. Trim Forward LH ⁸
1	MC1260505-93 or 193		Elev. Trim Forward RH ⁸
1	MC1260505-46 or 146		Elevator Trim Aft LH ⁸
1	MC1260505-91 or 191		Elevator Trim Aft RH ⁸
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-259 or 359		Flap Direct LH
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-229 or 329		Rudder Forward LH
1	MC0510105-230 or 330		Rudder Forward RH
1	MC1260505-13 or 113		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260204-3 ²		Elec Trim LH ⁹
1	MC1260505-90 or 190		Elev Trim Forward RH ⁹
1	MC1260505-85 or 185		Elev Trim Forward LH ⁹
1	MC1260505-57 or 157		Elev Trim Aft RH ⁹
1	MC1260505-69 or 169		Elev Trim Aft LH ⁹
<i>Available separately for aircraft with camera option</i>			
1	MC1260505-83 or 183		Rudder RH W/Camera
1	MC1260505-84 or 184		Rudder LH W/Camera
1	MC1260505-89 or 189		Elevator Up W/Camera
1	MC1260505-88 or 188		Elevator Down W/Camera
1	MC1260505-79 or 179		Elevator Trim RH W/Cam.
1	MC1260505-80 or 180		Elevator Trim LH W/Cam.

Continued from previous column			
Qty	P/N	Galv	SS Location
1	MC1260505-78 or 178		Elevator Down Aft
1	MC1260505-75 or 175		Elevator Up Aft
1	MC1260505-129 ²		Elevator Down Fwd
1	MC1260505-130 ²		Elevator Up Fwd
1	MC1260505-303 or 403		Elevator Dwn Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295-25-43		Chain Elev Trim Actuator
1	MCS2295P25-185		Chain Elev Trim Fwd Low
6	MCS2294-25		Chain Connecting Link
1	MC1260505-77 or 177		Elev. Trim Forward LH ⁸
1	MC1260505-76 or 176		Elev. Trim Forward RH ⁸
1	MC1260505-46 or 146		Elevator Trim Aft LH ⁸
1	MC1260505-45 or 145		Elevator Trim Aft RH ⁸
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-259 or 359		Flap Direct LH
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-229 or 329		Rudder Forward LH
1	MC0510105-230 or 330		Rudder Forward RH
1	MC1260505-13 or 113		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260204-3 ²		Elec Elev Trim LH ⁹
1	MC1260505-90 or 190		Elev Elev Trim Fwd RH ⁹
1	MC1260505-85 or 185		Elev Elev Trim Fwd LH ⁹
1	MC1260505-57 or 157		Elev Trim Aft RH ⁹
1	MC1260505-69 or 169		Elev Trim Aft LH ⁹
<i>Available separately for aircraft with camera option</i>			
1	MC1260505-83 or 183		Rudder RH W/Camera
1	MC1260505-84 or 184		Rudder LH W/Camera
1	MC1260505-89 or 189		Elevator Up W/Camera
1	MC1260505-88 or 188		Elevator Down W/Camera
1	MC1260505-79 or 179		Elevator Trim RH W/Cam.
1	MC1260505-80 or 180		Elevator Trim LH W/Cam.
207, T207 1969			
S/N 20700102 thru 20700204			
Complete Cable Kit P/N CCKT207-02G (Galvanized)			
Complete Cable Kit P/N CCKT207-02S (Stainless Steel)			
Complete Cable Kit P/N CCKT207-02GE (Galv. Elec. Trim)			
Complete Cable Kit P/N CCKT207-02SE (SS Electric Trim)			
Complete Pulley Kit P/N PULL-KT-57*			
Qty	P/N	Galv	SS Location
1	MC1260505-1 or 101		Park Brake
1	MC1260417-1 or 2		Park Brake Cable & Tube
1	MC1260078-8 or 108		Aileron Yoke RH
1	MC1260078-7 or 107		Aileron Yoke LH
1	MC1260078-5 or 105		Aileron Yoke Primary
2	MC1260505-55 or 155		Aileron Direct Inboard
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
1	MC1260505-54 or 154		Aileron Carry Thru RH
1	MC1260505-78 or 178		Elevator Down
1	MC1260505-75 or 175		Elevator Up
1	MC1260505-129 ²		Elevator Down Fwd
1	MC1260505-130 ²		Elevator Up Fwd
1	MC1260505-303 or 403		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-185		Chain Elev Trim Fwd Low
1	MCS2295P25-47		Chain Elev Trim Actuator
6	MCS2294-25		Chain Connecting Link
1	MC1260505-94 or 194		Elev. Trim Forward LH ⁸
1	MC1260505-93 or 193		Elev. Trim Forward RH ⁸
1	MC1260505-46 or 146		Elevator Trim Aft LH ⁸
1	MC1260505-91 or 191		Elevator Trim Aft RH ⁸
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-259 or 359		Flap Direct LH
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-229 or 329		Rudder Forward LH
1	MC0510105-230 or 330		Rudder Forward RH
1	MC1260505-13 or 113		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260204-3 ²		Elec Trim LH ⁹
1	MC1260505-90 or 190		Elev Trim Forward RH ⁹
1	MC1260505-85 or 185		Elev Trim Forward LH ⁹
1	MC1260505-57 or 157		Elev Trim Aft RH ⁹
1	MC1260505-69 or 169		Elev Trim Aft LH ⁹
<i>Available separately for aircraft with camera option</i>			
1	MC1260505-83 or 183		Rudder RH W/Camera
1	MC1260505-84 or 184		Rudder LH W/Camera
1	MC1260505-89 or 189		Elevator Up W/Camera
1	MC1260505-88 or 188		Elevator Down W/Camera
1	MC1260505-79 or 179		Elevator Trim RH W/Cam.
1	MC1260505-80 or 180		Elevator Trim LH W/Cam.

207I, T207I 1969I-1972I			
S/N 20700205 thru 20700207			
Complete Cable Kit P/N CCKT207-03G (Galvanized)			
Complete Cable Kit P/N CCKT207-03S (Stainless Steel)			
Complete Cable Kit P/N CCKT207-03GE (Galv. Elec. Trim)			
Complete Cable Kit P/N CCKT207-03SE (SS Electric Trim)			
Complete Pulley Kit P/N PULL-KT-58*			
Qty	P/N	Galv	SS Location
1	MC1260505-97 or 197		Park Brake
1	MC1260417-1 or 2		Park Brake Cable & Tube
1	MC1260078-8 or 108		Aileron Yoke RH
1	MC1260078-7 or 107		Aileron Yoke LH
1	MC1260078-5 or 105		Aileron Yoke Primary
2	MC1260505-55 or 155		Aileron Direct Inboard
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
1	MC1260505-54 or 154		Aileron Carry Thru RH
1	MC1260505-78 or 178		Elevator Down Aft
1	MC1260505-75 or 175		Elevator Up Aft
1	MC1260505-129 ²		Elevator Down Fwd
1	MC1260505-130 ²		Elevator Up Fwd
1	MC1260505-303 or 403		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-185		Chain Elev Trim Fwd Low
1	MCS2295P25-47		Chain Elev Trim Actuator
6	MCS2294-25		Chain Connecting Link
1	MC1260505-94 or 194		Elev. Trim Forward LH ⁸
1	MC1260505-93 or 193		Elev. Trim Forward RH ⁸
1	MC1260505-46 or 146		Elevator Trim Aft LH ⁸
1	MC1260505-91 or 191		Elevator Trim Aft RH ⁸
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract
1	MC0510105-259 or 359		Flap Direct LH
1	MC0510105-92 or 192		Flap Direct RH
1	MC0510105-229 or 329		Rudder Forward LH
1	MC0510105-230 or 330		Rudder Forward RH
1	MC1260505-13 or 113		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
1	MC1260204-3 ²		Electric Trim LH ⁹
1	MC1260505-90 or 190		Elev. Trim Fwd RH ⁹
1	MC1260505-85 or 185		Elev. Trim Forward LH ⁹
1	MC1260505-57 or 157		Electric Trim Aft RH ⁹
1	MC1260505-69 or 169		Electric Trim Aft LH ⁹
Available separately for aircraft with camera option			
1	MC1260505-83 or 183		Rudder RH W/Camera
1	MC1260505-84 or 184		Rudder LH W/Camera
1	MC1260505-89 or 189		Elevator Up W/Camera
1	MC1260505-88 or 188		Elevator Down W/Camera
1	MC1260505-79 or 179		Elevator Trim RH W/Cam.
1	MC1260505-80 or 180		Elevator Trim LH W/Cam.

207I, T207I 1972I-1973			
S/N 20700208 thru 20700227			
Complete Cable Kit P/N CCKT207-04G (Galvanized)			
Complete Cable Kit P/N CCKT207-04S (Stainless Steel)			
Complete Cable Kit P/N CCKT207-04GE (Galv. Elec. Trim)			
Complete Cable Kit P/N CCKT207-04SE (SS Electric Trim)			
Complete Pulley Kit P/N PULL-KT-58*			
Qty	P/N	Galv	SS Location
1	MC1260505-97 or 197		Park Brake
1	MC1260417-6 or 7		Park Brake Cable & Tube
1	MC1260078-8 or 108		Aileron Yoke RH
1	MC1260078-7 or 107		Aileron Yoke LH
1	MC1260078-5 or 105		Aileron Yoke Primary
2	MC1260505-55 or 155		Aileron Direct Inboard
2	MC1260505-58 or 158		Aileron Direct Outboard
1	MC1260505-60 or 160		Aileron Carry Thru LH
1	MC1260505-54 or 154		Aileron Carry Thru RH
1	MC1260505-78 or 178		Elevator Down Aft
1	MC1260505-75 or 175		Elevator Up Aft
1	MC1260505-129 ²		Elevator Down Fwd
1	MC1260505-130 ²		Elevator Up Fwd
1	MC1260505-303 or 403		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-185		Chain Elev Trim Fwd Low
1	MCS2295P25-47		Chain Elev Trim Actuator
6	MCS2294-25		Chain Connecting Link
1	MC1260505-94 or 194		Elev. Trim Forward LH ⁸
1	MC1260505-93 or 193		Elev. Trim Forward RH ⁸
1	MC1260505-46 or 146		Elevator Trim Aft LH ⁸
1	MC1260505-91 or 191		Elevator Trim Aft RH ⁸
1	MC0510105-93 or 193 ⁶		Flap Retract
1	MC0510105-94 or 194 ⁶		Flap Retract

Kit continues on next page

* See pages 100-101 for Pulley Kit Components

1 Partial model eligibility

2 Included in both galvanized and stainless kits.

6 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.

8 Included in kits for manual trim aircraft only.

9 Included in kits for electric trim aircraft only.



Flight Control System Flight Control Cables - Cessna

McFarlane
FAA-PMA Approved

Continued from previous page

Qty	P/N	Galv	SS	Location
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
1	MC1260204-3 ²			Electric Trim LH ⁹
1	MC1260505-90 or 190			Elec. Trim Fwd RH ⁹
1	MC1260505-85 or 185			Elec. Trim Forward LH ⁹
1	MC1260505-57 or 157			Electric Trim Aft RH ⁹
1	MC1260505-69 or 169			Electric Trim Aft LH ⁹

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
1	MC1260505-84 or 184			Rudder LH W/Camera
1	MC1260505-89 or 189			Elevator Up W/Camera
1	MC1260505-88 or 188			Elevator Down W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

207, T207 1974

S/N 20700228 thru 20700267

Complete Cable Kit P/N CCKT207-05G (Galvanized)
Complete Cable Kit P/N CCKT207-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-59*

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
1	MC1260505-78 or 178			Elevator Down Aft
1	MC1260505-75 or 175			Elevator Up Aft
1	MC1260505-129 or 129			Elevator Down Fwd
1	MC1260505-130 or 130			Elevator Up Fwd
1	MC1260505-303 or 403			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-185			Chain Elev Trim Fwd Low
1	MCS2295P25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link
1	MC1260505-94 or 194			Elevator Trim Forward LH
1	MC1260505-93 or 193			Elevator Trim Forward RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-91 or 191			Elevator Trim Aft RH
1	MC0510105-93 or 193 ⁶			Flap Retract
1	MC0510105-94 or 194 ⁶			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
1	MC1260505-84 or 184			Rudder LH W/Camera
1	MC1260505-89 or 189			Elevator Up W/Camera
1	MC1260505-88 or 188			Elevator Down W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

207, 207A¹, T207, T207A¹ 1975-1980¹

S/N 20700268 thru 20700646

Complete Cable Kit P/N CCKT207-06G (Galvanized)
Complete Cable Kit P/N CCKT207-06S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-60* or -61* Note 1

Qty	P/N	Galv	SS	Location
1	MC1260505-97 or 197			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
2	MC1260505-307 or 407			Elevator
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-185			Chain Elev Trim Fwd Low
1	MCS2295P25-47			Chain Elev Trim Actuator
1	MC1260505-94 or 194			Elevator Trim Forward LH
1	MC1260505-93 or 193			Elevator Trim Forward RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-91 or 191			Elevator Trim Aft RH
1	MC0510105-93 or 193 ⁶			Flap Retract
1	MC0510105-94 or 194 ⁶			Flap Retract

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
1	MC1260505-84 or 184			Rudder LH W/Camera
2	MC1260505-310 or 410			Elevator W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

Note 1 S/N 20700268 thru 20700390 USE PULL-KT-60
S/N 20700391 thru 20700646 USE PULL-KT-61

207A¹, T207A 1980-1981¹

S/N 20700647 thru 20600672

Complete Cable Kit P/N CCKT207-07G (Galvanized)
Complete Cable Kit P/N CCKT207-07S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-61*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
2	MC1260505-307 or 407			Elevator
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-185			Chain Elev Trim Fwd Low
1	MCS2295P25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link
1	MC1260505-94 or 194			Elevator Trim Forward LH
1	MC1260505-93 or 193			Elevator Trim Forward RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-91 or 191			Elevator Trim Aft RH
1	MC0510105-93 or 193 ⁶			Flap Retract
1	MC0510105-94 or 194 ⁶			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
1	MC1260505-84 or 184			Rudder LH W/Camera
2	MC1260505-310 or 410			Elevator W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

207A¹, T207A 1981¹

S/N 20700673 thru 20700729

Complete Cable Kit P/N CCKT207-08G (Galvanized)
Complete Cable Kit P/N CCKT207-08S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-61*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Primary
2	MC1260505-55 or 155			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
2	MC1260505-307 or 407			Elevator
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-185			Chain Elev Trim Fwd Low
1	MCS2295P25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link
1	MC1260505-94 or 194			Elevator Trim Forward LH
1	MC1260505-93 or 193			Elevator Trim Forward RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-91 or 191			Elevator Trim Aft RH
1	MC0510105-93 or 193 ⁶			Flap Retract
1	MC0510105-94 or 194 ⁶			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-319 or 419			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
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Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC1260505-84 or 184			Rudder LH W/Camera
2	MC1260505-310 or 410			Elevator W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

207A¹, T207A 1982-1984
S/N 20700730 thru 20700788
Complete Cable Kit P/N CCKT207-09G (Galvanized)
Complete Cable Kit P/N CCKT207-09S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-61*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260417-6 or 7			Park Brake Cable & Tube
1	MC1260078-12 or 112			Aileron Yoke RH
1	MC1260078-11 or 111			Aileron Yoke LH
1	MC1260078-10 or 110			Aileron Yoke Primary
2	MC1260505-320 or 420			Aileron Direct Inboard
2	MC1260505-58 or 158			Aileron Direct Outboard
1	MC1260505-60 or 160			Aileron Carry Thru LH
1	MC1260505-54 or 154			Aileron Carry Thru RH
2	MC1260505-307 or 407			Elevator
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-185			Chain Elev Trim Fwd Low
1	MCS2295P25-47			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link
1	MC1260505-94 or 194			Elevator Trim Forward LH
1	MC1260505-93 or 193			Elevator Trim Forward RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MC1260505-91 or 191			Elevator Trim Aft RH
1	MC0510105-93 or 193 ⁶			Flap Retract
1	MC0510105-94 or 194 ⁶			Flap Retract
1	MC0510105-259 or 359			Flap Direct LH
1	MC0510105-92 or 192			Flap Direct RH
1	MC0510105-229 or 329			Rudder Forward LH
1	MC0510105-230 or 330			Rudder Forward RH
1	MC1260505-319 or 419			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH

Available separately for aircraft with camera option

1	MC1260505-83 or 183			Rudder RH W/Camera
1	MC1260505-84 or 184			Rudder LH W/Camera
2	MC1260505-310 or 410			Elevator W/Camera
1	MC1260505-79 or 179			Elevator Trim RH W/Cam.
1	MC1260505-80 or 180			Elevator Trim LH W/Cam.

* See pages 100-101 for Pulley Kit Components
¹ Partial model eligibility
² Included in both galvanized and stainless kits.
⁶ Due to inconsistency in OEM parts these flap cables should be replaced at the same time.
⁹ Included in kits for electric trim aircraft only.

Flight Control System

Flight Control Cables - Cessna



208		
S/N 20800001 thru 20899999		
Qty	P/N	Location
1	MC2660001-100	Elevator
1	MC2660001-101	Elevator
1	MC2660001-102	Elevator
1	MC2660001-103	Elevator
1	MC2660001-104	Rudder
1	MC2660001-106	Rudder
1	MC2660001-107	Rudder
1	MC2660001-108	Rudder
1	MC2660001-109	Elevator Trim
1	MC2660001-110	Elevator Trim
1	MC2660001-112	Elevator Trim
2	MC2660001-114	Aileron
1	MC2660001-118	Aileron LH
1	MC2660001-119	Aileron RH
4	MC2660001-122	Aileron
1	MC2660001-123	Control Column Intercnt
1	MC2660001-124	Control Column Intercnt
1	MC2660001-125	Control Column Intercnt
1	MC2660001-126	Control Column Intercnt
1	MC2660001-155	Elevator Trim
1	MC2660001-156	Elevator Trim
2	MC2660001-157	Aileron
1	MC2660029-13 Note 1	Aileron Trim
1	MC2660029-15 Note 1	Aileron Trim
2	MC2660029-4	Aileron Trim
1	MC9864054-9	Flap Indicator
1	MCS2295-25-101	Chain Elevator Trim Note 2
1	MCS2295-25-107	Chain Pitch Trim Servo Note 3
1	MCS2295-25-247	Chain Elevator Trim
1	MCS2295-25-35	Chain Aileron Trim
1	MCS2295-25-434	Chain Aileron Trim
2	MCS2295-25-87	Chain Elevator Trim
24	MCS2294-25	Chain Connecting Link

Note 1: S/N 20800082 thru 20899999
 Note 2: When equipped with electric trim
 Note 3: S/N 20800500 thru 20899999
 Note 4: When equipped with pitch trim servo

208B		
S/N 208B0001 thru 208B9999		
Qty	P/N	Location
1	MC2660001-100	Elevator
1	MC2660001-102	Elevator
1	MC2660001-104 Note 1	Rudder
2	MC2660001-105	Flaps
1	MC2660001-107	Rudder
1	MC2660001-109	Elevator Trim
1	MC2660001-110	Elevator Trim
1	MC2660001-112	Elevator Trim
2	MC2660001-114	Aileron
4	MC2660001-122	Aileron
1	MC2660001-123	Control Column Intercnt
1	MC2660001-124	Control Column Intercnt
1	MC2660001-125	Control Column Intercnt
1	MC2660001-126	Control Column Intercnt
1	MC2660001-147	Elevator
1	MC2660001-148	Rudder
1	MC2660001-149	Elevator Trim
1	MC2660001-150	Elevator Trim
1	MC2660001-151	Aileron
1	MC2660001-152	Aileron
1	MC2660001-153	Elevator
1	MC2660001-154	Rudder
2	MC2660001-157	Aileron
2	MC2660029-11	Aileron Trim
1	MC2660029-13	Aileron Trim
1	MC2660029-15	Aileron Trim
1	MC9864054-7	Flap Indicator
1	MCS2295-25-101	Chain Elevator Trim Note 2
1	MCS2295-25-107	Chain Pitch Trim Servo Note 3
1	MCS2295-25-247	Chain Elevator Trim
1	MCS2295-25-35	Chain Aileron Trim
1	MCS2295-25-43	Chain Aileron Trim
2	MCS2295-25-87	Chain Elevator Trim
24	MCS2294-25	Chain Connecting Link

Note 1: S/N 208B0001 thru 208B2012, 208B2036 and 208B2048 thru 208B9999
 Note 2: When equipped with electric trim
 Note 3: S/N 208B2000 thru 20899999
 Note 4: When equipped with pitch trim servo

210, 210A 1960-1961			
S/N 57001 thru 21057840			
Complete Cable Kit P/N CCKT210-01G (Galvanized)			
Complete Cable Kit P/N CCKT210-01S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-62*			
Qty	P/N	Galv	SS
1	MC1260105-13 or 113		
4	MC1260105-12		
2	MC1260105-3 or 103		
1	MC0510105-13 or 113		
1	MC1260105-5 or 105		
1	MC1260105-6 or 106		
1	MC1260105-12 or 112		
1	MC1260105-4 or 104		
1	MC1260105-14 or 114		
1	MC1260105-15 or 115		
1	MC1260105-16 or 116		
1	MCS2295P25-321		
1	MCS2295P25-113		
4	MCS2294-25		
2	MC1260105-10 or 110		
2	MC1260105-11 or 111		
1	MC1260105-8 or 108		
1	MC1260105-9 or 109		
1	MC1260105-17 or 117		
1	MC1260105-7 or 107		
4	MC0422280		

Location
 Park Brake
 Aileron Control Tee
 Aileron Direct
 Aileron Carry Thru
 Elevator Up
 Elevator Down
 Elevator Down Spring
 Elevator Trim Forward LH
 Elevator Trim Aft LH
 Elevator Trim Forward RH
 Elevator Trim Aft RH
 Chain Elevator Trim Fwd
 Chain Elevator Trim Aft
 Chain Connecting Link
 Flap
 Flap
 Rudder RH Fwd
 Rudder Aft LH
 Rudder Aft RH
 Rudder LH Fwd
 Bellcrank Aileron Bushing

210B 1962			
S/N 21057841 thru 21058085			
Complete Cable Kit P/N CCKT210-01G (Galvanized)			
Complete Cable Kit P/N CCKT210-02S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-63*			
Qty	P/N	Galv	SS
1	MC1260505-12		
1	MC1260417-1 or 2		
2	MC1260505-3 or 103		
1	MC0510105-13 or 113		
1	MC1260105-9 or 109		
1	MC1260505-10 or 110		
1	MC1260505-2 or 102		
1	MCS2295A25-111		
1	MCS2295P25-155		
1	MC1260505-5 or 105		
1	MC1260505-6 or 106		
1	MC1260505-7 or 107		
1	MC1260505-8 or 108		
1	MCS2295P25-113		
6	MCS2294-25		
2	MC1260505-14 or 114		
2	MC1260505-4 or 104		
1	MC1260505-15 or 115		
1	MC1260505-11 or 111		
1	MC1260505-13 or 113		
1	MC1260505-12 or 112		
4	MC0422280		

Location
 Park Brake
 Park Brake Cable & Tube
 Aileron Direct
 Aileron Carry Thru
 Elevator Down
 Elevator Up
 Elevator Down Spring
 Chain Elev Trim Fwd Low
 Chain Elev Trim Fwd Up
 Elevator Trim Forward RH
 Elevator Trim Forward LH
 Elevator Trim Aft RH
 Elevator Trim Aft LH
 Chain Elev Trim Actuator
 Chain Connecting Link
 Flap
 Flap
 Rudder Forward LH
 Rudder Forward RH
 Rudder Aft LH
 Rudder Aft RH
 Bellcrank Aileron Bushing

210C 1963			
S/N 21058086 thru 21058220			
Complete Cable Kit P/N CCKT210-03G (Galvanized)			
Complete Cable Kit P/N CCKT210-03S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-63*			
Qty	P/N	Galv	SS
1	MC1260505-12		
1	MC1260417-1 or 2		
2	MC1260505-3 or 103		
1	MC0510105-13 or 113		
1	MC1260105-9 or 109		
1	MC1260505-10 or 110		
1	MC1260505-2 or 102		
1	MCS2295A25-111		
1	MCS2295P25-155		
1	MC1260505-22 or 122		
1	MC1260505-6 or 106		
1	MC1260505-20 or 120		
1	MC1260505-8 or 108		
1	MCS2295P25-113		
2	MC1260505-14 or 114		
2	MC1260505-4 or 104		
1	MC1260505-15 or 115		
1	MC1260505-11 or 111		
1	MC1260505-13 or 113		
1	MC1260505-12 or 112		
6	MCS2294-25		
4	MC0422280		

Location
 Park Brake
 Park Brake Cable & Tube
 Aileron Direct
 Aileron Carry Thru
 Elevator Down
 Elevator Up
 Elevator Down Spring
 Chain Elev Trim Fwd Low
 Chain Elev Trim Fwd Up
 Elevator Trim Forward RH
 Elevator Trim Forward LH
 Elevator Trim Aft RH
 Elevator Trim Aft LH
 Chain Elev Trim Actuator
 Flap
 Flap
 Rudder Forward LH
 Rudder Forward RH
 Rudder Aft LH
 Rudder Aft RH
 Bellcrank Aileron Bushing

210D,E,F, 210F 1964-1966			
S/N 21058221 thru 21058818,			
T210-0001 thru T210-0197			
Complete Cable Kit P/N CCKT210-04G (Galvanized)			
Complete Cable Kit P/N CCKT210-04S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-64*			
Qty	P/N	Galv	SS
1	MC1260505-12		
1	MC1260417-1 or 2		
2	MC1260505-25 or 125		
2	MC1260505-26 or 126		
1	MC1260505-23 or 123		
1	MC1260505-27 or 127		
1	MC1260505-32 or 132		
1	MC1260505-33 or 133		
1	MC1260505-31 or 131		
1	MCS2295A25-111		
1	MCS2295P25-155		
1	MC1260505-22 or 122		
1	MC1260505-6 or 106		
1	MC1260505-20 or 120		
1	MC1260505-8 or 108		
1	MCS2295P25-113		
1	MC0510105-93 or 193		
1	MC0510105-94 or 194		
1	MC0510105-91 or 191		
1	MC0510105-92 or 192		
1	MC1260505-15 or 115		
1	MC1260505-11 or 111		
1	MC1260505-13 or 113		
1	MC1260505-12 or 112		
6	MCS2294-25		

Location
 Park Brake
 Park Brake Cable & Tube
 Aileron Direct Inboard
 Aileron Direct Outboard
 Aileron Carry Thru LH
 Aileron Carry Thru RH
 Elevator Down
 Elevator Up
 Elevator Down Spring
 Chain Elev Trim Fwd Low
 Chain Elev Trim Fwd Up
 Elevator Trim Forward RH
 Elevator Trim Forward LH
 Elevator Trim Aft RH
 Elevator Trim Aft LH
 Chain Elev Trim Actuator
 Flap Retract
 Flap Retract
 Flap Direct LH
 Flap Direct RH
 Rudder Forward LH
 Rudder Forward RH
 Rudder Aft LH
 Rudder Aft RH
 Chain Connecting Link

210G, 210G 1967			
S/N 21058819 thru 21058829,			
T210-0198 thru T210-0240			
Complete Cable Kit P/N CCKT210-05G (Galvanized)			
Complete Cable Kit P/N CCKT210-05S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-65*			
Qty	P/N	Galv	SS
1	MC1260505-1 or 101		
1	MC1260417-1 or 2		
1	MC1260078-3 or 103		
1	MC1260078-2 or 102		
1	MC120905-3		
2	MC1260078-4 or 104		
2	MC1260505-40 or 140		
1	MC1260505-38 or 138		
1	MC1260505-39 or 139		
1	MC1260505-32 or 132		
1	MC1260505-33 or 133		
1	MCS2295A25-111		
1	MCS2295P25-159		
1	MC1260505-22 or 122		
1	MC1260505-35 or 135		
1	MC1260505-45 or 145		
1	MC1260505-46 or 146		
1	MCS2295-25-43		
1	MC1260505-49 or 149		
1	MC1260505-51 or 151		
2	MC1260505-47 or 147		
2	MC1260505-48 or 148		
1	MC1260505-50 or 150		
1	MC1260505-52 or 152		
1	MC1260505-15 or 115		
1	MC1260505-11 or 111		
1	MC1260505-13 or 113		
1	MC1260505-12 or 112		
6	MCS2294-25		

Location
 Park Brake
 Park Brake Cable & Tube
 Aileron Yoke RH
 Aileron Yoke LH
 Aileron Yoke Carry Thru
 Aileron Direct
 Aileron Direct
 Aileron Return LH
 Aileron Return RH
 Elevator Down
 Elevator Up
 Chain Elev Trim Fwd Low
 Chain Elev Trim Fwd Up
 Elevator Trim Forward RH
 Elevator Trim Forward LH
 Elevator Trim Aft RH
 Elevator Trim Aft LH
 Chain Elev Trim Actuator
 Flap Dn LH Act to Trnbkl
 Flap Dn RH Act to Trnbkl
 Flap Dn LH/RH Bell/Tnbkl
 Flap Up LH/RH Bell/Tnbkl
 Flap Up LH Trnbkl to Act
 Flap Up RH Trnbkl to Act
 Rudder Forward LH
 Rudder Forward RH
 Rudder Aft LH
 Rudder Aft RH
 Chain Connecting Link

210G, 210G 1967			
S/N 21058830 thru 21058936,			
T210-0241 thru T210-0307			
Complete Cable Kit P/N CCKT210-06G (Galvanized)			
Complete Cable Kit P/N CCKT210-06S (Stainless Steel)			
Complete Pulley Kit P/N PULL-KT-65*			
Qty	P/N	Galv	SS
1	MC1260505-1 or 101		
1	MC1260417-1 or 2		
1	MC1260078-8 or 108		
1	MC1260078-7 or 107		
1	MC1260078-5 or 105		
2	MC1260078-9 or 109		
2	MC1260505-40 or 140		
1	MC1260505-38 or 138		

Location
 Park Brake
 Park Brake Cable & Tube
 Aileron Yoke RH
 Aileron Yoke LH
 Aileron Yoke Carry Thru
 Aileron Direct Yoke
 Aileron Direct Bellcrank
 Aileron Return LH

Kit continues on next page

* See pages 100-101 for Pulley Kit Components
 1 Partial model eligibility
 2 Included in both galvanized and stainless kits.
 3 Due to inconsistency in OEM parts these flap cables should be replaced at the same time.



Flight Control System Flight Control Cables - Cessna



Continued from previous page

Qty	P/N	Galv	SS	Location
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260505-32 or 132			Elevator Down
1	MC1260505-33 or 133			Elevator Up
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260505-22 or 122			Elevator Trim Forward RH
1	MC1260505-35 or 135			Elevator Trim Forward LH
1	MC1260505-45 or 145			Elevator Trim Aft RH
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MCS2295-25-43			Chain Elev Trim Actuator
1	MC1260505-49 or 149			Flap Dn LH Act to Trnbkl
1	MC1260505-51 or 151			Flap Dn RH Act to Trnbkl
2	MC1260505-47 or 147			Flap Dn LH/RH Bell/Tnbkl
2	MC1260505-48 or 148			Flap Up LH/RH Bell/Tnbkl
1	MC1260505-50 or 150			Flap Up LH Trnbkl to Act
1	MC1260505-52 or 152			Flap Up RH Trnbkl to Act
1	MC1260505-15 or 115			Rudder Forward LH
1	MC1260505-11 or 111			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

210H□, T210H□ 1968□
Serial 21058937 thru 21059030,
T210-0308 thru T210-0378
Complete Cable Kit P/N CCKT210-07G (Galvanized)
Complete Cable Kit P/N CCKT210-07S (Stainless Steel)
Complete Cable Kit P/N CCKT210-07GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT210-07SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-66*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260078-9 or 109			Aileron Direct Yoke
2	MC1260505-40 or 140			Aileron Direct Bellcrank
1	MC1260505-38 or 138			Aileron Return LH
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260505-32 or 132			Elevator Down
1	MC1260505-33 or 133			Elevator Up
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260505-22 or 122			Elev. Trim Forward RH ⁸
1	MC1260505-35 or 135			Elev. Trim Forward LH ⁸
1	MC1260505-45 or 145			Elevator Trim Aft RH ⁸
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MCS2295-25-43			Chain Elev Trim Actuator
1	MC1260505-56 or 156			Elevator Aft RH ⁹
1	MC1260505-62 or 162			Elec Trim Forward RH ⁹
1	MC1260505-61 or 161			Elec Trim Forward LH ⁹
1	MC1260505-167 ²			Elec Trim Cen. LH SS ⁹
1	MC1260505-49 or 149			Flap Dn LH Act to Trnbkl
1	MC1260505-51 or 151			Flap Dn RH Act to Trnbkl
2	MC1260505-47 or 147			Flap Dn LH/RH Bell/Tnbkl
2	MC1260505-48 or 148			Flap Up Bellcrk to Trnbkl
1	MC1260505-50 or 150			Flap Up LH Trnbkl to Act
1	MC1260505-52 or 152			Flap Up RH Trnbkl to Act
1	MC1260505-15 or 115			Rudder Forward LH
1	MC1260505-11 or 111			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

210H□, T210H□ 1968□
S/N 21059031 thru 21059061,
T210-0379 thru T210-0392
Complete Cable Kit P/N CCKT210-08G (Galvanized)
Complete Cable Kit P/N CCKT210-08S (Stainless Steel)
Complete Cable Kit P/N CCKT210-08GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT210-08SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-67*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260078-9 or 109			Aileron Direct Yoke
2	MC1260505-40 or 140			Aileron Direct Bellcrank
1	MC1260505-38 or 138			Aileron Return LH
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260505-32 or 132			Elevator Down
1	MC1260505-33 or 133			Elevator Up
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260505-22 or 122			Elev. Trim Forward RH ⁸

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC1260505-35 or 135			Elev. Trim Forward LH ⁸
1	MC1260505-45 or 145			Elevator Trim Aft RH ⁸
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MCS2295-25-43			Chain Elev Trim Actuator
1	MC1260505-56 or 156			Elevator Aft RH ⁹
1	MC1260505-62 or 162			Elec Trim Forward RH ⁹
1	MC1260505-61 or 161			Elec Trim Forward LH ⁹
1	MC1260505-167 ²			Elec Trim Cen. LH SS ⁹
1	MC1260505-73 or 173			Flp Down LH Trnbkl to Act
1	MC1260505-71 or 171			Flp Down RH Trnbkl to Act
2	MC1260505-48 or 148			Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147			Flap Down LH/RH Bellcrank to Turnbuckle
1	MC1260505-70 or 170			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260505-15 or 115			Rudder Forward LH
1	MC1260505-11 or 111			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

210J□, T210J□ 1969□
S/N 21059062 thru 21059100,
T210-0393 thru T210-0407
Complete Cable Kit P/N CCKT210-09G (Galvanized)
Complete Cable Kit P/N CCKT210-09S (Stainless Steel)
Complete Cable Kit P/N CCKT210-09GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT210-09SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-68*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260208-1 ²			Aileron/Rudder Int Lower
2	MC1260505-174 ²			Aileron/Rudder Int Upper
1	MC1260505-187 ²			Ail/Rud Int Up with Tube
2	MC1260078-9 or 109			Aileron Direct Yoke
2	MC1260505-40 or 140			Aileron Direct Bellcrank
1	MC1260505-38 or 138			Aileron Return LH
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260505-32 or 132			Elevator Down
1	MC1260505-33 or 133			Elevator Up
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260505-22 or 122			Elev. Trim Forward RH ⁸
1	MC1260505-35 or 135			Elev. Trim Forward LH ⁸
1	MC1260505-45 or 145			Elevator Trim Aft RH ⁸
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MCS2295-25-43			Chain Elev Trim Actuator
1	MC1260505-56 or 156			Elevator Aft RH ⁹
1	MC1260505-62 or 162			Elec Trim Forward RH ⁹
1	MC1260505-61 or 161			Elec Trim Forward LH ⁹
1	MC1260505-167 ²			Elec Trim Cen. LH SS ⁹
1	MC1260505-73 or 173			Flap Dn LH Trnbkl to Act
1	MC1260505-71 or 171			Flap Dn RH Trnbkl to Act
2	MC1260505-48 or 148			Flp Up Bellcrank to Trnbkl
2	MC1260505-47 or 147			Flap Down LH/RH Bellcrank to Turnbuckle
1	MC1260505-70 or 170			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260505-15 or 115			Rudder Forward LH
1	MC1260505-11 or 111			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

210J□, T210J□ 1969□
S/N 21059101 thru 21059199,
T210-0408 thru T210-0454
Complete Cable Kit P/N CCKT210-10G (Galvanized)
Complete Cable Kit P/N CCKT210-10S (Stainless Steel)
Complete Cable Kit P/N CCKT210-10GE (Galv. Elec. Trim)
Complete Cable Kit P/N CCKT210-10SE (SS Electric Trim)
Complete Pulley Kit P/N PULL-KT-68*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260208-1 ²			Aileron/Rudder Int Lower
2	MC1260505-174 ²			Aileron/Rudder Int Upper
1	MC1260505-187 ²			Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109			Aileron Direct Yoke
2	MC1260505-40 or 140			Aileron Direct Bellcrank
1	MC1260505-38 or 138			Aileron Return LH

Kit continues in next column

Continued from previous column

Qty	P/N	Galv	SS	Location
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260505-32 or 132			Elevator Down
1	MC1260505-33 or 133			Elevator Up
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260505-22 or 122			Elev. Trim Forward RH ⁸
1	MC1260505-35 or 135			Elev. Trim Forward LH ⁸
1	MC1260505-45 or 145			Elevator Trim Aft RH ⁸
1	MC1260505-46 or 146			Elevator Trim Aft LH
1	MCS2295-25-43			Chain Elev Trim Actuator
1	MC1260505-56 or 156			Elevator Aft RH ⁹
1	MC1260505-62 or 162			Elec Trim Forward RH ⁹
1	MC1260505-61 or 161			Elec Trim Forward LH ⁹
1	MC1260204-1 ²			Elev. Trim Cen. LH SS ⁹
1	MC1260505-73 or 173			Flap Dn LH Trnbkl to Act
1	MC1260505-71 or 171			Flap Dn RH Trnbkl to Act
2	MC1260505-48 or 148			Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147			Flap Down LH/RH Bellcrank to Turnbuckle
1	MC1260505-70 or 170			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260505-15 or 115			Rudder Forward LH
1	MC1260505-11 or 111			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

210K□, T210K□ 1970□
S/N 21059200 thru 21059323
Complete Cable Kit P/N CCKT210-11G (Galvanized)
Complete Cable Kit P/N CCKT210-11S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-69*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260208-1 ²			Aileron/Rudder Int Lower
2	MC1260505-174 ²			Aileron/Rudder Int Upper
1	MC1260505-187 ²			Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109			Aileron Direct Yoke
2	MC1260505-40 or 140			Aileron Direct Bellcrank
1	MC1260505-38 or 138			Aileron Return LH
1	MC1260505-39 or 139			Aileron Return RH
1	MC1260475-7 or 107			Elevator Up
1	MC1260475-8 or 108			Elevator Down
1	MC1260505-96 or 196			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260475-1 or 101			Elevator Trim Forward LH
1	MC1260475-2 or 102			Elevator Trim Forward RH
1	MC1260475-9 or 109			Elevator Trim Aft LH
1	MC1260475-10 or 110			Elevator Trim Aft RH
1	MC1260660-3 ²			Elevator Trim Elec Drive
1	MC1260505-73 or 173			Flp Dn LH Trnbkl to Act
1	MC1260505-71 or 171			Flp Dn RH Trnbkl to Act
2	MC1260505-48 or 148			Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147			Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105			Rudder Forward LH
1	MC1260475-6 or 106			Rudder Forward RH
1	MC1260505-13 or 113			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
1	MCS2295P25-55			Chain Elev Trim Actuator
6	MCS2294-25			Chain Connecting Link

210K□, T210K□ 1970□-1971□
S/N 21059324 thru 21059465
Complete Cable Kit P/N CCKT210-12G (Galvanized)
Complete Cable Kit P/N CCKT210-12S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-69*

Qty	P/N	Galv	SS	Location
1	MC1260505-1 or 101			Park Brake
1	MC1260417-1 or 2			Park Brake Cable & Tube
1	MC1260078-8 or 108			Aileron Yoke RH
1	MC1260078-7 or 107			Aileron Yoke LH
1	MC1260078-5 or 105			Aileron Yoke Carry Thru
2	MC1260208-1 ²			Aileron/Rudder Int Lower

Flight Control System Flight Control Cables - Cessna



Continued from previous page		
Qty	P/N	Location
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-38 or 138	Aileron Return LH
1	MC1260505-39 or 139	Aileron Return RH
1	MC1260475-7 or 107	Elevator Up
1	MC1260475-8 or 108	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260660-3	Elevator Trim Elec Drive
1	MC1260505-73 or 173	Flp Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210K, L, T210K, L 1971-1972
S/N 21059466 thru 21059555
Complete Cable Kit P/N CCKT210-13G (Galvanized)
Complete Cable Kit P/N CCKT210-13S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-69*

Qty	P/N	Location
1	MC1260505-97 or 197	Park Brake
1	MC1260417-1 or 2	Park Brake Cable & Tube
1	MC1260078-8 or 108	Aileron Yoke RH
1	MC1260078-7 or 107	Aileron Yoke LH
1	MC1260078-5 or 105	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-38 or 138	Aileron Return LH
1	MC1260505-39 or 139	Aileron Return RH
1	MC1260475-7 or 107	Elevator Up
1	MC1260475-8 or 108	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260660-3	Elevator Trim Elec Drive
1	MC1260505-73 or 173	Flp Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210L, T210L 1972-1973
S/N 21059556 thru 21060089
Complete Cable Kit P/N CCKT210-14G (Galvanized)
Complete Cable Kit P/N CCKT210-14S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-69*

Qty	P/N	Location
1	MC1260505-97 or 197	Park Brake
1	MC1260417-6 or 7	Park Brake Cable & Tube
1	MC1260078-8 or 108	Aileron Yoke RH
1	MC1260078-7 or 107	Aileron Yoke LH
1	MC1260078-5 or 105	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-38 or 138	Aileron Return LH
1	MC1260505-39 or 139	Aileron Return RH

Kit continues in next column

Continued from previous column		
Qty	P/N	Location
1	MC1260475-7 or 107	Elevator Up
1	MC1260475-8 or 108	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260660-3	Elevator Trim Elec Drive
1	MC1260505-73 or 173	Flp Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210L, M, T210L, M 1974-1977
S/N 21060090 thru 21062273
Complete Cable Kit P/N CCKT210-15G (Galvanized)
Complete Cable Kit P/N CCKT210-15S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-71*

Qty	P/N	Location
1	MC1260505-97 or 197	Park Brake
1	MC1260417-6 or 7	Park Brake Cable & Tube
1	MC1260078-8 or 108	Aileron Yoke RH
1	MC1260078-7 or 107	Aileron Yoke LH
1	MC1260078-5 or 105	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-9 or 109	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-38 or 138	Aileron Return LH
1	MC1260505-39 or 139	Aileron Return RH
1	MC1260475-7 or 107	Elevator Up
1	MC1260475-8 or 108	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260660-3	Elevator Trim Elec Drive
1	MC1260505-73 or 173	Flp Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210M, N, T210, M, N 1978-1980
S/N 21062274 thru 21064084
Complete Cable Kit P/N CCKT210-16G (Galvanized)
Complete Cable Kit P/N CCKT210-16S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-71*

Qty	P/N	Location
1	MC1260505-97 or 197	Park Brake
1	MC1260417-6 or 7	Park Brake Cable & Tube
1	MC1260078-11 or 111	Aileron Yoke LH
1	MC1260078-12 or 112	Aileron Yoke RH
1	MC1260078-10 or 110	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-314 or 414	Aileron Return LH
1	MC1260505-315 or 415	Aileron Return RH
1	MC1260475-12 or 112	Elevator Up
1	MC1260475-13 or 113	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low

Kit continues in next column

Continued from previous column		
Qty	P/N	Location
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260505-73 or 173	Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dwn LH/RH Bellcrank to Turnbuckle
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210N, T210N 1980
S/N 21064085 thru 21064135
Complete Cable Kit P/N CCKT210-17G (Galvanized)
Complete Cable Kit P/N CCKT210-17S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-71*

Qty	P/N	Location
1	MC1260417-6 or 7	Park Brake Cable & Tube
1	MC1260505-317 or 417	Park Brake
1	MC1260078-11 or 111	Aileron Yoke LH
1	MC1260078-12 or 112	Aileron Yoke RH
1	MC1260078-10 or 110	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-314 or 414	Aileron Return LH
1	MC1260505-315 or 415	Aileron Return RH
1	MC1260475-12 or 112	Elevator Up
1	MC1260475-13 or 113	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MC1260475-9 or 109	Elevator Trim Aft LH
1	MC1260475-10 or 110	Elevator Trim Aft RH
1	MC1260505-73 or 173	Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171	Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148	Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147	Flap Dn Bellcrk to Trnbkl
1	MC1260505-70 or 170	Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172	Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105	Rudder Forward LH
1	MC1260475-6 or 106	Rudder Forward RH
1	MC1260505-13 or 113	Rudder Aft LH
1	MC1260505-12 or 112	Rudder Aft RH
1	MCS2295P25-55	Chain Elev Trim Actuator
6	MCS2294-25	Chain Connecting Link

210N, T210N 1981
S/N 21064136 thru 21064185
Complete Cable Kit P/N CCKT210-18G (Galvanized)
Complete Cable Kit P/N CCKT210-18S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-77*

Qty	P/N	Location
1	MC1260417-6 or 7	Park Brake Cable & Tube
1	MC1260505-317 or 417	Park Brake
1	MC1260078-11 or 111	Aileron Yoke LH
1	MC1260078-12 or 112	Aileron Yoke RH
1	MC1260078-10 or 110	Aileron Yoke Carry Thru
2	MC1260208-1	Aileron/Rudder Int Lower
1	MC1260505-174	Aileron/Rudder Int Upper
1	MC1260505-187	Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113	Aileron Direct Yoke
2	MC1260505-40 or 140	Aileron Direct Bellcrank
1	MC1260505-314 or 414	Aileron Return LH
1	MC1260505-315 or 415	Aileron Return RH
1	MC1260475-12 or 112	Elevator Up
1	MC1260475-13 or 113	Elevator Down
1	MC1260505-96 or 196	Elevator Down Spring
1	MCS2295A25-111	Chain Elev Trim Fwd Up
1	MCS2295P25-159	Chain Elev Trim Fwd Low
1	MC1260475-1 or 101	Elevator Trim Forward LH
1	MC1260475-2 or 102	Elevator Trim Forward RH
1	MCS2295P25-55	Chain Elev Trim Actuator

Kit continues on next page

* See pages 100-101 for Pulley Kit Components
Partial model eligibility
Included in both galvanized and stainless kits.



Flight Control System

Flight Control Cables - Cessna



Continued from previous page			
Qty	P/N	Galv SS	Location
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172		Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105		Rudder Forward LH
1	MC1260475-6 or 106		Rudder Forward RH
1	MC1260505-13 or 113		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

210N□, T210N□ 1981□-1982
S/N 21064186 thru 21064772
Complete Cable Kit P/N CCKT210-19G (Galvanized)
Complete Cable Kit P/N CCKT210-19S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-77*

Qty	P/N	Galv SS	Location
1	MC1260417-6 or 7		Park Brake Cable & Tube
1	MC1260505-317 or 417		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260208-12		Aileron/Rudder Int Lower
1	MC1260505-1742		Aileron/Rudder Int Upper
1	MC1260505-1872		Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113		Aileron Direct Yoke
2	MC1260505-40 or 140		Aileron Direct Bellcrank
1	MC1260505-314 or 414		Aileron Return LH
1	MC1260505-315 or 415		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MC1260505-96 or 196		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Forward LH
1	MC1260475-2 or 102		Elevator Trim Forward RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260475-5 or 105		Flap Up RH Trnbkl to Act
1	MC1260475-6 or 106		Rudder Forward LH
1	MC1260505-319 or 419		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

210N□, T210N□ 1983-1984
S/N 21064773 thru 21064897
Complete Cable Kit P/N CCKT210-20G (Galvanized)
Complete Cable Kit P/N CCKT210-20S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-77*

Qty	P/N	Galv SS	Location
1	MC1260417-6 or 7		Park Brake Cable & Tube
1	MC1260505-317 or 417		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260208-12		Aileron/Rudder Int Lower
1	MC1260505-1742		Aileron/Rudder Int Upper
1	MC1260505-1872		Ail/Rud Int Upper w/Tube
2	MC1260078-14 or 114		Aileron Direct Yoke
2	MC1260505-321 or 421		Aileron Direct Bellcrank
1	MC1260505-314 or 414		Aileron Return LH
1	MC1260505-315 or 415		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MC1260505-96 or 196		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Fwd LH
1	MC1260475-2 or 102		Elevator Trim Fwd RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flap Up Bellcrk to Trnbkl

Kit continues in next column

Continued from previous page			
Qty	P/N	Galv SS	Location
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260475-5 or 105		Flap Up RH Trnbkl to Act
1	MC1260475-6 or 106		Rudder Forward LH
1	MC1260505-319 or 419		Rudder Forward RH
1	MC1260505-12 or 112		Rudder Aft LH
6	MCS2294-25		Rudder Aft RH
			Chain Connecting Link

210R, T210R 1985-1986
S/N 21064898 thru 2165009
Complete Cable Kit P/N CCKT210-21G (Galvanized)
Complete Cable Kit P/N CCKT210-21S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-78*

Qty	P/N	Galv SS	Location
1	MC1260417-6 or 7		Park Brake Cable & Tube
1	MC1260505-317 or 417		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260078-14 or 114		Aileron Yoke Direct
2	MC1260505-321 or 421		Aileron Direct Bellcrank
1	MC1260505-323 or 423		Aileron Return LH
1	MC1260505-322 or 422		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Forward LH
1	MC1260475-2 or 102		Elevator Trim Forward RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260505-325 or 425		Elevator Trim Aft LH
1	MC1260505-326 or 426		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172		Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105		Rudder Forward LH
1	MC1260475-6 or 106		Rudder Forward RH
1	MC1260505-329 or 429		Rudder Aft LH
1	MC1260505-330 or 430		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

P210N□ 1978-1980□
S/N P2100001 thru P21000553
Complete Cable Kit P/N CCKTP210-01G (Galvanized)
Complete Cable Kit P/N CCKTP210-01S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-81*

Qty	P/N	Galv SS	Location
1	MC1260505-97 or 197		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260208-12		Aileron/Rudder Int Lower
1	MC1260505-1742		Aileron/Rudder Int Upper
1	MC1260505-1872		Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113		Aileron Direct Yoke
2	MC1260505-40 or 140		Aileron Direct Bellcrank
1	MC1260505-314 or 414		Aileron Return LH
1	MC1260505-315 or 415		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MC1260505-96 or 196		Elev Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Forward LH
1	MC1260475-2 or 102		Elevator Trim Forward RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flap Up Bellcrk to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260475-5 or 105		Flap Up RH Trnbkl to Act
1	MC1260475-6 or 106		Rudder Forward LH
1	MC1260505-13 or 113		Rudder Forward RH
1	MC1260505-12 or 112		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

P210N□ 1980□-1981□
S/N P21000554 thru P21000622
Complete Cable Kit P/N CCKTP210-02G (Galvanized)
Complete Cable Kit P/N CCKTP210-02S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-81*

Qty	P/N	Galv SS	Location
1	MC1260505-317 or 417		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260208-12		Aileron/Rudder Int Lower
1	MC1260505-1742		Aileron/Rudder Int Upper
1	MC1260505-1872		Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113		Aileron Direct Yoke
2	MC1260505-40 or 140		Aileron Direct Bellcrank
1	MC1260505-314 or 414		Aileron Return LH
1	MC1260505-315 or 415		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MC1260505-96 or 196		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Forward LH
1	MC1260475-2 or 102		Elevator Trim Forward RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flp Up Bellcrank to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkleto Act
1	MC1260475-5 or 105		Flap Up RH Trnbkl to Act
1	MC1260475-6 or 106		Rudder Forward LH
1	MC1260505-13 or 113		Rudder Forward RH
1	MC1260505-12 or 112		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

P210N□ 1981□-1982□
S/N P21000623 thru P21000797
Complete Cable Kit P/N CCKTP210-03G (Galvanized)
Complete Cable Kit P/N CCKTP210-03S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-81*

Qty	P/N	Galv SS	Location
1	MC1260505-317 or 417		Park Brake
1	MC1260078-11 or 111		Aileron Yoke LH
1	MC1260078-12 or 112		Aileron Yoke RH
1	MC1260078-10 or 110		Aileron Yoke Carry Thru
2	MC1260208-12		Aileron/Rudder Int Lower
1	MC1260505-1742		Aileron/Rudder Int Upper
1	MC1260505-1872		Ail/Rud Int Upper w/Tube
2	MC1260078-13 or 113		Aileron Direct Yoke
2	MC1260505-40 or 140		Aileron Direct Bellcrank
1	MC1260505-314 or 414		Aileron Return LH
1	MC1260505-315 or 415		Aileron Return RH
1	MC1260475-12 or 112		Elevator Up
1	MC1260475-13 or 113		Elevator Down
1	MC1260505-96 or 196		Elevator Down Spring
1	MCS2295A25-111		Chain Elev Trim Fwd Up
1	MCS2295P25-159		Chain Elev Trim Fwd Low
1	MC1260475-1 or 101		Elevator Trim Forward LH
1	MC1260475-2 or 102		Elevator Trim Forward RH
1	MCS2295P25-55		Chain Elev Trim Actuator
1	MC1260475-9 or 109		Elevator Trim Aft LH
1	MC1260475-10 or 110		Elevator Trim Aft RH
1	MC1260505-73 or 173		Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171		Flap Dwn RH Trnbkl to Act
2	MC1260505-48 or 148		Flp Up Bellcrank to Trnbkl
2	MC1260505-47 or 147		Flap Down LH/RH
1	MC1260505-70 or 170		Bellcrank to Turnbuckle
1	MC1260505-72 or 172		Flap Up LH Trnbkl to Act
1	MC1260475-5 or 105		Flap Up RH Trnbkl to Act
1	MC1260475-6 or 106		Rudder Forward LH
1	MC1260505-319 or 419		Rudder Forward RH
1	MC1260505-12 or 112		Rudder Aft LH
1	MC1260505-12 or 112		Rudder Aft RH
6	MCS2294-25		Chain Connecting Link

* See pages 100-101 for Pulley Kit Components

1 Partial model eligibility

2 Included in both galvanized and stainless kits.

P210N 1982-1986

S/N P21000798 thru P21000834
Complete Cable Kit P/N CCKTP210-04G (Galvanized)
Complete Cable Kit P/N CCKTP210-04S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-81*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260078-11 or 111			Aileron Yoke LH
1	MC1260078-12 or 112			Aileron Yoke RH
1	MC1260078-10 or 110			Aileron Yoke Carry Thru
2	MC1260208-12			Aileron/Rudder Int Lower
1	MC1260505-1742			Aileron/Rudder Int Upper
1	MC1260505-1872			Ail/Rud Int Upper w/Tube
2	MC1260078-14 or 114			Aileron Direct Yoke
2	MC1260505-321 or 421			Aileron Direct Bellcrank
1	MC1260505-314 or 414			Aileron Return LH
1	MC1260505-315 or 415			Aileron Return RH
1	MC1260475-12 or 112			Elevator Up
1	MC1260475-13 or 113			Elevator Down
1	MC1260505-96 or 196			Elevator Down Spring
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260475-1 or 101			Elevator Trim Forward LH
1	MC1260475-2 or 102			Elevator Trim Forward RH
1	MCS2295P25-55			Chain Elev Trim Actuator
1	MC1260475-9 or 109			Elevator Trim Aft LH
1	MC1260475-10 or 110			Elevator Trim Aft RH
1	MC1260505-73 or 173			Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171			Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148			Flp Up Bellcrank to Trnbkl
2	MC1260505-47 or 147			Flap Down LH/RH
1	MC1260505-70 or 170			Bellcrank to Turnbuckle
1	MC1260505-72 or 172			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105			Rudder Forward LH
1	MC1260475-6 or 106			Rudder Forward RH
1	MC1260505-319 or 419			Rudder Aft LH
1	MC1260505-12 or 112			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

P210R 1985-1986

S/N P21000835 thru P21000874
Complete Cable Kit P/N CCKTP210-05G (Galvanized)
Complete Cable Kit P/N CCKTP210-05S (Stainless Steel)
Complete Pulley Kit P/N PULL-KT-82*

Qty	P/N	Galv	SS	Location
1	MC1260505-317 or 417			Park Brake
1	MC1260078-11 or 111			Aileron Yoke LH
1	MC1260078-12 or 112			Aileron Yoke RH
1	MC1260078-10 or 110			Aileron Yoke Carry Thru
2	MC1260208-12			Aileron/Rudder Int Lower
1	MC1260505-1742			Aileron/Rudder Int Upper
1	MC1260505-1872			Ail/Rud Int Upper w/Tube
2	MC1260078-14 or 114			Aileron Direct Yoke
2	MC1260505-321 or 421			Aileron Direct Bellcrank
1	MC1260505-323 or 423			Aileron Return LH
1	MC1260505-322 or 422			Aileron Return RH
1	MC1260475-12 or 112			Elevator Up
1	MC1260475-13 or 113			Elevator Down
1	MCS2295A25-111			Chain Elev Trim Fwd Up
1	MCS2295P25-159			Chain Elev Trim Fwd Low
1	MC1260475-1 or 101			Elevator Trim Forward LH
1	MC1260475-2 or 102			Elevator Trim Forward RH
1	MCS2295P25-59			Chain Elev Trim Actuator
1	MC1260505-325 or 425			Elevator Trim Aft LH
1	MC1260505-326 or 426			Elevator Trim Aft RH
1	MC1260505-73 or 173			Flap Dwn LH Trnbkl to Act
1	MC1260505-71 or 171			Flp Dwn RH Trnbkl to Act
2	MC1260505-48 or 148			Flp Up Bellcrank to Trnbkl
2	MC1260505-47 or 147			Flap Down LH/RH
1	MC1260505-70 or 170			Bellcrank to Turnbuckle
1	MC1260505-72 or 172			Flap Up LH Trnbkl to Act
1	MC1260505-72 or 172			Flap Up RH Trnbkl to Act
1	MC1260475-5 or 105			Rudder Forward LH
1	MC1260475-6 or 106			Rudder Forward RH
1	MC1260505-329 or 429			Rudder Aft LH
1	MC1260505-330 or 430			Rudder Aft RH
6	MCS2294-25			Chain Connecting Link

Cables for AG-CAT Aircraft

Aileron Cables

Model	Location	Part Number	Per A/C
G-164	Upper Sector	MCA1860-101	2
G-164	Lower Sector	MCA1860-101	2
G164A	Upper Sector	MCA1860-401	2
G164A	Lower Sector	MCA1860-101	2
G164B	Upper Sector	MCA2860-7	2
G164B	Lower Sector	MCA2860-5	2

Rudder Cables

G164, G164A	Left Hand	MCA1860-35	1
G164, G164A	Right Hand	MCA1860-36	1
G164B	Left & Right	MCA3860-3	2



Subassemblies consisting of a long and short cable are available. Call for details.

Stabilator Adjust Cables for Piper Aircraft

- Time tested 'long splice' method for strength and reliability
- Available in galvanized or stainless
- Custom lengths available for your antique projects

Model	S/N	P/N	Cable Comp.
J-3, PA-11	All	MC41671-2	Galvanized
PA-12	All	MC41671-5	Galvanized
PA-12	All	MC41671-6	Stainless
J-3, PA-11	All	MC41671-8	Stainless
PA-14	All	MC41671-9	Galvanized
PA-16, PA-20	All	MC41671-11	Galvanized
PA-14	All	MC41671-12	Galvanized
PA-18, PA-18A	1 thru 548	MC41671-13	Galvanized
PA-16	All	MC41671-14	Stainless
PA-18, PA-18A	All with Floats	MC41671-15	Stainless
PA-20, PA-22	All	MC41671-16	Galvanized
PA-18, PA-18A	549 and On	MC41671-17	Galvanized
PA-22	354 and On	MC41671-18	Stainless
PA-18, PA-18A	All with Floats	MC41671-19	Stainless



Self lubricating Fairlead
Part Number MC42911



Hand spliced
continuous loop!



Flight Control System Flight Control Cables - Piper



PA28-140
S/N 28-20002 thru 28-20656
Complete Kit P/N PKCT140-01
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-032	Stabilator Trim
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
1	MC62701-014	Flap

PA28-140
S/N 28-20002 thru 28-20656
with Kit #756-896 or Kit #756-930 Installed,
28-20657 thru 28-26956, 28-7125001 thru 28-7225612
with Kit #756-896 or Kit #756-930 Installed
Complete Kit P/N PKCT140-02 (Manual Trim)
Complete Kit P/N PKCT140-05 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045 2	Stabilator Trim Forward (Man)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-044 3	Stabilator Trim Forward (Elec)
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
1	MC62701-014	Flap

PA28-140
S/N 28-7325001 thru 28-7725290
Complete Kit P/N PKCT140-03 (Manual Trim)
Complete Kit P/N PKCT140-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-047	Stabilator Trim Aft
1	MC62701-016	Stabilator Trim Indicator Aft
2	MC62701-056 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-057 3	Stab Trim Fwd LH (Electric)
1	MC62701-014	Flap

PA28-150
S/N 28-1 thru 28-1410
Complete Kit P/N PKCT150-01
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-015	Stabilator Trim Forward
1	MC62701-014	Flap

PA28-150
S/N 28-1 thru 28-2171
With Kit #756-896 or Kit #756-930 Installed
Complete Kit P/N PKCT150-02
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH

Kit continues in next column

Continued from previous column

Qty	Part Number	Location
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045	Stabilator Trim Forward
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA28-150
S/N 28-1411 thru 28-2171
Complete Kit P/N PKCT150-03
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-014	Flap
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-032	Stabilator Trim

PA28-150
S/N 28-2172 thru 28-4377
Complete Kit P/N PKCT150-04 (Manual Trim)
Complete Kit P/N PKCT150-05 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045 2	Stab Trim Forward (Man)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-044 3	Stab Trim Forward (Electric)
1	MC62701-014	Flap

PA28-151
S/N 28-7415001 thru 28-7715314
Complete Kit P/N PKCT151-01 (Manual Trim)
Complete Kit P/N PKCT151-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-03 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stab Trim Forward LH (Electric)

PA28-160
S/N 28-1 thru 28-1410
Complete Kit P/N PKCT160-01
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-015	Stabilator Trim
1	MC62701-014	Flap

PA28-160
S/N 28-1 thru 28-2171
With Kit #756-896 or Kit #756-930 Installed
Complete Kit P/N PKCT160-02
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045	Stabilator Trim Forward
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA28-160
S/N 28-1411 thru 28-2171
Complete Kit P/N PKCT160-03
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-014	Flap
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-032	Stabilator Trim

PA28-160
S/N 28-2172 thru 28-4377
Complete Kit P/N PKCT160-04 (Manual Trim)
Complete Kit P/N PKCT160-05 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-01 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045 2	Stab Trim Forward (Man)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-044 3	Stab Trim Forward (Electric)
1	MC62701-014	Flap

PA28-161
S/N 28-7716001 thru 28-8616057,
2816001 thru 2816065, 2816067 thru 2816119,
2841001 thru 2841365
Complete Kit P/N PKCT161-01 (Manual Trim)
Complete Kit P/N PKCT161-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-03 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

1 Stabilator kits to assist with Piper AD2013-02-13 include cables designated with **1** plus 2 each MS21251-BSS Barrels and 10 each MS21256-1 Locking Clips.
2 Included in kits for manual trim aircraft only.
3 Included in kits for electric trim aircraft only.
4 Kits for electric trim aircraft include only one of this part number.

Flight Control System

Flight Control Cables - Piper



PA28-180 S/N 28-725 thru 28-1410 Complete Kit P/N PKCT180-01 Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-015	Stabilator Trim
1	MC62701-014	Flap
PA28-180 S/N 28-725 thru 28-2171 With Kit # 756-896 or Kit #756-930 Installed Complete Kit P/N PKCT180-02 Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045	Stabilator Trim Forward
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap
PA28-180 S/N 28-1411 thru 28-2171 Complete Kit P/N PKCT180-03 Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-045	Stabilator Trim Forward
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap
PA28-180 S/N 28-2172 thru 28-4377 Complete Kit P/N PKCT180-04 (Manual Trim) Complete Kit P/N PKCT180-09 (Electric Trim) Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-014	Flap
1	MC62701-016	Stabilator Trim Indicator Aft
1	MC62701-032	Stabilator Trim
PA28-180 S/N 28-4378 thru 28-5869, 28-7105001 thru 28-7205328 Complete Kit P/N PKCT180-05 (Manual Trim) Complete Kit P/N PKCT180-06 (Electric Trim) Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Indicator Aft
1	MC62701-045 2	Stabilator Trim Forward (Man)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-044 3	Stabilator Trim Forward (Elec)
1	MC62701-014	Flap

Continued from previous column		
Qty	Part Number	Location
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-057 3	Stabilator Trim Forward LH (Elec)
1	MC62701-014	Flap
PA28-180 S/N 28-7305001 thru 28-7505261 Complete Kit P/N PKCT180-07 (Manual Trim) Complete Kit P/N PKCT180-08 (Electric Trim) Stabilator Kit P/N PKCT-STAB-03 1		
Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
1	MC62701-100	Rudder Forward LH
1	MC62701-006	Rudder Forward RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)
1	MC62701-101	Flap
PA28-181 S/N 28-7690001 thru 28-8690062, 2890001 thru 2890195, 2890197 thru 2890231 Complete Kit P/N PKCT181-01 (Manual Trim) Complete Kit P/N PKCT181-02 (Electric Trim) Stabilator Kit P/N PKCT-STAB-03 1		
Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)
PA28-235 S/N 28-10003 thru 28-10605 Complete Kit P/N PKCT235-01 Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Indicator Aft
1	MC62701-032	Stabilator Trim
1	MC62701-014	Flap
PA28-235 S/N 28-10003 thru 28-10605 with Kit 756-896 or 756-930 installed Complete Kit P/N PKCT235-02 Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Indicator Aft
1	MC62701-032	Stabilator Trim
1	MC62701-014	Flap

PA28-235 S/N 28-10606 thru 28-10719 Complete Kit P/N PKCT235-03 (Manual Trim) Complete Kit P/N PKCT235-08 (Electric Trim) Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-016	Stabilator Indicator Aft
1	MC62701-045 2	Stabilator Trim Forward (Man)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-044 3	Stabilator Trim Forward (Elec)
1	MC62701-014	Flap
PA28-235 S/N 28-10720 thru 28-11393 28-7110001 thru 28-7210033 Complete Kit P/N PKCT235-04 (Manual Trim) Complete Kit P/N PKCT235-05 (Electric Trim) Stabilator Kit P/N PKCT-STAB-01 1		
Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-010 1	Stabilator Forward LH
1	MC62701-011 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-057 3	Stabilator Trim Forward LH (Elec)
1	MC62701-014	Flap
PA28-235 S/N 28-7310001 thru 28-7710089 Complete Kit P/N PKCT235-06 (Manual Trim) Complete Kit P/N PKCT235-07 (Electric Trim) Stabilator Kit P/N PKCT-STAB-03 1		
Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
1	MC62701-100	Rudder Forward LH
1	MC62701-006	Rudder Forward RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)
1	MC62701-101	Flap
PA28-236 S/N 28-7911001 thru 28-8611008, 2811001 thru 2811050 Complete Kit P/N PKCT236-01 (Manual Trim) Complete Kit P/N PKCT236-02 (Electric Trim) Stabilator Kit P/N PKCT-STAB-03 1		
Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

1 Stabilator kits to assist with Piper AD2013-02-13 include cables designated with **1** plus 2 each MS21251-B5S Barrels and 10 each MS21256-1 Locking Clips.
2 Included in kits for manual trim aircraft only.
3 Included in kits for electric trim aircraft only.
4 Kits for electric trim aircraft include only one of this part number.



Flight Control System Flight Control Cables - Piper



PA28-201T
S/N 28-7921001 thru 28-7921095
Complete Kit P/N PKCT201T-01 (Manual Trim)
Complete Kit P/N PKCT201T-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-03 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-122	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-113 1	Stabilator Forward LH
1	MC62701-114 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

PA28R-180
S/N 28R-30005 thru 28R-30481,
28R-30483 thru 28R-31279,
28R-7130001 thru 28R-7130019
Complete Kit P/N PKCTR180-01 (Manual Trim)
Complete Kit P/N PKCTR180-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-04 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-064	Aft Rudder LH and RH
1	MC62701-062 1	Stabilator Fwd LH
1	MC62701-061 1	Stabilator Fwd RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-057 3	Stabilator Trim Forward LH (Elec)

PA28R-200
S/N 28R-35001 thru 28R-35830,
28R-7135001 thru 28R-7135238
Complete Kit P/N PKCTR200-01 (Manual Trim)
Complete Kit P/N PKCTR200-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-04 **1**

Qty	Part Number	Location
2	MC62701-002	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-006	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
1	MC62701-062 1	Stabilator Fwd LH
1	MC62701-061 1	Stabilator Fwd RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-014	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-056 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-057 3	Stabilator Trim Forward LH (Elec)

PA28R-200
S/N 28R-7235001 thru 28R-7635545
Complete Kit P/N PKCTR200-03 (Manual Trim)
Complete Kit P/N PKCTR200-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-05 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-004	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

PA28R-201
S/N 28R-7737002 thru 28R-7837317,
2837001 thru 2837061
Complete Kit P/N PKCTR201-01 (Manual Trim)
Complete Kit P/N PKCTR201-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-05 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

PA28R-201T
S/N 28R-7703001 thru 28R-7803373,
2803001 thru 2803015
Complete Kit P/N PKCTR201T-01 (Manual Trim)
Complete Kit P/N PKCTR201T-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-05 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
2	MC62701-100	Rudder Forward LH and RH
2	MC62701-064	Rudder Aft LH and RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-012 1	Stabilator Aft Bottom
1	MC62701-013 1	Stabilator Aft Top
1	MC62701-101	Flap
1	MC62701-047	Stabilator Trim Aft
2	MC62701-104 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-111 3	Stabilator Trim Forward LH (Elec)

PA28RT-201
S/N 28R-7918001 thru 28R-8218026
Complete Kit P/N PKCTR201-01 (Manual Trim)
Complete Kit P/N PKCTR201-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-06 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
1	MC62701-101	Flap
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower
2	MC62701-189 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-155	Stabilator Trim Aft
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
1	MC62701-191 3	Stabilator Trim Fwd LH (Elec)

PA28RT-201
S/N 28R-7918001 thru 28R-8218026
For aircraft with Altimatec IIIC Autopilot
Complete Kit P/N PKCTR201-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-06 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
1	MC62701-101	Flap
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower
2	MC62701-189 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-155	Stabilator Trim Aft
2	MC62701-100	Rudder Forward RH
1	MC62701-168	Rudder Aft
1	MC62701-193	Stab Trim Fwd LH (Autopilots)

PA28RT-201T
S/N 28R-7931001 thru 28R-8631005,
2831001 thru 2831038
Complete Kit P/N PKCTR201T-01 (Manual Trim)
Complete Kit P/N PKCTR201T-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-06 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH

Kit continues in next column

Continued from previous column

Qty	Part Number	Location
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
1	MC62701-101	Flap
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower
2	MC62701-189 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-155	Stabilator Trim Aft
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
1	MC62701-191 3	Stabilator Trim Fwd LH (Elec)

PA28RT-201T
S/N 28R-7931001 thru 28R-8631005,
2831001 thru 2831038
For aircraft with Altimatec IIIC Autopilot
Complete Kit P/N PKCTR201T-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-06 **1**

Qty	Part Number	Location
2	MC62701-099	Aileron Forward LH and RH
2	MC62701-143	Aileron Wing LH and RH
1	MC62701-123	Aileron Balance LH
1	MC62701-124	Aileron Balance RH
1	MC62701-101	Flap
1	MC62701-102 1	Stabilator Forward RH
1	MC62701-103 1	Stabilator Forward LH
1	MC62701-169 1	Stabilator Aft Upper
1	MC62701-170 1	Stabilator Aft Lower
1	MC62701-189 2	Stab Trim Fwd RH
1	MC62701-155	Stabilator Trim Aft
2	MC62701-100	Rudder Forward LH and RH
1	MC62701-168	Rudder Aft
1	MC62701-193	Stab Trim Fwd LH (Autopilots)

PA28S-180
S/N 28S-671 thru 28S-2171
Complete Kit P/N PKCTS180-01
Stabilator Kit P/N PKCT-STAB-02 **1**

Qty	Part Number	Location
2	MC62701-018	Aileron Wing LH and RH
1	MC62701-019	Aileron Balance LH
1	MC62701-020	Aileron Balance RH
1	MC62701-017	Aileron Forward LH and RH
2	MC62701-023	Rudder Aft LH and RH
1	MC62701-027 1	Stabilator Aft LH
1	MC62701-028 1	Stabilator Aft RH
1	MC62701-031	Stabilator Trim Aft

PA28S-180
S/N 28S-2172 thru 28S-5869,
28S-7105001 thru 28S-7205234
Complete Kit P/N PKCTS180-02 (Manual Trim)
Complete Kit P/N PKCTS180-03 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-02 **1**

Qty	Part Number	Location
2	MC62701-018	Aileron Wing LH and RH
1	MC62701-019	Aileron Balance LH
1	MC62701-020	Aileron Balance RH
2	MC62701-017	Aileron Forward LH and RH
2	MC62701-023	Rudder Aft LH and RH
1	MC62701-027 1	Stabilator Aft LH
1	MC62701-028 1	Stabilator Aft RH
1	MC62701-031	Stabilator Trim Aft
1	MC62701-046 2	Stabilator Trim Forward LH (Man)
1	MC62701-049 3	Stabilator Trim Forward LH (Elec)

PA32-260
S/N 32-1 thru 32-1320,
32-7100001 thru 32-7300076
Complete Kit P/N PKCT260-01 (Manual Trim)
Complete Kit P/N PKCT260-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
2	MC62701-008	Rudder Aft LH and RH
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-037 1	Rudder Fwd RH/Stabilator Fwd RH
1	MC62701-038	Rudder Forward LH
1	MC62701-040 1	Stabilator Forward LH

Kit continues on next page

1 Stabilator kits to assist with Piper AD2013-02-13 include cables designated with **1** plus 2 each MS21251-B5S Barrels and 10 each MS21256-1 Locking Clips.

2 Included in kits for manual trim aircraft only.

3 Included in kits for electric trim aircraft only.

4 Kits for electric trim aircraft include only one of this part number.

Flight Control System

Flight Control Cables - Piper


Continued from previous page

1	MC62701-012	1	Stabilator Aft LH
1	MC62701-013	1	Stabilator Aft RH
2	MC62701-041	4	Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3	Stabilator Trim Forward LH (Elec)
1	MC62701-047		Stabilator Trim Aft
1	MC62701-014		Flap

PA32-260

S/N 32-7400001 thru 32-7400061
Complete Kit P/N PKCT260-03 (Manual Trim)
Complete Kit P/N PKCT260-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
1	MC62701-134	Rudder Aft LH
1	MC62701-008	Rudder Aft RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
1	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-037	1 Rudder Fwd RH/Stabilator Fwd RH
1	MC62701-038	Rudder Forward LH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32-260

S/N 32-7500001 thru 32-7800008
Complete Kit P/N PKCT260-05 (Manual Trim)
Complete Kit P/N PKCT260-06 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037	1 Rudder Fwd LH&RH/Stab Fwd RH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32-300

S/N 32-40000 thru 32-41018,
32-7140001 thru 32-7340201
Complete Kit P/N PKCT300-01 (Manual Trim)
Complete Kit P/N PKCT300-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance
1	MC62701-005	Aileron Balance RH
2	MC62701-037	1 Rudder Fwd RH/Stab Fwd RH
1	MC62701-038	Rudder Forward LH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Forward Stabilator Trim
1	MC62701-042	3 Electric Trim
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32-300

S/N 32-7440001 thru 32-7440182
Complete Kit P/N PKCT300-03 (Manual Trim)
Complete Kit P/N PKCT300-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
1	MC62701-134	Rudder Aft LH
1	MC62701-008	Rudder Aft RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
2	MC62701-037	1 Rudder Fwd RH/Stab Fwd RH
1	MC62701-038	Rudder Forward LH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32-300

S/N 32-7540001 thru 32-7940282
Complete Kit P/N PKCT300-05 (Manual Trim)
Complete Kit P/N PKCT300-06 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
1	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32-301

S/N 32-8006001 thru 32-8606023,
3206001 thru 3206019
Complete Kit P/N PKCT301-01 (Manual Trim)
Complete Kit P/N PKCT301-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-208	1 Stabilator Aft LH
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
2	MC62701-008	Rudder Aft LH and RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH

PA32-301

S/N 32-8406001 thru 32-8606023,
3206001 thru 3206019
For aircraft with Century 31 Autopilot
Complete Kit P/N PKCT301-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-208	1 Stabilator Aft LH
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-047	Stabilator Trim Aft
1	MC62701-041	2 Stab Trim Fwd RH
1	MC62701-135	Stabilator Trim Forward
2	MC62701-008	Rudder Aft LH and RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH

PA32-301T

S/N 32-8024001 thru 32-8424002
Complete Kit P/N PKCT301T-01 (Manual Trim)
Complete Kit P/N PKCT301T-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-208	1 Stabilator Aft LH
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)

PA32-301T

S/N S/N 32-8024001 thru 32-8424002
For aircraft with Century 31 Autopilot
Complete Kit P/N PKCT301T-04 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-202	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-208	1 Stabilator Aft LH

Kit continues in next column

Continued from previous column

Qty	Part Number	Location
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-047	Stabilator Trim Aft
1	MC62701-041	Stab Trim Fwd RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-135	Stabilator Trim Fwd LH (Autopilot)

PA32R-300

S/N 32R-7680001 thru 32R-7880068
Complete Kit P/N PKCTR300-01 (Manual Trim)
Complete Kit P/N PKCTR300-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-07 **1**

Qty	Part Number	Location
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-012	1 Stabilator Aft LH
1	MC62701-013	1 Stabilator Aft RH
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
1	MC62701-040	1 Stabilator Forward LH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)
1	MC62701-047	Stabilator Trim Aft
1	MC62701-014	Flap

PA32R-301

S/N 32R-8013001 thru 32R-8613006,
3213001 thru 3213041
Complete Kit P/N PKCTR301-01 (Manual Trim)
Complete Kit P/N PKCTR301-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-199	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-208	1 Stabilator Aft LH
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)

PA32R-301T

S/N 32R-8029001 thru 32R-8629008,
3229001 thru 3229003
Complete Kit P/N PKCTR301T-01 (Manual Trim)
Complete Kit P/N PKCTR301T-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-09 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-199	Aileron Wing LH and RH
1	MC62701-200	Aileron Balance LH
1	MC62701-201	Aileron Balance RH
1	MC62701-014	Flap
1	MC62701-207	1 Stabilator Forward LH
1	MC62701-205	1 Stabilator Aft RH
1	MC62701-208	1 Stabilator Aft LH
1	MC62701-047	Stabilator Trim Aft
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
2	MC62701-008	Rudder Aft LH and RH
1	MC62701-042	3 Stabilator Trim Forward LH (Elec)

PA32RT-300

S/N 32R-7885001 thru 32R-7985125
Complete Kit P/N PKCTR300-01 (Manual Trim)
Complete Kit P/N PKCTR300-02 (Electric Trim)
Stabilator Kit P/N PKCT-STAB-10 **1**

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037	1 Rudder Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040	1 Stabilator Forward LH
1	MC62701-159	1 Stabilator Aft LH
1	MC62701-158	1 Stabilator Aft RH
2	MC62701-041	4 Stab Trim Fwd LH and RH (Man)

Kit continues on next page

1 Stabilator kits to assist with Piper AD2013-02-13 include cables designated with 1 plus 2 each MS21251-BSS Barrels and 10 each MS21256-1 Locking Clips.
2 Included in kits for manual trim aircraft only.
3 Included in kits for electric trim aircraft only.
4 Kits for electric trim aircraft include only one of this part number.



Flight Control System

Flight Control Cables - Piper



FAA-PMA Approved

Continued from previous page

Qty	Part Number	Location
1	MC62701-137	Stabilator Trim Aft
1	MC62701-014	Flap
PA32RT-300		
S/N 32R-7885001 thru 32R-7985013, 32R-7887003 thru 32R-7987035		
For aircraft with Altimatec IIIC Autopilot		
Complete Kit P/N PKCTRT300-05 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-10 1		
Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037 1	Rudd Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH
1	MC62701-041 1	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-135	Stab Trim Fwd LH & RH (Autopilot)
1	MC62701-014	Flap

PA32RT-300		
S/N 32R-7985014 thru 32R-7985125, 32R-7987036 thru 32R-7987146		
For aircraft with Altimatec IIIC Autopilot		
Complete Kit P/N PKCTRT300-06 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-10 1		
Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037 1	Rudd Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH
1	MC62701-041 1	Stab Trim Fwd RH
2	MC62701-137	Stabilator Trim Aft
1	MC62701-183	Stab Trim Fwd LH & RH (Autopilot)

PA32RT-300T		
S/N 32R-7887001 thru 32R-7987146		
Complete Kit P/N PKCTRT300T-01 (Manual Trim)		
Complete Kit P/N PKCTRT300T-02 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-10 1		
Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037 1	Rudd Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH
2	MC62701-041 4	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-042 3	Stabilator Trim Fwd LH (Elec)

PA32RT-300T		
S/N 32R-7887003 thru 32R-7887050, 32R-7887052 thru 32R-7887307, 32R-7987001 thru 32R-7987035		
Complete Kit P/N PKCTRT300T-05 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-10 1		
Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037 1	Rudd Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH
1	MC62701-041 1	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-135	Stab Trim Fwd LH & RH (Autopilot)

PA32RT-300T		
S/N 32R-7987004, 32R-7987036 thru 32R-7987146		
For aircraft with Altimatec IIIC Autopilot		
Complete Kit P/N PKCTRT300T-06 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-10 1		

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-003	Aileron Wing LH and RH

Kit continues in next column

Continued from previous column

Qty	Part Number	Location
1	MC62701-048	Aileron Balance LH
1	MC62701-005	Aileron Balance RH
3	MC62701-037 1	Rudd Fwd LH & RH/Stab Fwd RH
1	MC62701-157	Rudder Aft
1	MC62701-040 1	Stabilator Forward LH
1	MC62701-159 1	Stabilator Aft LH
1	MC62701-158 1	Stabilator Aft RH
1	MC62701-041 1	Stab Trim Fwd RH
1	MC62701-137	Stabilator Trim Aft
1	MC62701-183	Stab Trim Fwd LH & RH (Autopilot)

PA32S-300		
S/N 32S-40000 thru 32S-7240137		
Complete Kit P/N PKCTS300-01 (Manual Trim)		
Complete Kit P/N PKCTS300-02 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-08 1		

Qty	Part Number	Location
2	MC62701-023	Rudder Aft LH and RH
2	MC62701-051 1	Rudder Fwd RH/Stab Fwd RH
1	MC62701-037	Rudder Forward LH
1	MC62701-027 1	Stabilator Aft LH
1	MC62701-028 1	Stabilator Aft RH
1	MC62701-053 1	Stabilator Forward LH
2	MC62701-050	Aileron Forward LH and RH
2	MC62701-018	Aileron Wing LH and RH
1	MC62701-055	Aileron Balance LH
1	MC62701-020	Aileron Balance RH
1	MC62701-047	Stabilator Trim Aft
2	MC62701-054 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-060 3	Stabilator Trim Fwd LH (Elec)

PA34-200		
S/N 34-7250001 thru 34-7450220		
Complete Kit P/N PKCT200-01 (Manual Trim)		
Complete Kit P/N PKCT200-05 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-11 1		

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-074	Aileron Wing LH and RH
1	MC62701-076	Aileron Balance LH
1	MC62701-075	Aileron Balance RH
2	MC62701-093	Aileron/Rudder Interconnect Aft
2	MC62701-094	Aileron/Rudder Interconnect Fwd
2	MC62701-081	Rudder Forward
2	MC62701-072	Rudder Aft
2	MC62701-069	Rudder Trim Fwd
1	MC62701-070	Rudder Trim Aft
1	MC62701-078 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Forward RH
1	MC62701-079 1	Stabilator Aft Upper
1	MC62701-080 1	Stabilator Aft Lower
2	MC62701-077 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-073	Stabilator Trim Aft
1	MC62701-071	Flap
1	MC62701-097 3	Stab Trim Fwd LH&RH (Autopilot)

PA34-200		
S/N 34-7250001 thru 34-7450024, 34-7450025 thru 34-7450220 with		
Altimatec IIIB Autopilot If Kit 760-776 installed		
Complete Kit P/N PKCT200-10 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-11 1		

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-074	Aileron Wing LH and RH
1	MC62701-076	Aileron Balance LH
1	MC62701-075	Aileron Balance RH
2	MC62701-093	Aileron/Rudder Interconnect Aft
2	MC62701-094	Aileron/Rudder Interconnect Fwd
2	MC62701-081	Rudder Forward
2	MC62701-072	Rudder Aft
2	MC62701-069	Rudder Trim Fwd
1	MC62701-070	Rudder Trim Aft
1	MC62701-078 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Forward RH
1	MC62701-079 1	Stabilator Aft Upper
1	MC62701-080 1	Stabilator Aft Lower
1	MC62701-077	Stab Trim Fwd RH
1	MC62701-073	Stabilator Trim Aft
1	MC62701-071	Flap
1	MC62701-097	Stab Trim Fwd LH (Autopilot)
1	MC62701-128	Interconnect

PA34-200T		
S/N 34-7570001 - 34-8170092		
For aircraft with Altimatec IIIB Autopilot		
Complete Kit P/N PKCT200T-01 (Manual Trim)		
Complete Kit P/N PKCT200T-02 (Electric Trim)		
Stabilator Kit P/N PKCT-STAB-12 1		

Qty	Part Number	Location
2	MC62701-036	Aileron Forward LH and RH
2	MC62701-127	Aileron Wing LH and RH
1	MC62701-125	Aileron Balance LH

Kit continues in next column

Continued from previous column

Qty	Part Number	Location
1	MC62701-126	Aileron Balance RH
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
2	MC62701-069	Rudder Trim Control Forward
1	MC62701-070	Rudder Trim Control Aft
1	MC62701-078 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Forward RH
1	MC62701-129 1	Stabilator Aft Upper
1	MC62701-080 1	Stabilator Aft Lower
2	MC62701-077 4	Stab Trim Fwd LH and RH (Man)
1	MC62701-073	Stabilator Trim Aft
1	MC62701-071	Flap
1	MC62701-097 3	Stab Trim Fwd LH (Elec)(Autopilot)

PA34-220T		
S/N 34-8133001 thru 34-8633031, 3433001 thru 3433172		
Complete Kit P/N PKCT220T-01		
Stabilator Kit P/N PKCT-STAB-12 1		

Qty	Part Number	Location
2	MC62701-228	Aileron Forward LH and RH
2	MC62701-127	Aileron Wing LH and RH
1	MC62701-125	Aileron Balance LH
1	MC62701-126	Aileron Balance RH
2	MC62701-081	Rudder Forward
1	MC62701-072	Rudder Aft
2	MC62701-069	Rudder Trim Control Forward
1	MC62701-070	Rudder Trim Control Aft
1	MC62701-078 1	Stabilator Forward LH
1	MC62701-037 1	Stabilator Forward RH
1	MC62701-129 1	Stabilator Aft Upper
1	MC62701-080 1	Stabilator Aft Lower
2	MC62701-077 4	Stab Trim Fwd LH and RH (Man)
2	MC62701-073	Stabilator Trim Aft
1	MC62701-071	Flap
1	MC62701-097	Stab Trim Fwd LH (Elec)(Autopilot)

1 Stabilator kits to assist with Piper AD2013-02-13 include cables designated with **1** plus 2 each MS21251-B5S Barrels and 10 each MS21256-1 Locking Clips.

2 Included in kits for manual trim aircraft only.

3 Included in kits for electric trim aircraft only.

4 Kits for electric trim aircraft include only one of this part number.

5 Kits for electric trim aircraft include two of this part number.

General Piper Cable Notes: Corrosion Protection

All Piper cables are coated with a modified MIL-PRF-16173 compound. It provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil. This provides both exceptional wear resistance and corrosion protection for many years.



Flight Control System

Flight Control Cables - Beechcraft



Models 19, 23 and 24 Musketeer, Sport, Sundowner A23-19, 19A, M19A, B19, 23, A23, A23A, B23, C23, A23-24, A24			Model 33 Debonair and Bonanza F33C			Model 35 Bonanza S35 (All except D-7140), V35, V35TC, V35A, V35A-TC, V35B, V35B-TC		
Part Number	Location		Part Number	Location		Part Number	Location	
MCNAS30245-2053	Stabilator Tab		MC33-524000-61	Elevator Down		MC1781-2	Elevator Trim	Note 1
MCNAS31424-0870	Stabilator		MC35-524314-2	Aileron	Note 1	MC35-524314-2	Aileron	Note 2
MCNAS31424-0934	Rudder Aft LH		MC36-521011-1	Aileron Aft	Note 1	MC35-524382	Elevator Tab Aft	
MCNAS31424-1152	Stabilator		MC36-521011-3	Aileron Fwd	Note 1	MC35-524651-1	Elevator	
MCNAS31424-1242	Rudder Fwd RH		MC36-524000-29	Elevator Tab RH		MC36-521011-1	Aileron Aft	
MCNAS31425-0820	Stabilator		MC36-524000-31	Elevator Tab LH		MC36-521011-3	Aileron Fwd	
MCNAS31425-0931	Rudder Aft RH		MCNAS30422-0255	Aileron		MCNAS30266-3950	Elevator Trim	Note 2
MCNAS31425-1220	Rudder Fwd LH		MCNAS30426-0603	Aileron		MCNAS30266-3954	Trim Tab	Note 3
MCNAS31425-1411	Stabilator/Elevator Fwd		MCNAS30435-0564	Elevator		MCNAS30277-1156	Elevator Trim	Note 3
MCNAS31426-1170	Aileron RH		MCNAS30435-1325	Rudder Fwd		MCNAS30327-0581	Elevator Trim	
MCNAS31427-1131	Aileron		MCNAS30466-0173	Aileron		MCNAS30327-0587	Elevator Trim	
MCNAS31427-1370	Aileron LH		MCNAS30537-0647	Aileron Aft	Note 2	MCNAS30327-0597	Elevator Trim	
Model 24 Musketeer, Sierra A24R, B24R, C24R			MCNAS30537-0667	Aileron Fwd	Note 2	MCNAS30327-0605	Elevator Trim	
Part Number	Location		MCNAS31237-0790	Elevator		MCNAS30422-0255	Aileron	
MCNAS30245-2053	Stabilator Tab		Note 1: CJ-26 thru CJ-128			MCNAS30425-0082	Elevator Aft	
MCNAS31424-0870	Stabilator		Note 2: CJ-129 thru CJ-179			MCNAS30425-0106	Rudder Aft LH	
MCNAS31424-0934	Rudder Aft LH		Model 35 Bonanza 35			MCNAS30426-0603	Aileron	
MCNAS31424-1242	Rudder Fwd RH		Part Number	Location		MCNAS30433-0247	Rudder	
MCNAS31424-1340	Stabilator		MC35-524004	Elevator Fwd		MCNAS30435-2087	Elevator	
MCNAS31425-0820	Stabilator		MCNAS30227-0590	Tab Actuating		MCNAS30436-0197	Elevator Aft	
MCNAS31425-0931	Rudder Aft RH		MCNAS30266-3500	Elevator Trim Tab Fwd	Note 1	MCNAS30466-0173	Aileron	
MCNAS31425-1220	Rudder Fwd LH		MCNAS30266-3636	Elevator Trim Tab Fwd		MCNAS31514-1871	Rudder Fwd or Tab	Note 4
MCNAS31425-1345	Stabilator		MCNAS30422-0256	Aileron Fwd LH		Note 1: Replaces: (1) NAS302-77-1156 Cable, (2) 35-524288 Stop Screw, (2) 35-524287 Stop Nut.		
MCNAS31426-1170	Aileron RH		MCNAS30424-0397	Aileron Center LH		Note 2: For models S35, V35, V35A, V35A-TC, V35TC only.		
MCNAS31427-1180	Aileron		MCNAS30425-0082	Elevator Aft		Note 3: For models V35B and V35B-TC only.		
MCNAS31427-1370	Aileron LH		MCNAS30425-0100	Rudder Aft RH		Note 4: Includes all models listed and S35 s/n D-7140.		
Model 33 Debonair and Bonanza 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, F33, G33			MCNAS30425-0106	Rudder Aft LH		Model 36 Bonanza 36		
Part Number	Location		MCNAS30433-0255	Rudder Aft		Part Number	Location	
MC33-524000-17	Elevator Fwd	Note 1	MCNAS30436-0197	Elevator Aft		MC35-524314-12	Aileron Fuselage	
MC33-524000-47	Elevator Tab	Note 2	MCNAS305-24-0514	Aileron Lower RH		MC36-521011-1	Aileron Aft	
MC33-524000-61	Elevator Down	Note 3	MCNAS305-34-0514	Cable		MC36-521011-3	Aileron Fwd	
MC33-524001-1	Elevator Tab	Note 4	MCNAS305-34-0640	Cable		MC36-524000-23	Elevator Fwd	
MC35-524314	Aileron		MCNAS305-35-0546	Cable		MC36-524000-29	Elevator Tab RH	
MC36-521011-1	Aileron Aft		MCNAS305-35-0672	Cable		MC36-524000-31	Elevator Tab LH	
MC36-521011-3	Aileron Fwd		MCNAS31414-1875	Rudder Fwd		MCNAS30426-0703	Aileron LH	
MC36-524000-29	Elevator Tab RH		MCNAS31415-0152	Aileron Aft LH		MCNAS30434-1624	Elevator Up	
MC36-524000-31	Elevator Tab LH		MCNAS31415-0472	Aileron Aft RH		MCNAS30435-0564	Elevator	
MCNAS30266-3242	Elevator Tab	Note 5	Note 1: Not required for S/N D-1 thru D-14.			MCNAS30435-1425	Rudder Fwd LH & RH	
MCNAS30422-0255	Aileron		Model 35 Bonanza A35 (All except D-15001), B35, C35, D35, E35, F35, G35 (All except D-15002)			MCNAS30466-0173	Aileron	
MCNAS30426-0603	Aileron		Part Number	Location		MCNAS31237-0534	Elevator Tab	
MCNAS30434-1520	Elevator Up	Note 3	MC35-524004	Elevator Fwd	Note 1	Model 36 Bonanza A36		
MCNAS30435-0564	Elevator		MC35-524314	Aileron	Note 2	Part Number	Location	
MCNAS30435-1325	Rudder Fwd		MC35-524385	Elevator Fwd	Note 2	MC002-524028-21	Elevator Tab	Note 1
MCNAS30466-0173	Aileron	Note 6	MC36-521011-3	Aileron Outbrd Balance		MC002-524028-25	Elevator Tab	Note 1
MCNAS31237-0790	Elevator Tab		MC36-521011-1	Aileron Outboard Control	Note 2	MC002-524028-9	Elevator Tab	Note 1
Note 1: For model 35-33 S/N CD-1 thru CD-224, CD-233, CD234, CD236, CD-241, CD246 thru CD-250 only.			MCNAS30327-0590	Tab Actuating	Note 2	MC106-524019-47	Aileron Tab	Note 2
Note 2: For model 35-33 only.			MCNAS30266-3500	Elevator Trim Tab Fwd		MC106-524019-55	Aileron Tab	Note 2
Note 3: Not required for model 35-33.			MCNAS30266-3636	Elevator Trim Tab Fwd		MC106-524019-63	Aileron Tab	Note 2
Note 4: For models 35-B33, 35-C33, 35-C33A s/n CE-1 thru CE-27, and E33 only.			MCNAS30422-0256	Aileron Fwd LH		MC106-524019-9	Chain, Trim Control	Note 2
Note 5: For model 35-A33 only.			MCNAS30424-0610	Aileron Center RH		MC106-524020-57	Elevator Tab	Note 2
Note 6: Not required for models F33 or G33.			MCNAS30425-0082	Elevator Aft		MC106-524020-7	Chain, Trim Control	Note 2
Model 33 Debonair and Bonanza F33A			MCNAS30425-0100	Rudder Aft RH		MC106-524020-73	Elevator Tab	Note 2
Part Number	Location		Model 35 Bonanza H35, J35, K35, M35, N35, P35			MC106-524020-77	Chain, Elevator Tab	Note 2
MC002-524028-23	Elevator Tab	Note 1	Part Number	Location		MC106-524031-1	Aileron Tab	Note 2
MC33-524000-61	Elevator Down	Note 2	MC35-524314	Aileron		MC106-524031-11	Aileron Tab	Note 2
MC33-524028	Elevator Tab	Note 3	MC35-524382	Elevator Tab Aft		MC106-524031-9	Aileron Tab	Note 2
MC33-524029	Elevator Down	Note 4	MC35-524385	Elevator Forward	Note 1	MC106-524043-5	Aileron Aft RH	Note 2
MC35-524314	Aileron		MC35-524651-1	Elevator	Note 2	MC106-524043-7	Aileron Fwd LH & RH	Note 2
MC36-521011-1	Aileron Aft		MC36-521011-1	Aileron Aft		MC106-524044-19	Aileron	Note 2
MC36-521011-3	Aileron Fwd		MC36-521011-3	Aileron Fwd		MC106-524044-3	Aileron	Note 2
MC36-524000-29	Elevator Tab RH	Note 5	MCNAS30327-0605	Elevator Trim		MC106-524045-5	Aileron	Note 2
MC36-524000-31	Elevator Tab LH		MCNAS30266-3506	Elevator Trim Tab		MC106-524046-7	Elevator Tab Nose Down	Note 2
MCNAS30422-0255	Aileron	Note 5	MCNAS30327-0581	Elevator Trim		MC106-524046-9	Elevator Tab Nose Up	Note 2
MCNAS30426-0603	Aileron	Note 5	MCNAS30327-0587	Elevator Trim		MC106-524049-1	Elevator Up Fwd	Note 2
MCNAS30434-1520	Elevator Up		MCNAS30327-0597	Elevator Trim		MC106-524049-9	Elevator Down Fwd	Note 2
MCNAS30435-0564	Elevator		MCNAS30422-0255	Aileron		MC106-524050-1	Elevator Up Aft	Note 2
MCNAS30435-1321	Rudder Fwd	Note 3	MCNAS30425-0100	Rudder Aft RH	Note 4	MC106-524050-3	Elevator Down Aft	Note 2
MCNAS30435-1325	Rudder Fwd	Note 2	MCNAS30425-0082	Elevator Aft		MC106-524051-5	Rudder RH	Note 2
MCNAS30466-0173	Aileron	Note 5	MCNAS30425-0106	Rudder Aft LH		MC106-524051-7	Rudder LH	Note 2
MCNAS31237-0204	Elevator Tab	Note 1	MCNAS30426-0603	Aileron		MC131378-25CL	Connecting Link 25-1	Note 1
MCNAS31237-0284	Elevator Tab	Note 6	MCNAS30433-0247	Rudder	Note 3	MC35-524314-12	Aileron Fuselage	Note 1
MCNAS31237-0520	Elevator Tab	Note 7	MCNAS30433-0255	Rudder Aft	Note 4	MC36-521011-1	Aileron Aft	Note 3
MCNAS31237-0534	Elevator Tab	Note 3	MCNAS30435-2087	Elevator	Note 5	MC36-521011-3	Aileron Fwd	Note 3
MCNAS31237-0790	Elevator	Note 2	MCNAS30436-0197	Elevator Aft		MC36-524000-23	Elevator Fwd	Note 4
Note 1: CE-678 thru CE-1791			MCNAS30466-0173	Aileron		MC36-524000-29	Elevator Tab RH	Note 4
Note 2: CE-290 thru CE-315			MCNAS31414-1871	Rudder Fwd	Note 4	MC36-524000-31	Elevator Tab LH	Note 4
Note 3: CE-316 thru CE-510			MCNAS31514-1871	Rudder Fwd	Note 3	MC36-524000-65	Elevator Tab RH	Note 5
Note 4: CE-316 thru CE-1791						MC36-524000-67	Elevator Tab RH	Note 5
Note 5: CE-290 thru CE-510						Continues on next page		
Note 6: CE-511 thru CE-677						Partial model eligibility		
Note 7: CE-511 thru CE-1791						Cable/Chain Assembly		



Flight Control System

Flight Control Cables - Beechcraft

McFarlane
FAA-PMA Approved

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Part Number	Location	
MC36-524000-69	Elevator Tab LH	Note 5
MC36-524000-71	Elevator Tab LH	Note 5
MC36-524000-73	Elevator Tab LH	Note 5
MC45-526011-7	Chain, Trim Control	Note 1
MCNAS30422-0255	Aileron	Note 4
MCNAS30426-0703	Aileron LH	Note 6
MCNAS30426-1064	Aileron LH	Note 7
MCNAS30434-1624	Elevator Up	Note 4
MCNAS30435-0564	Elevator	Note 4
MCNAS30435-1421	Rudder Fwd LH & RH	Note 8
MCNAS30435-1425	Rudder Fwd LH & RH	Note 9
MCNAS30435-1696	Rudder Fwd RH	Note 10
MCNAS30435-1703	Rudder Fwd LH	Note 10
MCNAS30466-0173	Aileron	Note 6
MCNAS30537-0647	Aileron Aft	Note 11
MCNAS30537-0667	Aileron Fwd	Note 11
MCNAS30566-1035	Aileron	Note 7
MCNAS31237-0204	Elevator Tab	Note 1
MCNAS31237-0284	Elevator Tab	Note 12
MCNAS31237-0520	Elevator Tab	Note 10
MCNAS31237-0534	Elevator Tab	Note 13

Note 1: E-938 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 2: E-1946, E-2104, E-2111 thru E-3635

Note 3: E-185 thru E-571, E-926 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 4: E-185 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 5: E-1946, E-2104, E-2111 thru E-3629, E-3631 thru E-3635

Note 6: E-185 thru E-925

Note 7: E-926 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 8: E-302 thru E-571

Note 9: E-185 thru E-301

Note 10: E-572 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 11: E-185 thru E-571, E-926 thru E-1945, E-1947 thru E-2103, E-2105 thru E-2110

Note 12: E-572 thru E-937

Note 13: E-185 thru E-571

Model 36 Bonanza

A36TC

Part Number	Location	
MC002-524028-21	Elevator Tab	Note 2
MC002-524028-25	Elevator Tab	
MC002-524028-9	Elevator Tab	
MC131378-25CL	Connecting Link 25-1	
MC35-524314-12	Aileron Fuselage	Note 2
MC36-521011-1	Aileron Aft	
MC36-521011-3	Aileron Fwd	
MC36-524000-23	Elevator Fwd	
MC36-524000-29	Elevator Tab RH	Note 2
MC36-524000-31	Elevator Tab LH	Note 2
MC45-526011-7	Chain, Trim Control	
MCNAS30422-0255	Aileron	
MCNAS30426-1064	Aileron LH	
MCNAS30434-1624	Elevator Up	
MCNAS30435-0564	Elevator	
MCNAS30435-1696	Rudder Fwd RH	
MCNAS30435-1703	Rudder Fwd LH	
MCNAS30537-0647	Aileron Aft	
MCNAS30537-0667	Aileron Fwd	
MCNAS30566-1035	Aileron	
MCNAS31237-0204	Elevator Tab	
MCNAS31237-0520	Elevator Tab	

Model 36 Bonanza

B36TC (EA-242, EA-273 thru EA-388 except EA-320)

Part Number	Location	
MC002-524028-21	Elevator Tab	Note 2
MC002-524028-25	Elevator Tab	
MC002-524028-9	Elevator Tab	
MC131378-25CL	Connecting Link 25-1	
MC35-524314-12	Aileron Fuselage	Note 2
MC36-521011-1	Aileron Aft	
MC36-521011-3	Aileron Fwd	
MC36-524000-23	Elevator Fwd	
MC36-524000-29	Elevator Tab RH	Note 2
MC36-524000-31	Elevator Tab LH	Note 2
MC45-526011-7	Chain, Trim Control	
MCNAS30422-0255	Aileron	
MCNAS30426-1064	Aileron LH	
MCNAS30434-1624	Elevator Up	
MCNAS30435-0564	Elevator	
MCNAS30435-1696	Rudder Fwd RH	
MCNAS30435-1703	Rudder Fwd LH	
MCNAS30537-0647	Aileron Aft	
MCNAS30537-0667	Aileron Fwd	

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Part Number	Location	
MCNAS30566-1035	Aileron	Note 1
MCNAS31237-0204	Elevator Tab	Note 1
MCNAS31237-0520	Elevator Tab	Note 1

Note 1: Not required for s/n EA-242.

Model 36 Bonanza

B36TC (EA-320, EA-389 and On), G36

Part Number	Location	
MC106-524019-47	Aileron Tab	Note 2
MC106-524019-55	Aileron Tab	
MC106-524019-63	Aileron Tab	
MC106-524019-9	Chain, Trim Control	
MC106-524020-57	Elevator Tab	Note 2
MC106-524020-7	Chain, Trim Control	
MC106-524020-73	Elevator Tab	
MC106-524020-77	Chain, Elevator Tab	
MC106-524031-1	Aileron Tab	Note 2
MC106-524031-11	Aileron Tab	
MC106-524031-9	Aileron Tab	Note 2
MC106-524043-11	Aileron Aft LH	
MC106-524043-5	Aileron Aft RH	
MC106-524043-7	Aileron Fwd LH & RH	
MC106-524044-19	Aileron	
MC106-524044-3	Aileron	
MC106-524045-5	Aileron	
MC106-524046-7	Elevator Tab Nose Down	
MC106-524046-9	Elevator Tab Nose Up	
MC106-524049-1	Elevator Up Fwd	
MC106-524049-9	Elevator Down Fwd	
MC106-524050-1	Elevator Up Aft	
MC106-524050-3	Elevator Down Aft	
MC106-524051-5	Rudder RH	
MC106-524051-7	Rudder LH	
MC131378-25CL	Connecting Link 25-1	
MC36-524000-63	Elevator Tab RH	Note 2
MC36-524000-65	Elevator Tab RH	
MC36-524000-67	Elevator Tab RH	
MC36-524000-69	Elevator Tab LH	Note 2
MC36-524000-71	Elevator Tab LH	
MC36-524000-73	Elevator Tab LH	

Model 50 Twin Bonanza

D50 (DH-144 thru DH-154), D50B, D50C, D50E, E50, F50, H50, J50, G50 (GH-95 thru GH-119)

Part Number	Location	
MCNAS30635-1172	Aileron	

Model 55

95-55, 95-A55

Part Number	Location	
MCNAS30435-0564	Elevator	
MCNAS30444-3507	Elevator	
MCNAS30534-0652	Aileron Fwd	
MCNAS30534-1594	Rudder Fwd RH	
MCNAS30534-1600	Rudder Fwd LH	
MCNAS305-35-0672	Cable	
MCNAS30555-1043	Aileron	
MCNAS31237-0302	Elevator Tab Down	
MCNAS31237-0323	Elevator Tab Up	

Model 55

95-B55

Part Number	Location	
MCNAS30277-4040	Rudder Tab	Note 1
MCNAS30435-0564	Elevator	Note 2
MCNAS30435-0568	Elevator Aft	Note 3
MCNAS30435-0570	Elevator Aft	Note 4
MCNAS30444-3507	Elevator	Note 5
MCNAS30534-0652	Aileron Fwd	
MCNAS30534-1594	Rudder Fwd RH	
MCNAS30534-1600	Rudder Fwd LH	
MCNAS305-35-0672	Cable	
MCNAS30555-1043	Aileron	
MCNAS31237-0222	Elevator Trim	Note 6
MCNAS31237-0302	Elevator Tab Down	Note 7
MCNAS31237-0323	Elevator Tab Up	

Note 1: TC-1608 thru TC-2456

Note 2: TC-371 thru TC-2404

Note 3: TC-2405 thru TC-2430

Note 4: TC-2431 thru TC-2456

Note 5: TC-371 thru TC-1607

Note 6: TC-2024 thru TC-2456

Note 7: TC-371 thru TC-2023

Model 55

95-C55

Part Number	Location	
MCNAS30435-0564	Elevator	Note 1
MCNAS30444-3511	Elevator	
MCNAS30534-0652	Aileron Fwd	Note 1
MCNAS30534-1594	Rudder Fwd RH	Note 1
MCNAS30534-1600	Rudder Fwd LH	Note 1
MCNAS305-35-0672	Cable	Note 1
MCNAS30555-1043	Aileron	

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Part Number	Location	
MCNAS31237-0302	Elevator Tab Down	
MCNAS31237-0323	Elevator Tab Up	

Note 1: Not required for s/n TC-350.

Model 55

D55

Part Number	Location	
MCNAS30435-0564	Elevator	
MCNAS30444-3511	Elevator	
MCNAS30534-0652	Aileron Fwd	
MCNAS305-35-0672	Cable	
MCNAS30534-1594	Rudder Fwd RH	
MCNAS30534-1600	Rudder Fwd LH	
MCNAS30555-1043	Aileron	
MCNAS31237-0302	Elevator Tab Down	
MCNAS31237-0323	Elevator Tab Up	
MCNAS31237-0843	Electric Trim	Note 1

Note 1: TE-633 thru TE-76

Model 55

E55

Part Number	Location	
MCNAS30277-4040	Rudder Tab	Note 1
MCNAS30435-0564	Elevator	Note 2
MCNAS30435-0568	Elevator Aft	Note 3
MCNAS30435-0570	Elevator Aft	Note 4
MCNAS30444-3511	Elevator	Note 5
MCNAS30534-0652	Aileron Fwd	
MCNAS30534-1594	Rudder Fwd RH	
MCNAS30534-1600	Rudder Fwd LH	
MCNAS305-35-0672	Cable	
MCNAS30555-1043	Aileron	
MCNAS31237-0222	Elevator Trim	Note 6
MCNAS31237-0302	Elevator Tab Down	Note 7
MCNAS31237-0323	Elevator Tab Up	
MCNAS31237-0843	Electric Trim	

Note 1: TE-938, TE-943 thru TE-1201

Note 2: TE-768 thru TE-1192

Note 3: TE-1193 thru TE-1196

Note 4: TE-1197 thru TE-1201

Note 5: TE-768 thru TE-937, TE-939 thru TE-942

Note 6: TE-1087 thru TE-1201

Note 7: TE-768 thru TE-1086

Model 56 Baron

56TC, A56TC

Part Number	Location	
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MCNAS30277-4040	Rudder Tab	
MCNAS30435-0564	Elevator	
MCNAS30534-0652	Aileron Fwd	
MCNAS305-35-0672	Cable	
MCNAS30555-1043	Aileron	
MCNAS31237-0302	Elevator Tab Down	
MCNAS31237-0342	Elevator Tab Up	

Model 58 Baron

58

Part Number	Location	
MC106-524049-1	Elevator Up Fwd	Note 1
MC106-524049-9	Elevator Down Fwd	Note 1
MC106-524050-1	Elevator Up Aft	Note 1
MC106-524050-3	Elevator Down Aft	Note 1
MCNAS30277-4240	Rudder Tab	Note 2
MCNAS30435-0564	Elevator	Note 3
MCNAS30435-0568	Elevator Aft	Note 4
MCNAS30435-0570	Elevator Aft	Note 5
MCNAS30534-0652	Aileron Fwd	Note 2
MCNAS30534-1696	Rudder RH	Note 2
MCNAS30534-1703	Rudder LH	Note 2
MCNAS305-35-0672	Cable	Note 2
MCNAS30555-1043	Aileron	Note 2
MCNAS31237-0222	Elevator Trim	Note 6
MCNAS31237-0302	Elevator Tab Down	Note 7
MCNAS31237-0523	Elevator Trim Up	Note 2
MCNAS31237-0843	Electric Trim	

Note 1: TH-1389, TH-1396 thru TH-2124

Note 2: TH-1 thru TH-1388, TH-1390 thru TH-1395

Note 3: TH-1 thru TH-1274

Note 4: TH-1275 thru TH-1314

Note 5: TH-1315 thru TH-1388, TH-1390 thru TH-1395

Note 6: TH-790 thru TH-1388, TH-1390 thru TH-1395

Note 7: TH-1 thru TH-789

Model 58 Baron

58P

Part Number	Location	
MC106-524049-1	Elevator Up Fwd	Note 1
MC106-524049-9	Elevator Down Fwd	Note 1
MCNAS30435-0564	Elevator	Note 2
MCNAS30534-1696	Rudder RH	Note 2
MCNAS30534-1703	Rudder LH	Note 2
MCNAS30555-1043	Aileron	Note 2

Note 1: TJ-436, TJ-444 thru TJ-497

Note 2: TJ-3 thru TJ-435, TJ-437 thru TJ-443

Partial model eligibility

Cable/Chain Assembly

To Order Call Goulet Aircraft Supply Ltd. @ 1-204-783-8512

Flight Control System

Flight Control Cables - Beechcraft



Model 58 Baron 58TC		
Part Number	Location	
MC106-524049-1	Elevator Up Fwd	Note 1
MC106-524049-9	Elevator Down Fwd	Note 1
MCNAS30277-4240	Rudder Tab	Note 2
MCNAS30435-0564	Elevator	Note 3
MCNAS30534-1696	Rudder RH	Note 3
MCNAS30534-1703	Rudder LH	Note 4
MCNAS30555-1043	Aileron	Note 4
Note 1: TK-147, TK-151 Note 2: TK-53 thru TK-146, TK-148 thru TK-150 Note 3: Not required for s/n TK-151. Note 4: Not required for s/n TK-147 or TK-151.		
Model 60 Duke B60		
MCNAS30534-0652	Aileron Fwd	
MCNAS305-35-0672	Cable	
Model 76 Duchess 76		
MCNAS31424-1152	Stabilator	
MCNAS31424-1242	Rudder Fwd RH	
MCNAS31425-1220	Rudder Fwd LH	
MCNAS31425-1411	Stabilator/Elevator Fwd	
Model 90 King Air 65-90, 65-A90, C90, C90A, C90B (LJ-1288 thru LJ-1305, LJ-1307 thru LJ-1315, LJ-1317, LJ-1319, LJ-1367 thru LJ-1755), C90GT, E90		
MCNAS30635-1172	Aileron	
Model 90 King Air F90		
Part Number	Location	
MCNAS30266-1814	Elevator Tab	
MCNAS30277-1700	Elevator Tab	
MCNAS30635-1172	Aileron	
Model 100 King Air 100, A100, B100		
Part Number	Location	
MC99-524015	Aileron Tab	
MCNAS30635-1172	Aileron	
Model 200 King Air 200, 200C, 200CT, 200T (All except BT-28), B200, B200C, B200CT, B200T		
Part Number	Location	
MC101-524088-1	Aileron Tab	
MC1781-1	Elevator Tab	Note 1, 2
MCNAS30266-1814	Elevator Tab	
MCNAS30277-1700	Elevator Tab	Note 2
MCNAS30635-1172	Aileron	
Note 1: Replaces: (1) NAS302-67-6643 Cable, (2) 35-524288 Stop Screw, (2) 35-524287 Stop Nut. Note 2: Model 200 s/n BB-39 thru BB-912.		
Model 300 King Air 300, 300LW		
Part Number	Location	
MCNAS30266-1814	Elevator Tab	
MCNAS30267-6643	Elevator Tab	
MCNAS30277-1700	Elevator Tab	
MCNAS30624-1176	Aileron	
MCNAS30635-1172	Aileron	
Model 300 King Air B300, B300C (All except FN-1)		
Part Number	Location	
MC101-524088-1	Aileron Tab	
MCNAS30266-1814	Elevator Tab	
MCNAS30277-1700	Elevator Tab	
MCNAS30624-1176	Aileron	
MCNAS30635-1172	Aileron	
Model 1900 Airliner 1900, 1900C (UB-1 thru UB-74)		
Part Number	Location	
MCNAS30266-1312	Elevator Tab	
MCNAS30277-1307	Elevator	
MCNAS30624-1176	Aileron	
MCNAS30635-1172	Aileron	
Model 45 and T-34 A45 (T-34A), D45 (T-34B)		
Part Number	Location	
MCNAS305-34-0640	Aileron	
MCNAS305-35-0672	Aileron	
MCNAS305-25-0546	Aileron	
MCNAS305-35-0546	Aileron	
MCNAS305-24-0514	Aileron	
MCNAS305-34-0514	Aileron	
MCNAS305-34-0826	Elevator	Note 2
MCNAS305-35-0576	Elevator	
MCNAS305-34-0996	Elevator	Note 2
MCNAS305-35-0564	Elevator Aft	
MCNAS305-34-1010	Elevator Fwd	Note 1

Continued from previous column		
Part Number	Location	
MCNAS305-34-0840	Elevator Fwd	Note 1
MCNAS304-34-1271	Rudder	
MCNAS304-35-0712	Rudder	
MCNAS304-33-0311	Rudder	Note 3
MCNAS304-34-1116	Rudder	Note 3
Note 1: For model A45 (T-34A) only. Note 2: For model D45 (T-34B) only. Note 3: For aircraft with Beechcraft Kit 45-322A installed.		
Model T-34 T-34C, 34C, T-34C-1		
Part Number	Location	
MCNAS305-34-0640	Aileron	
MCNAS305-35-0672	Aileron	
MCNAS305-25-0546	Aileron	Note 1
MCNAS305-35-0546	Aileron	Note 1
MCNAS305-24-0514	Aileron	Note 1
MCNAS305-34-0514	Aileron	Note 1
MC104-524023-3	Aileron Trim	
MC104-524023-5	Aileron Trim	
MCNAS305-35-0996	Elevator	
MCNAS305-34-0826	Elevator	
MCNAS305-34-0564	Elevator	
MCNAS305-35-0576	Elevator	
MC104-524020-9	Elevator Trim	
MC104-524020-11	Elevator Trim	
MC104-524046-3	Elevator Trim	
MC104-524046-5	Elevator Trim	
MC104-524021-3	Rudder Trim	
MC104-524021-5	Rudder Trim	
MC104-524022-3	Rudder Trim	
MC104-524022-7	Rudder Trim	
Note 1: For model T-34C only.		
Partial model eligibility		

General Beechcraft Cable Notes:
Corrosion Protection
All Beechcraft cables are made from galvanized steel cable and coated with a modified MIL-PRF-16173 compound. This is the same process used on Beechcraft original cables. It provides additional corrosion protection beyond the standard MIL-SPEC rust preventive oil. This provides both exceptional wear resistance and corrosion protection for many years.

MC6057 Cable Stop

- Improved for more consistent holding strength.
- Used on the assist step cable on 35, A35 and C35 Beech Bonanzas.
- One McFarlane MC6057 cable stop replaces both Beechcraft 35-524287 nut and 35-524288 screw part numbers.
- Also included on select cable assemblies as required.

Rudder Pedals for Cessna Aircraft

Completely New Rudder Pedal Part Number AP2000-01

- Less money and longer life!
- Bronze bushings at the pivot points resist wear and vibration for longer pedal life.
- Precision cast heat treated aluminum alloy.
- Powder coat finish for durability and corrosion protection.
- FAA-PMA direct replacement for Cessna P/N1460320-1.



Bronze bushings for a longer life!

Manufactured by Alexander Productions

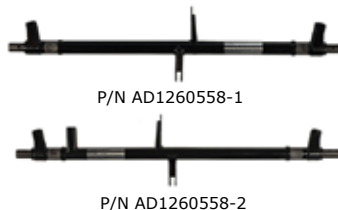
Rudder Pedal Bar

Avoid risk of costly damage during assembly

P/Ns AD1260558-1 (LH) and AD1260558-2 (RH)

Each bar includes 2 ea. P/N S1003-43A bearings and 1 ea. P/N 1260419-1 tube pre-assembled. This avoids damage commonly caused while pressing the bearings during installation.

FAA-PMA



New!

Rudder Pedal Shaft

P/N AD0411778-2

FAA-PMA

1/2 of Cessna Price!



New!

Aircraft Model

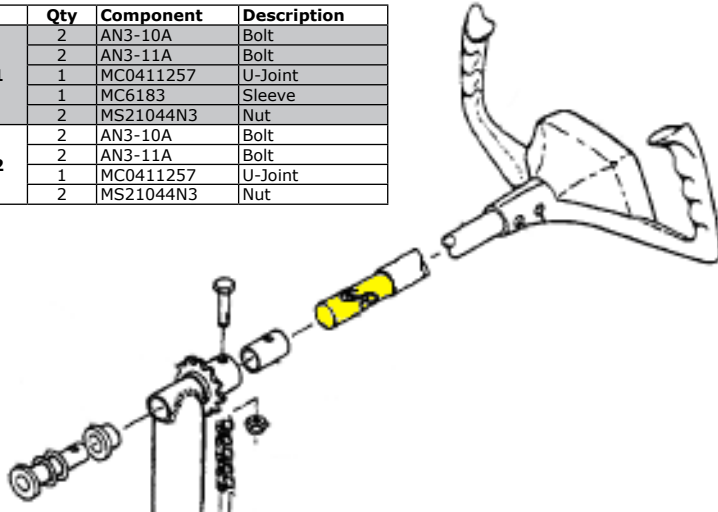
140A
150, 150A, F150, FA150
152, A152, F152, FA152
170, 170A, B
172, 172A, B, C, D, E, F, G, H, I, J, K, L, M, N, P
F172D, E, F, G, H, I, J, K, L, M, N, P
172RG, P172, R172E, F, G, H, K, FP172, FR172
175, 175A, B
180, 180A, B, C, D, E, F, G, H, J, K
182, 182A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R
A182, F182, FR182, R182, TR182
185, 185A, B, C, D, E, A185E, F
190, 190A, 195, 195A, B
210-5 (205), 210-5A (205A)
206, U206G, TU206G
206H, T206H
207A, T207A
210M, N, R, T210M, N, R, P210

Control Yoke Universal Joint and Protective Sleeve for Cessna Aircraft

Save over 35%

- Eliminates slack for precise and responsive control.
- Replace worn or corroded joints.
- Available separately or in convenient kits.

Kit P/N	Qty	Component	Description
UJC-KT-1	2	AN3-10A	Bolt
	2	AN3-11A	Bolt
	1	MC0411257	U-Joint
	1	MC6183	Sleeve
UJC-KT-2	2	MS21044N3	Nut
	2	AN3-10A	Bolt
	2	AN3-11A	Bolt
	1	MC0411257	U-Joint
	2	MS21044N3	Nut



Aileron Bellcrank Bushing

P/N MC0422280

- Use on all single engine Cessna
- High strength alloy steel
- Replace when replacing aileron cables
- 4 each included in all applicable Cessna cable kits



Hardware

Over 100 certified aircraft control cable hardware part numbers in STOCK at discounted prices!!

Balls, BM Series
 Balls, Single Shank, MS20664 Series
 Balls, Double Shank, MS20663 Series
 Barrels, Brass, MS21251 Series
 Bushings, AN111 Series
 Locking Clips, MS21256 Series
 Shackles, AN115 Series
 Sleeves, Tin and Zinc, MS51844 Series
 Straps, Eye and Fork NAS1435 Series
 Terminals, Eye, MS20668 Series
 Terminals, Fork, MS20667 Series
 Terminals, Stud, MS21259 Series
 Terminals, Turnbuckle MS21260 Series
 Thimbles, AN100 Series
 Turnbuckles, Clevis End, MS21252 Series
 Turnbuckles, Eye end for Pin, MS21254 Series
 Turnbuckles, Eye end for wire rope, MS21255 Series
 Special Terminals



McFarlane now manufactures NAS1435 and DOD QPL-781 qualified terminals

Bulk Cable

Great prices on galvanized or stainless steel!

All cable meets MIL-DTL-83420 certification. Manufacturer certification is provided with every order.

- Direct mill purchases let us sell for less!
- Prepackaged in 100 and 500 foot lengths.
- Custom lengths available.

Diameter	Cable	Galvanized	Stainless
1/16	1X19	•	
	7X7	•	•
	7X19	•	•
1/8	1X19	•	
	7X19	•	•
1/4	7X19	•	•
	1X19	•	
3/32	7X7	•	•
	7X19	•	•
3/16	7X19	•	•
	7X19	•	•
5/32	7X19	•	•
	7X19	•	•
5/16	7X19	•	•
	7X19	•	•



Model	Serial Number	P/N
120, 140, 140A	All	UJC-KT-2
150	All	UJC-KT-2
150A,B,C,D,E,F,G,H,I,J,K,L,M A150K,L,M, F150F,G,H,I,J,K,L,M FA150K,L,M, FRA150L,M	All	UJC-KT-1
152, A152, F152, FA152	All	UJC-KT-1
170, 170A,B,	All	UJC-KT-2
172, 172A,B,C,D, F172D, FP172, P172D	All	UJC-KT-2
172E,F,G,H,I,J,K,L,M,N,P,Q,R,S, T-41A, 172RG, F172E,F,G,H,I,J,K,L,M,N,P FR172E,F,G,H,I,J,K, R172K	All	UJC-KT-1
R172E,F,G,H	All	UJC-KT-2
175, 175A,B,C	All	UJC-KT-2
180, 180A,B,C,D,E,F,G	All	UJC-KT-2
180H	18051446 thru 18052089	UJC-KT-2
	18052090 thru 18052284	UJC-KT-1
	18052285 thru 18052384	UJC-KT-2
	18052385 thru 18052770	UJC-KT-1
180K	All	UJC-KT-2
182, 182A,B,C,D	All	UJC-KT-2
185, 185A,B,C,D,E	All	UJC-KT-2
A185E	185-0968 thru 185-1570	UJC-KT-2
	185-1571 thru 18502090	UJC-KT-1
A185F	18502091 thru 18502310 except 18502300	UJC-KT-2
	18502311 thru 18504448 and 18502300	UJC-KT-1
210, 210A	All	UJC-KT-2



Custom Fabricated Cables

DOD certified custom cable assemblies can be fabricated to specification MIL-DTL-6117, or certified to your special specifications.

- Pre-stretched and proof loaded to MIL-DTL-5688.
- Manufactured using the same materials and attention to quality as our FAA-PMA products. We cannot provide FAA-PMA approval for custom cables.
- Pricing is based on material usage determined upon receipt of specifications or a pattern. Our sales team can provide a quote at that time.
- One to three day service for most orders.
- We are a DOD QML-6117 certified cable supplier

Download custom forms at <http://www.mcfarlaneaviation.com/Reference> or call to have one faxed.

Parking Brake Cables

for Cessna Aircraft

Don't forget to replace worn out parking brake cables!

Locate your make, model and serial number on the previous pages to find the correct part number for your aircraft.

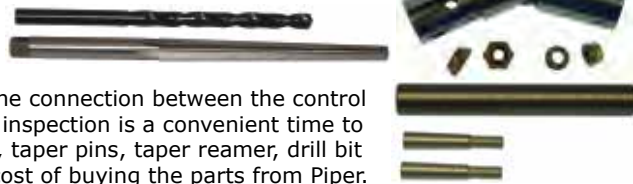


Control Yoke Universal Joint Kits for Piper Aircraft Helps comply with AD 2010-15-10

Save over 60% off Piper price. Just our reamer saves you \$100 !!

- Individual parts also available separately.
- Eliminates free motion for precise and responsive control.
- Replace worn or corroded joints.

AD 2010-15-10 and Piper service bulletin 1197C requires inspection of the connection between the control yoke u-joint and the shaft on the forward (engine) end of the joint. This inspection is a convenient time to replace worn out u-joints. McFarlane has kits including the u-joint, shaft, taper pins, taper reamer, drill bit and other hardware to help comply with this AD, all at a fraction of the cost of buying the parts from Piper.



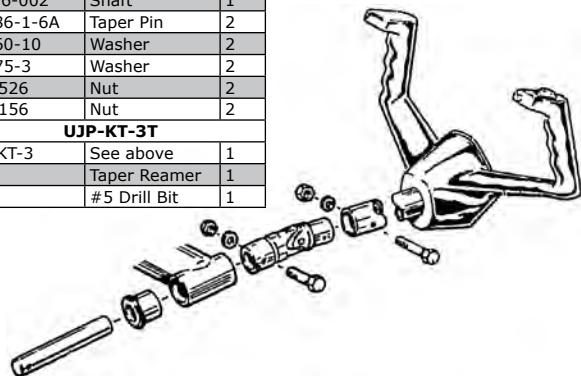
Universal Joint Kits for Piper Aircraft			
Model	Serial Number	Left (Pilot)	Right (Copilot)
PA-28-140	28-20001 thru 28-20160	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28-140	28-20161 thru 28-21845	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-140	28-21846 thru 28-21930	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-140	28-21931 thru 28-21934	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-140	28-21935 thru 28-25400	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-140	28-25401 thru 28-7725290	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-150	28-1 thru 28-1760, 28-03, 28-1760A	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28-150	28-1761 thru 28-3377	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-150	28-3378 thru 28-4377	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-151	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-160	28-1 thru 28-1760, 28-03, 28-1760A	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28-160	28-1761 thru 28-3377	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-160	28-3378 thru 28-4377	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-161	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-180	28-671 thru 28-1760, 28-03	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28-180	28-1761 thru 28-3377	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-180	28-3378 thru 28-4377	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-180	28-4378 thru 28-7505260, 28-E13	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-181	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-201T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-235	28-10001 thru 28-10486	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28-235	28-10487 thru 28-10719	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28-235	28-10720 thru 28-11039	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28-235	28-11040 thru 28-7710089, 28E-11	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28-236	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28R-180	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28R-200,201	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28R-201T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28RT-201	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28RT-201T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-28S-160	28-1 thru 28-1760, 28-1760A	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28S-180	28-671 thru 28-1760	UJP-KT-3 or 3T	UJP-KT-5 or 5T
PA-28S-180	28-1761 thru 28-3377	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-28S-180	28-3378 thru 28-4377	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-28S-180	28-4378 thru 28-7105234	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32-260	32-1 thru 32-600, 32-03, 32-04	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-32-260	32-601 thru 32-690	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-32-260	32-691 thru 32-7800008	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32-300	32-15, 32-21	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-32-300	32-40000 thru 32-40415	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-32-300	32-40416 thru 32-7940290	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32-301	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32-301T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32R-300	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32R-301,301T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32RT-300	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32RT-300T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-32S-300	32S-15	UJP-KT-4 or 4T	UJP-KT-5 or 5T
PA-32S-300	32S-40000 thru 32S-40415	UJP-KT-1 or 1T	UJP-KT-2 or 2T
PA-32S-300	32S-40416 thru 32S-7240137	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-34-200,200T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-34-220T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T
PA-44-180,180T	All	UJP-KT-2 or 2T	UJP-KT-2 or 2T

Partial model eligibility

New! CA62834-000 - Save over \$250

Part Number	Description	Qty
UJP-KT-1		
CA62834-802	Universal Joint	1
62716-006	Shaft	1
AN386-1-6A	Taper Pin	2
AN960-10	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-1T		
UJP-KT-1	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-2		
CA62834-802	Universal Joint	1
62716-007	Shaft	1
AN386-1-6A	Taper Pin	2
AN960-10	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-2T		
UJP-KT-2	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-3		
CA62834-000	Universal Joint	1
62716-002	Shaft	1
AN386-1-6A	Taper Pin	2
AN960-10	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-3T		
UJP-KT-3	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1

Part Number	Description	Qty
UJP-KT-4		
CA62834-000	Universal Joint	1
62716-004	Shaft	1
AN386-1-6A	Taper Pin	2
AN960-10	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-4T		
UJP-KT-4	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1
UJP-KT-5		
CA62834-000	Universal Joint	1
62716-007	Shaft	1
AN386-1-6A	Taper Pin	2
AN960-10	Washer	2
AN975-3	Washer	2
404-526	Nut	2
404-156	Nut	2
UJP-KT-5T		
UJP-KT-5	See above	1
6532	Taper Reamer	1
6533	#5 Drill Bit	1



Maintenance Tip:

How do I know if my universal joint needs to be replaced?

A universal joint attaches to each control yoke shaft behind the instrument panel. Replacement of the universal joint is required if any free motion or rust around the joint pivots is detected or if the joint fails inspection required by AD 2010-15-10.

What can I do if I cannot separate the shaft from the universal joint?

We can help! McFarlane offers a service to remove stuck shafts. Call for details.

U-Joint Taper Pin Removal Tool

Part number TOOL107

- Save time and money.
- Makes removal of stuck pins easy.
- Prevents damage from hammering behind the panel.
- Compact to get in tight places.
- Heat treated 4140 Alloy Steel.



Witness Hole Drill Fixture

Piper part number 766-585

A convenient tool to drill a witness hole in Piper universal joints per Piper service bulletin 1197C.

Saves time! Avoids disassembly of U-joint and shaft.



Stabilator Trim Kits for Piper Aircraft

Save time and money with convenient kits!

- Shafts and barrels manufactured by PMA Products, Inc.
- Bearing manufactured by Piper

Model	Part Number
PA28-140, 150, 151, 160, 161, 180, 181	PSTAB-KT-1
PA28-235, 236	PSTAB-KT-1
PA28-201T S/N 28-7921001 to 28-7921095	PSTAB-KT-1
PA28R-180, 200, 201, 201T	PSTAB-KT-1
PA32, PA32R	PSTAB-KT-1
PA34-200 S/N 34-7350185 and up	PSTAB-KT-2
PA34-200T, PA34-220T	PSTAB-KT-2

PSTAB-KT-1 Contains

- (1) CA65246-100 Trim Shaft (includes instructions and STC)
- (1) CA63530-100 Trim Barrel (includes instructions and STC)
- (2) 452-413 Bearing

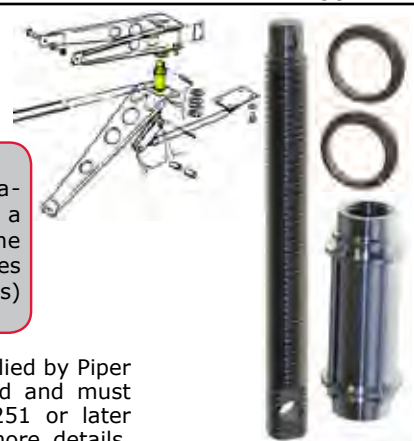
PSTAB-KT-2 Contains

- (1) CA65246-002 Trim Shaft
- (1) CA96596-002 Trim Barrel
- (2) 452-413 Bearing

Maintenance Tip:

When replacing the stabilator trim barrel, it is normally a good time to also replace the stabilator trim cables. See pages 89-93 to find the correct cable(s) for your aircraft.

Note: Some trim barrels supplied by Piper were incorrectly manufactured and must be replaced. See Piper SB1251 or later revised service bulletin for more details. This service bulletin is not applicable to P/N CA63530-100 manufactured by PMA Products, Inc., however P/N CA63530-100 may be used to replace trim barrels affected by the service bulletin.



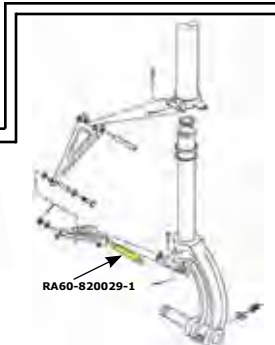
Tow Pin for Beechcraft Aircraft

Part Number RA60-820029-1

Eligible model series:

35-A33,35-B33,35-C33,35-C33A,E33,F33,G33,E33A,F33A,F33C,N35,P35,S35,V35,V35A,V35B,36,A36,A36TC,B36TC,95-55,95-A55,95-B55,95-C55,D55,E55,58,56TC,A56TC,58TC,58P,B60

Manufactured by Rapco



Stabilizer Jack Screw Actuator Kit for Cessna 180, 182 and 185 Aircraft

Improved Material for Extreme Corrosion Resistance

McFarlane replaces the original steel components with duplex stainless steel (even better than Monel) components for a long life even in a harsh saltwater environment.

Improved Bearing

Precision bearing reduces free play and features extra low temperature grease for easy turning at low temperatures.

Improved Strength and Reliability

The original Cessna actuators use a 3/32" roll pin to attach the sprockets and retaining collars to the screw bars. These pins are critical as the front of the stabilizer would detach from the airframe if they failed. Although the original roll pins are technically strong enough, the original design is marginal in strength. To provide a more robust design, McFarlane redesigned the sprocket and retaining collar to allow the use of a 5/32" roll pin. This more than doubles the strength of the design. The screw and barrel are match machined for a precision fit.

Convenient Kit

Stabilizer jack-screw kit part number 1111 is an FAA-PMA/STC approved kit to replace all wear components for the stabilizer actuator assemblies for many Cessna 180, 180A-K, 182, 182A-D, 185, 185A-E, A185E-F aircraft. Part number 1111 includes all parts required to replace the following Cessna parts in both the left-hand and right-hand actuators:

- 0310332 Sprocket
- 0712500-11 Screw-Bar
- 0712500-13 Barrel
- 0712500-7 Collar-Retainer
- 0712502 Bushing Eccentric
- 0712500-10 Bushing
- MS20201KP6A or AN201KP6A Bearing
- NAS561-3-8 Roll Pin
- 0432138-3 or S2295-25-185 Chain
- 0712500-19 Plug

Replacement Components

Part number 1111 contains the following replacement components:

- 6463 Stainless Steel Roller Chain
- 6464 Connecting Link
- 6458 Eccentric Upper Bushing
- 6459 Lower Bushing
- 6460 Bearing
- 6461 Spring Pin (can only be used as a replacement with McFarlane P/N 1111)

Trim Actuator Boot - P/N U0712500-18 available separately



Maintenance Tip:

If the stabilizer is sluggish or jams, clean the barrel and screw jack and re-apply a coating of MIL-PRF-23827 low temperature grease. Complete instructions can be found at www.mcfarlaneaviation.com/ICA

Pulleys and Pulley Kits for Cessna Aircraft

McFarlane stocks all pulleys required for Cessna single engine aircraft. Our MCS378 series pulleys replace the AN, NAS and S378 series pulleys commonly used on the Cessna aircraft. Pulley kits are available that contain all of the pulleys and cotter pins required for one aircraft.

Improved Bearings

All MCS378 series FAA-PMA pulleys used in McFarlane pulley kits feature high quality sealed precision ball bearings. This style of bearing is far superior to low grade, open seal bearings used in the cheap Cessna S378-(L) light duty series pulleys that they replace.

Available Pulley Part Numbers

1660433-1, 1660433-2, AN210-1B, AN210-2B, AN210-3B, AN210-4B, AN210-5B, AN220-1, AN220-2, AN220-3, AN220-4, MCS378-1, MCS378-2, MCS378-3, MCS378-4, MCS378-5, MS20219-1, MS20219-2, MS20219-3, MS20219-4, MS20219-5, MS20219A1, MS20219A2, MS20219A3, MS20219A4, MS20219A5, MS20220-1, MS20220-2, MS20220-3, MS20220-4, MS24566-1B, MS24566-2B, MS24566-3B, MS24566-4B, MS24566-5B, NAS383-1, NAS383-2, NAS383-3, NAS383-4, S1052-1, S1710-1, S378-4S, S394



McFarlane Pulley Oil does not dry out and get sticky. See page 200

Approved Replacements for Cessna Pulleys

Cessna Model/Series	Part Number*	Replaces Cessna Part Number*
120,140,140A,150,A-150, F150,FA150,FRA150,152,A152,F152,FA152,170,172,F172, FR172, 172RG,FP172,P172,R172,175,177,177RG,F177RG,180,182,A182,F182,FR182,R182, TR182,T182,185,A185,188, A188,A-188,T188,205,206,P206,TU206,T206,TP206,U206,207, T207,208,210,P210,T210,T303,310,T310,320,335,336,337,F337,P337,FP-337,T337,O-2, 340,401,402,404,411,414,421,425,441,500,501	MCS378-1	S378-1 and S378-1L
	MCS378-2	S378-2, A124, AN210-2B and NAS383-2
	MCS378-3	S378-3, S378-3L, A130, AN210-3B, BB-208 and NAS383-3
	MCS378-4	S378-4, A114, AN210-4B and NAS383-4
	MCS378-5	S378-5

*Replaces the listed Cessna part numbers in the specific aircraft illustrated parts catalogs. Installer must verify applicability prior to installation.

Available Cotter Pin Part Numbers

MS24665-132, MS24665-134, MS24665-138, MS24665-140, MS24665-143, MS24665-144, MS24665-155, MS24665-170, MS24665-24, MS24665-281, MS24665-283, MS24665-285, MS24665-287, MS24665-289, MS24665-292, MS24665-295, MS24665-353, MS24665-355, MS24665-357, MS24665-360, MS24665-5, MS24665-7, MS24665-71.

Pulleys and cotter pins available as convenient kits. Pulleys can be purchased separately. Cotter Pins can be purchased in quantities of 10 or 25 each depending on part number.



Model	Serial Number	Kit P/N	Quantity per Kit (Applicable cotter pins also included)						Other Pulleys
			MCS378-1	MCS378-2	MCS378-3	MCS378-4	MCS378-5	S394	
120/140	8000-15075	PULL-KT-01	8	2	10	10		1	
140A	15200-15724	PULL-KT-02		2	8	12		1	(8) NAS383-1
150	17001-59018	PULL-KT-03	8	13	10	12		3	
150A,B,C	15059019-15060087	PULL-KT-04	8	13	10	10		3	
150D,E ¹	15060088-15061083	PULL-KT-05	8	13	10	4		1	(6) MS20220-2
150E ¹	15061084-15061532	PULL-KT-06	8	13	10	4			(6) MS20220-2
150F,G	15061533-15067198	PULL-KT-07	10	10	13	4			(7) MS20220-2
150H	15067199-15069308	PULL-KT-08	14	10	13	4			(7) MS20220-2
150J	15069309-15071128	PULL-KT-09	14	8	13	4			(7) MS20220-2
150K,L ¹	15071129-15074399	PULL-KT-10	14	8	13	4			(7) MS20220-2
A150K,L ¹	A15000001-A1500387	PULL-KT-10	14	8	13	4			(7) MS20220-2
F150K,L ¹	F15000530-F15000943	PULL-KT-10	14	8	13	4			(7) MS20220-2
FA150K,L	FA1500001-FA1500120	PULL-KT-10	14	8	13	4			(7) MS20220-2
FRA150L ¹	FRA1500121-FRA1500211	PULL-KT-10	14	8	13	4			(7) MS20220-2
150L ¹	15074400-15074661	PULL-KT-11	14	10	11	4			(7) MS20220-2
A150L ¹	A1500388-A1500415	PULL-KT-11	14	10	11	4			(7) MS20220-2
F150L ¹	F1500944-F15001062	PULL-KT-11	14	10	11	4			(7) MS20220-2
150L ¹ ,M	15074662-15079405	PULL-KT-12	14	10	12	4			(7) MS20220-2
FRA150L ¹ ,M	FRA1500212-FRA1500336	PULL-KT-12	14	10	12	4			(7) MS20220-2
152	15279406-15286033	PULL-KT-13	14	10	12	4			(7) MS20220-2
A152	A1520735-A1521049	PULL-KT-13	14	10	12	4			(7) MS20220-2
F152	F15201429-F015201952	PULL-KT-13	14	10	12	4			(7) MS20220-2
FA152	FA1520337-FA1520387	PULL-KT-13	14	10	12	4			(7) MS20220-2
170	18000-18729	PULL-KT-14		4	7	16		2	(8) NAS383-1
170A	18730-20266	PULL-KT-15			13	14			(8) NAS383-1
170B	20267-27169	PULL-KT-16	8	11	9	22		4	(8) NAS383-1
172A,B,C	28000-17249544	PULL-KT-17	8	11	10	18		4	
172D	17249545-17250572	PULL-KT-18	9	11	10	18		4	
F172D	F1720001-F1720018	PULL-KT-18	9	11	10	18		4	
FP172	FP1720001-FP1720003	PULL-KT-18	9	11	10	18		4	
P172	P17257120-P17257188	PULL-KT-18	9	11	10	18		4	
172E	17250573-17251822	PULL-KT-19	9	11	10	16		4	
F172E	F1720019-F1720085	PULL-KT-19	9	11	10	16		4	
172F,G,H,I,K,L,M ¹	17251823-17263458	PULL-KT-20	13	2	10	16		3	(2) MS20220-1
F172F,G,H,K,L,M ¹	F1720086-F17201234	PULL-KT-20	13	2	10	16		3	(2) MS20220-1
FR172E,F,G,H,J	FR1720001-FR1720590	PULL-KT-21	12	2	10	16		3	(2) MS20220-1
172M ¹ ,N,P	17263459-17276673	PULL-KT-22	13	2	10	16		3	(2) MS20220-1, (1) S1710-1
F172M ¹ ,N,P	F17201235-F17202254	PULL-KT-22	13	2	10	16		3	(2) MS20220-1, (1) S1710-1
172R,S	17280001 & On	PULL-KT-19	9	11	10	16		4	
175A,B,C	55001-17557119	PULL-KT-17	8	11	10	18		4	
180A,B	30000-50661	PULL-KT-24	5	11	7	20		4	
180C,D,E	50662-18051183	PULL-KT-25	5	12	7	20		4	
180F,G	18051184-18051445	PULL-KT-26	5	12	7	20		4	(1) MS20220-2
180H ¹	18051446-18051607	PULL-KT-27	5	12	7	22		4	(1) MS20220-2
180H ¹	18051608-18052206	PULL-KT-28	5	12	7	22	1	8	(1) MS20220-2

¹Partial model eligibility

Eligibility continued on next page

Flight Control System Pulleys for Cessna Aircraft



Continued from previous page			Quantity per Kit (Applicable cotter pins also included)						
			MCS378-1	MCS378-2	MCS378-3	MCS378-4	MCS378-5	S394	
Model	Serial Number	Kit P/N							Other Pulleys
180H, J, K	18052207-18052384	PULL-KT-83	5	12	7	22	1	8	(1) MS20220-2, (1) S1710-1
180J, K	18052385-18053203	PULL-KT-29	5	11	7	22	1	8	(2) MS20220-2, (1) S1710-1
182, A, B	33000-52358	PULL-KT-34	5	11	7	20	1	4	
182C, D	52359-18053598	PULL-KT-35	5	12	7	20	1	4	
182E	18253599-18253929	PULL-KT-36	6	1	6	10		3	(6) MS20220-2, (1) S1052-1
182E, F, G, H, J, K	18253930-18258505	PULL-KT-85	6	3	6	10		3	(6) MS20220-2, (1) S1052-1
182L, M, N	18258506-18260445	PULL-KT-37	6	3	6	8		3	(8) MS20220-2, (1) S1052-1
182N	18260446-18260669	PULL-KT-38	8	3	6	8		3	(8) MS20220-2, (1) S1052-1
182N, P	18260670-18262465	PULL-KT-86	8	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
182P, Q, R	18262466-18268615	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
T182	18267716-18268615	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
182S, 182T	18208001 & On	PULL-KT-80	13	3	6	8		3	(9) MS20220-2, (1) S1052-1, (1) S1710-1
F182P, Q	F18200001-F18200169	PULL-KT-39	13	3	6	8		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
FR182	FR18200001-FR18200070	PULL-KT-40	3	1	16	16		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
R182, TR182	R18200001-R18202041	PULL-KT-40	3	1	16	16		3	(8) MS20220-2, (1) S1052-1, (1) S1710-1
T182	T1820801 & On	PULL-KT-80	13	3	6	8		3	(9) MS20220-2, (1) S1052-1, (1) S1710-1
185, A, B, C	1850001-1850776	PULL-KT-30	5	12	7	20	1	4	(1) MS20220-2
185D	1850777-1850967	PULL-KT-31	5	12	7	22	1	4	(1) MS20220-2
185E, A185E	1850968-18501901	PULL-KT-32	5	12	7	22	1	8	(1) MS20220-2
A185E, F	18501902-18502310	PULL-KT-84	5	12	7	22	1	8	(1) MS20220-2, (1) S1710-1
A185F	18502311-18504448	PULL-KT-33	5	11	7	22	1	8	(2) MS20220-2, (1) S1710-1
188, A188	1880001-1880317	PULL-KT-41	2	5		6		4	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4
188, A188	1880318-1880572	PULL-KT-42	4	5		6		4	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4
188A, A188A	1880573-1880707	PULL-KT-43	4	5		6		6	(4) 1660433-1, (8) MS20220-1, (2) MS20220-2, (1) MS20220-4, (1) S1052-1
188A, B, A188A, B	1880708-18801348 18800967T-188001348T	PULL-KT-44	4	5		6		6	(4) 1660433-2, (10) MS20220-2, (1) MS20220-4, (2) S1052-1
188B, A188B	18801349-18801402 18801349T-18801402T	PULL-KT-45	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1
188B, A188B	18801403-18803856 18801403T-18803968T	PULL-KT-46	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1, (1) S1710-1
T188C	T18803297T-T18803968T	PULL-KT-6	4	5		6		6	(4) 1660433-2, (1) MS20220-1, (10) MS20220-2, (1) MS20220-4, (2) S1052-1, (1) S1710-1
210-5 (205), 210-5A (205A)	2050001-2050577	PULL-KT-47	11	3	6	22		3	(5) MS20220-2, (1) S1052-1
206, U206, A, B	2060001-U2060914	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
TU206A, B	2060438-U2060914	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
P206, TP206A, B	P2060001-P2060419	PULL-KT-48	7	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
U206, TU206C, D, E	U2060915-U20601667	PULL-KT-49	10	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1
P206, TP206C, D, E	P2060420-P2060647	PULL-KT-49	10	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1
U206E, TU206E	U20601668-U20601700	PULL-KT-50	10	4	6	26		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1, (1) S1710-1
U206F, TU206F	U20601701-U20601874	PULL-KT-51	8	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1, (1) S1710-1
U206F, TU206F	U20601875-U20602199	PULL-KT-52	7	4	6	26		6	(4) MS20220-1, (11) MS20220-2, (1) S1052-1, (1) S1710-1
U206F, TU206F	U20602200-U20602579	PULL-KT-53	7	2	6	26		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
U206F, G, TU206F, G	U20602580-U20603798	PULL-KT-54	7	1	6	20		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
U206G, TU206G	U20603799-U20607020	PULL-KT-55	7		6	22		6	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
206H	20608001 & On	PULL-KT-56	7		6	18		4	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
T206H	T20608001 & On	PULL-KT-56	7		6	18		4	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (1) S1052-1, (1) S1710-1
207, T207	20700001-20700204	PULL-KT-57	12	1	4	21		6	(4) MS20220-1, (11) MS20220-2, (7) S1052-1, (2) S1710-1
207, T207	20700205-20700227	PULL-KT-58	12	1	4	21		6	(4) MS20220-1, (11) MS20220-2, (7) S1052-1, (3) S1710-1
207, T207	20700228-20700267	PULL-KT-59	9	1	4	21		6	(4) MS20220-1, (9) MS20220-2, (7) S1052-1, (3) S1710-1
207, T207A, T207, T207A	20700268-20700390	PULL-KT-60	9	1	6	15		6	(4) MS20220-1, (9) MS20220-2, (2) MS20220-4, (5) S1052-1, (3) S1710-1
207, T207A, T207, T207A	20700391-20700788	PULL-KT-61	9	1	6	17		6	(4) MS20220-1, (8) MS20220-2, (2) MS20220-4, (5) S1052-1, (3) S1710-1
210, A	57001-21057840	PULL-KT-62	5	4	11	22		3	(9) MS20220-2, (2) S1052-1
210B, C	21057841-21058220	PULL-KT-63	7	4	6	28		3	(4) MS20220-2, (2) S1052-1
210D, E, F	21058221-21058818	PULL-KT-64	7	3	6	28		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
T210F	T2100001-T2100197	PULL-KT-64	7	3	6	28		6	(4) MS20220-1, (9) MS20220-2, (1) S1052-1
210G	21058819-21058936	PULL-KT-65	7		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
T210G	T2100198-T2100307	PULL-KT-65	7		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
210H	21058937-210859030	PULL-KT-66	11		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
T210H	T2100308-T2100378	PULL-KT-66	11		6	28		2	(12) MS20220-2, (2) MS20220-3, (8) S1710-1
210H	21059031-21059061	PULL-KT-67	11		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
T210H	T2100379-T2100392	PULL-KT-67	11		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210J	21059062-21059199	PULL-KT-68	15		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
T210J	T2100393-T2100454	PULL-KT-68	15		6	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210K, L	21059200-21060089	PULL-KT-69	14	1	7	26		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210L, M, N	21060090-21064135	PULL-KT-71	12	1	7	28		2	(11) MS20220-2, (2) MS20220-3, (4) S1710-1
210N, T210N	21064136-21064897	PULL-KT-77	12	1	7	28		2	(11) MS20220-2, (6) MS20220-3, (5) S1710-1
210R, T210R	21064898-21065009	PULL-KT-78	8		7	28		2	(9) MS20220-2, (4) MS20220-3, (5) S1710-1
P210N	P21000001-P21000834	PULL-KT-81	12	1	7	28		2	(11) MS20220-2, (2) MS20220-3, (5) S1710-1
P210R	P21000835-P21000874	PULL-KT-82	8		7	28		2	(9) MS20220-2, (4) MS20220-3, (5) S1710-1

Partial model eligibility

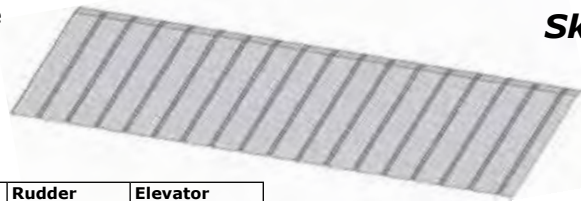
Flight Control Surface Parts and Attaching Hardware

Flap, Aileron, Rudder and Elevator Skins for Cessna Aircraft

73 Available Part Numbers - Expanded Eligibility!

- More precise corrugation spacing and shape
- Available as convenient kits or individually
- No pre-drilled holes to misalign
- Cut to shape to match the OEM skins
- Direct replacement - No STC required

Rudder and Elevator Skins Now Availab



Model	Aileron Skin Kit	Flap Skin Kit	Rudder Skin Kit	Elevator Skin Kit
140A	SKN-KT-AIL1	N/A	N/A	N/A
150,A,B,C,D,E,F,G,H,I,J,K,L,M	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
A150K,L,M	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
F150F,G,H,I,J,K,L,M	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
FA150K,L,FRA150L,M	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
152,A152	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
F152 ¹	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
FA152 ²	SKN-KT-AIL1	SKN-KT-FLP1	N/A	N/A
170, 170A	N/A	N/A	SKN-KT-RUD1	SKN-KT-ELEV1
170B	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD2	SKN-KT-ELEV2
172	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD3	SKN-KT-ELEV3
172A,B,C	SKN-KT-AIL1	SKN-KT-FLP2	N/A	SKN-KT-ELEV3
172D,E,F,G,H,I,K,L	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
172M,N,P,Q,T-41A	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
172R,S	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
172RG	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
F172D,E,F,G,H,I,J,K,L,M,N,P	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
FP172	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
FR172E,F,G,H,I	SKN-KT-AIL1	SKN-KT-FLP3	N/A	N/A
FR172K	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
P172D	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
R172K	SKN-KT-AIL1	SKN-KT-FLP3	N/A	SKN-KT-ELEV4
175	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD3	SKN-KT-ELEV3
175A,B,C	SKN-KT-AIL1	SKN-KT-FLP2	N/A	SKN-KT-ELEV3
180,A,B,C,D,E	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD4	SKN-KT-ELEV5
180F,G,H,I	SKN-KT-AIL1	SKN-KT-FLP3	SKN-KT-RUD4	SKN-KT-ELEV5
180K	SKN-KT-AIL1	SKN-KT-FLP3	SKN-KT-RUD4	SKN-KT-ELEV5
182, 182A,B	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD4	SKN-KT-ELEV5
182C,D	SKN-KT-AIL1	SKN-KT-FLP2	N/A	SKN-KT-ELEV5
182E,F,G	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV6
182H,I,J,K,L,M,N,P,Q,R,S,T	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
A182J,K,L,N ³	SKN-KT-AIL1	SKN-KT-FLP4	N/A	N/A
F182P,Q	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
FR182	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
R182 ⁴ ,TR182 ⁴	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
T182	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
T182T	SKN-KT-AIL1	SKN-KT-FLP4	N/A	SKN-KT-ELEV7
185,A,B,C,D,E,A185E ⁵	SKN-KT-AIL1	SKN-KT-FLP2	SKN-KT-RUD4	SKN-KT-ELEV5
A185E,F ⁶	SKN-KT-AIL1	SKN-KT-FLP3	SKN-KT-RUD4	SKN-KT-ELEV5
188, 188A,B, A188, A188A,B	SKN-KT-AIL2	SKN-KT-FLP4	SKN-KT-RUD4	SKN-KT-ELEV6
T188C	SKN-KT-AIL2	SKN-KT-FLP4	SKN-KT-RUD4	SKN-KT-ELEV6
190,195,195A,B ⁷	N/A	N/A	SKN-KT-RUD5	SKN-KT-ELEV1
190,195,195A,B ⁸	N/A	N/A	SKN-KT-RUD5	N/A
205 (210-5), 205A (210-5A)	SKN-KT-AIL1	SKN-KT-FLP5	N/A	SKN-KT-ELEV6
206, U206, U206A,B	SKN-KT-AIL3	SKN-KT-FLP6	N/A	SKN-KT-ELEV7
U206C,D,E,F,G	SKN-KT-AIL3	SKN-KT-FLP6	N/A	N/A
TU206A,B	SKN-KT-AIL3	SKN-KT-FLP6	N/A	SKN-KT-ELEV7
TU206C,D,E,F,G	SKN-KT-AIL3	SKN-KT-FLP6	N/A	N/A
206H	SKN-KT-AIL3	SKN-KT-FLP7	N/A	N/A
P206, P206A,B	SKN-KT-AIL3	SKN-KT-FLP7	N/A	SKN-KT-ELEV7
P206C,D,E, TP206A,B,C,D,E	SKN-KT-AIL3	SKN-KT-FLP7	N/A	N/A
T206H	SKN-KT-AIL3	SKN-KT-FLP7	N/A	N/A
207,A,T207,A	SKN-KT-AIL3	SKN-KT-FLP8	N/A	N/A
210,A	SKN-KT-AIL1	SKN-KT-FLP2	N/A	N/A
210B ⁹	SKN-KT-AIL1	SKN-KT-FLP4	N/A	N/A
210B ¹⁰	SKN-KT-AIL1	SKN-KT-FLP5	N/A	N/A
210C	SKN-KT-AIL1	SKN-KT-FLP5	N/A	N/A
210D,E,F,T210F	SKN-KT-AIL3	SKN-KT-FLP7	N/A	N/A

- ¹ Approved S/N F15201429 thru F152201952
² Approved S/N FA1520337 thru FA1520387
³ Approved S/N A182-0001 thru A182-0146
⁴ Approved S/N All except R18201315
⁵ Approved S/N 185-0001 thru A185-1167
⁶ Approved S/N 18501168 thru 18504448
⁷ Approved S/N 7004 thru 16083
⁸ Approved S/N 16084 thru 16183
⁹ Approved S/N 21057841 thru 21058003
¹⁰ Approved S/N 21058004 thru 21058085

Unless otherwise noted, approval is for all serial numbers for each model listed.
Note: Elevator Tab skins only included in SKN-KT-ELEV1.

Flap Skin Kit Components

SKN-KT-FLP1

- 1 ea MC0426901-10 Upper RH
- 1 ea MC0426901-11 Upper LH
- 1 ea MC0426901-6 Lower LH
- 1 ea MC0426901-7 Lower RH

SKN-KT-FLP2

- 1 ea MC0523901-4 Upper LH
- 1 ea MC0523901-5 Upper RH
- 1 ea MC0523901-6 Lower LH
- 1 ea MC0523901-7 Lower RH

SKN-KT-FLP3

- 2 ea MC0523901-201 Upper LH, RH
- 1 ea MC0523901-6 Lower LH
- 1 ea MC0523901-7 Lower RH

SKN-KT-FLP4

- 1 ea MC0523901-21 Upper LH
- 1 ea MC0523901-22 Upper RH
- 1 ea MC0523901-19 Lower LH
- 1 ea MC0523901-20 Lower RH

SKN-KT-FLP5

- 1 ea MC0523901-25 Upper LH
- 1 ea MC0523901-26 Upper RH
- 1 ea MC0523901-27 Lower LH
- 1 ea MC0523901-28 Lower RH

SKN-KT-FLP6

- 1 ea MC0523901-25 Upper Inbnd LH
- 1 ea MC1220100-20 Upper Inbnd RH
- 1 ea MC1220100-5 Upper Otbd LH
- 1 ea MC1220100-6 Upper Otbd RH
- 1 ea MC0523901-27 Lower Inbnd LH
- 1 ea MC1220100-18 Lower Inbnd RH
- 1 ea MC1220100-3 Lower Otbd LH
- 1 ea MC1220100-4 Lower Otbd RH

SKN-KT-FLP7

- 1 ea MC0523901-25 Upper Inbnd LH
- 1 ea MC0523901-26 Upper Inbnd RH
- 1 ea MC1220100-5 Upper Otbd LH
- 1 ea MC1220100-6 Upper Otbd RH
- 1 ea MC0523901-27 Lower Inbnd LH
- 1 ea MC0523901-28 Lower Inbnd RH
- 1 ea MC1220100-3 Lower Otbd LH
- 1 ea MC1220100-4 Lower Otbd RH

SKN-KT-FLP8

- 1 ea MC1220100-33 Upper Inbnd LH
- 1 ea MC1220100-34 Upper Inbnd RH
- 1 ea MC1220100-5 Upper Otbd LH
- 1 ea MC1220100-6 Upper Otbd RH
- 1 ea MC1220100-35 Lower Inbnd LH
- 1 ea MC1220100-36 Lower Inbnd RH
- 1 ea MC1220100-3 Lower Otbd LH
- 1 ea MC1220100-4 Lower Otbd RH

Rudder Skin

Kit Components

SKN-KT-RUD1

- 1 ea MC0333000-4 Upper LH
- 1 ea MC0333000-5 Upper RH
- 1 ea MC0333000-4 Lower LH
- 1 ea MC0333000-5 Lower RH

SKN-KT-RUD2

- 1 ea MC0533000-20 Upper LH
- 1 ea MC0533000-21 Upper RH
- 1 ea MC0533000-4 Lower LH
- 1 ea MC0533000-5 Lower RH

SKN-KT-RUD3

- 1 ea MC0531001-8 LH
- 1 ea MC0531001-9 RH

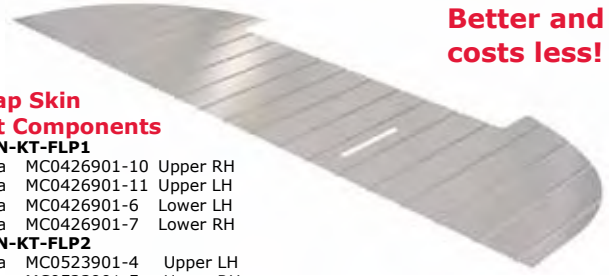
SKN-KT-RUD4

- 1 ea MC0731000-13 LH
- 1 ea MC0731000-14 RH

SKN-KT-RUD5

- 2 ea MC0333000-4 LH
- 2 ea MC0333000-5 RH

**Better and
costs less!**



Elevator Skin Kit Components

SKN-KT-ELEV1

- 1 ea MC0334100-3 Tab Upper
- 1 ea MC0334100-4 Tab Lower
- 1 ea MC0334100-5 Upper RH
- 1 ea MC0334100-6 Lower RH
- 1 ea MC0334200-3 Lower LH
- 1 ea MC0334200-4 Upper LH

SKN-KT-ELEV2

- 1 ea MC0534100-4 Upper LH
- 1 ea MC0534100-5 Lower LH
- 1 ea MC0534101-4 Lower RH
- 1 ea MC0534101-5 Upper RH

SKN-KT-ELEV3

- 1 ea MC0532001-36 Upper RH
- 1 ea MC0532001-37 Lower LH
- 1 ea MC0532001-38 Lower RH
- 1 ea MC0532001-39 Upper LH

SKN-KT-ELEV4

- 1 ea MC055044-1 Lower LH
- 1 ea MC055044-2 Lower RH
- 1 ea MC055044-3 Upper LH
- 1 ea MC055044-4 Upper RH

SKN-KT-ELEV5

- 2 ea MC0734600-4 Upper LH & Lower RH
- 2 ea MC0734600-9 Upper RH & Lower LH

SKN-KT-ELEV6

- 1 ea MC0734600-4 Upper LH
- 1 ea MC0734600-9 Lower LH
- 1 ea MC0734600-14 Lower RH
- 1 ea MC0734600-15 Upper RH

SKN-KT-ELEV7

- 1 ea MC1234600-5 Upper LH
- 1 ea MC1234600-6 Upper RH
- 1 ea MC1234600-7 Lower LH
- 1 ea MC1234600-8 Lower RH

Aileron Skin

Kit Components

SKN-KT-AIL1

- 1 ea MC0523800-6 Upper Inbnd LH
- 1 ea MC0523800-7 Upper Inbnd RH
- 1 ea MC0523800-8 Upper Otbd LH
- 1 ea MC0523800-9 Upper Otbd RH
- 1 ea MC0523800-10 Lower Inbnd LH
- 1 ea MC0523800-11 Lower Inbnd RH
- 1 ea MC0523800-12 Lower Otbd LH
- 1 ea MC0523800-13 Lower Otbd RH

SKN-KT-AIL2

- 1 ea MC1624001-5 Upper Inbnd LH
- 1 ea MC1624001-6 Upper Inbnd RH
- 1 ea MC1624001-9 Upper Otbd LH
- 1 ea MC1624001-10 Upper Otbd RH
- 1 ea MC1624001-3 Lower Inbnd LH
- 1 ea MC1624001-4 Lower Inbnd RH
- 1 ea MC1624001-7 Lower Otbd LH
- 1 ea MC1624001-8 Lower Otbd RH

SKN-KT-AIL3

- 1 ea MC1220085-11 Upper LH
- 1 ea MC1220085-12 Upper RH
- 1 ea MC1220085-13 Lower LH
- 1 ea MC1220085-14 Lower RH

Flight Control Surface Parts and Attaching Hardware



Flap Track Wear Gauge for Cessna Aircraft

Part Number 950

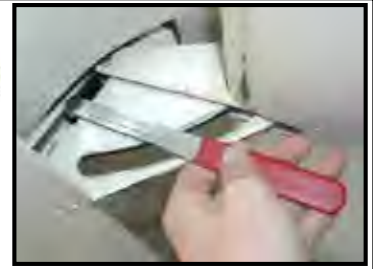
Use to determine if a Cessna flap track is worn beyond service limits.



Flap Track Wear Gauge Instructions

Run the gauge plug along each slot in each flap track while verifying that the gauge will not enter the slot. Reposition the flaps as required to gauge the entire length of each slot. If the gauge enters a slot at any point, the track is worn beyond service limits. Periodically verify the gauge diameter by measuring the gauge diameter with a calibrated micrometer.

This gauge will work for all single engine Cessna aircraft except 140A, 170A and 195.



Flap Trailing Edge Stiffener for Cessna Aircraft

New streamline shape and improved fit to reduce stress cracks

FAA-PMA! Logbook entry is all that is required.

What is the purpose of a flap trailing edge stiffener?

- Reinforce the flap trailing edge making it more resilient to hangar rash.
- Ensure a straight trailing edge. Without a stiffener, the trailing edge tends to have "wavy" appearance where the top and bottom skin rivet together.
- Reduce stress in the flap skins and prevent cracks around the rivets. Without a stiffener of the proper shape, the skin must abruptly bend where the top and bottom skins rivet together.
- Provide a blunt surface, thus preventing diamond shaped cut patterns on the foreheads of pilots and passengers.

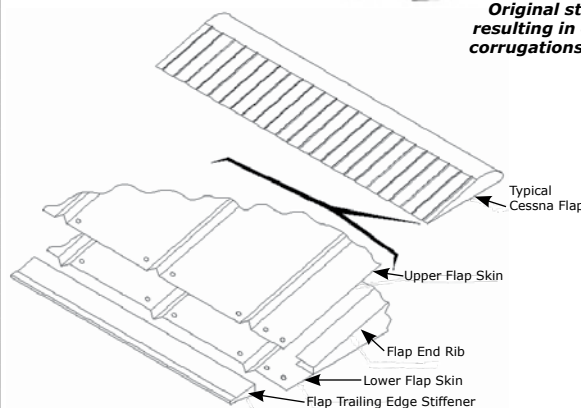
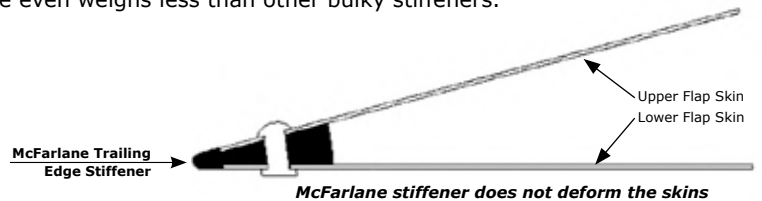
New Improved Fit to Reduce Skin Stress

The new McFarlane stiffeners are accurately shaped to the same angle that the top and bottom skins come together to completely eliminate the bending stress due to riveting the skins together. This prevents stress concentrations in the skin corrugations and near the rivets making cracks less likely. McFarlane has improved the stiffener angle as compared to other brand of triangle stiffeners.

New Streamline Shape

The new McFarlane design smoothly transitions from the skin surface to a blunt trailing edge without an unsightly bulb and resultant drag found on common trailing edge stiffeners. The new shape even weighs less than other bulky stiffeners.

Aircraft	Part Number
150, 150A,B,C,D,E,F,G,H,J,K,L,M	MC1741-79.5
A-150L, A-150L, A150K,L,M	MC1741-79.5
F150F,G,H,J,K,L,M	MC1741-79.5
FA150K,L,M	MC1741-79.5
FRA150L,M	MC1741-79.5
152, A152, F152, FA152	MC1741-79.5
170B	MC1741-79.5
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S	MC1741-79.5
172RG	MC1741-79.5
F172D,E,F,G,H,K,L,M,N,P	MC1741-79.5
FP172	MC1741-79.5
FR172E,F,G,H,J,K	MC1741-79.5
P172D	MC1741-79.5
R172E,F,G,H,K	MC1741-79.5
175, 175A,B,C	MC1741-79.5
180, 180A,B,C,D,E,F,G,H,J,K	MC1741-79.5
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q,R,S,T	MC1741-79.5
F182P,Q	MC1741-79.5
FR182, R182, T182, T182T, TR182	MC1741-79.5
185, 185A,B,C,D,E, A185E,F	MC1741-79.5
188, 188A,B, A188, A188A,B, T188C	MC1741-79.5
(205) 210-5	MC1741-79.5
(205A) 210-5A	MC1741-79.5
206, 206H, T206H	MC1741-116.25
P206, P206A,B,C,D,E	MC1741-116.25
TP206A,B,C,D,E	MC1741-116.25
TU206A,B,C,D,E,F,G	MC1741-116.25
U206, U206A,B,C,D,E,F,G	MC1741-116.25
207, 207A, T207, T207A	MC1741-116.25
210, 210A,B,C	MC1741-79.5
210D,E,F	MC1741-116.25



Aluminum Aileron Hinge for Cessna

Part Number MC0523816-1

- Selective fit, positive capture, stainless steel pin
- No looseness in the hinge to start vibration wear
- No cotter keys to fail
- Anodized for better corrosion and wear resistance
- Replaces part number 0523816-1 and 0523807

Aircraft

150,152,170,172,175,180,182,185,205,210 (All serial numbers)



Flap Wear Buttons

Part Number S1093-1

- Prevents flap leading edge skin wear
- Nylon construction
- Available in 30 packs

Manufactured by Cessna



Flap and Aileron Rod Ends

See pages 22-24 for Cessna and Piper rod ends



Flight Control Surface Parts and Attaching Hardware

Aileron Rod Assembly for Piper PA-28/28R Series

40% off Piper!
P/N CA62766-000

- High quality 4130 steel construction
- Replaceable aft rod end bearing (P/N CA452-334A)
- Includes ICA with improved inspection procedures

Maintenance Tip:

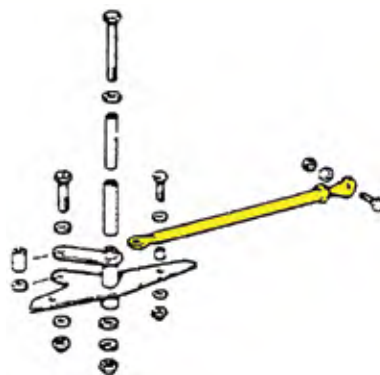
PMA Products recommends replacement when there is:

- more than 0.010 inch radial free play in either bearing
- any corrosion on either bearing
- significant corrosion or other damage to the tube
- see ICA at www.mcfarlaneaviation/reference/ for details

FAA-PMA approved for aircraft models:

PA-28-140, 150, 160, 180, 235, PA-28R-180, 200 (All serial numbers) - 2 required per aircraft

Manufactured by PMA Products, Inc.

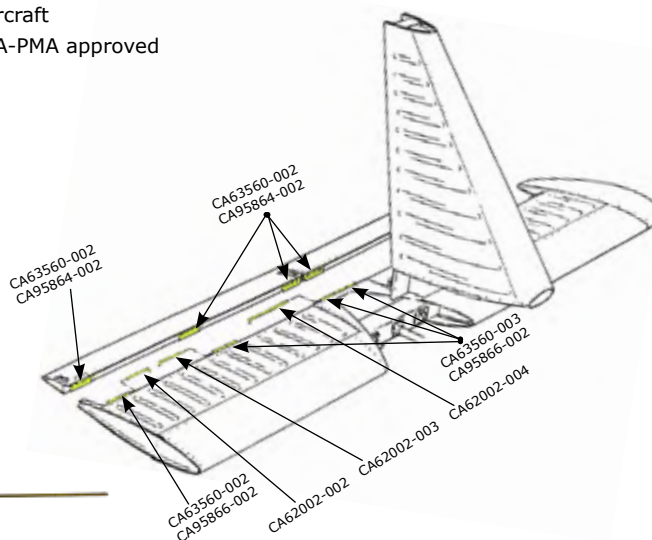
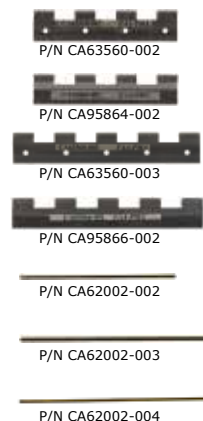


Save \$\$

New!

Stabilator Trim Tab Hinges for Piper Aircraft

- Pins and hinge halves each sold separately or as convenient kits
- One kit required per aircraft
- Kit components are FAA-PMA approved



Aircraft	Trim Tab Hinge Kit	Trim Tab Pin Only Kit
PA-28-140, 150, 151, 160, 161	PTH-KT-1	PTP-KT-1
PA-28-180	PTH-KT-1	PTP-KT-1
PA-28-181	PTH-KT-1	PTP-KT-1
PA-28-201T	PTH-KT-1	PTP-KT-1
PA-28-235	PTH-KT-1	PTP-KT-1
PA-28-236	PTH-KT-1	PTP-KT-1
PA-28R-180	PTH-KT-1	PTP-KT-1
PA-28R-200	PTH-KT-1	PTP-KT-1
PA-28R-201, 201T	PTH-KT-1	PTP-KT-1
PA-28RT-201, 201T		PTP-KT-1
PA-32-260	PTH-KT-1	PTP-KT-1
PA-32-300, PA-32R-300	PTH-KT-1	PTP-KT-1
PA-32-301, 301T	PTH-KT-1	PTP-KT-1
PA-32R-301, 301T	PTH-KT-1	PTP-KT-1
PA-32RT-300, 300T		PTP-KT-1
PA-34-200, 200T, 220T	PTH-KT-2	PTP-KT-2
PA-44-180, 180T		PTP-KT-1

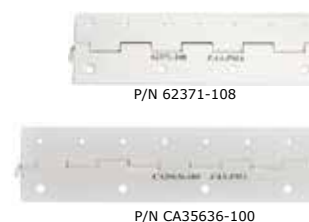
Kits are eligible for all serial numbers of each model unless noted below.

- 1 S/Ns 28-671 thru 28-7205328 and 28-7305001 thru 28-7505260 only
- 2 S/Ns 28-10001 thru 28-7210023 and 28-7310001 thru 28-7710089 only
- 3 S/Ns 28R-35001 thru 28R-7135238 and 28R-7235001 thru 28R-7635545 only

Qty	Part Number	Description
Piper Trim Tab Hinge Kit P/N PTH-KT-1		
2	CA62002-002	Pin, Hinge, Outboard
2	CA62002-003	Pin, Hinge, Center
1	CA62002-004	Pin, Hinge, Inboard
8	CA63560-002	Hinge Half
4	CA63560-003	Hinge Half
Piper Trim Tab Pin Kit P/N PTP-KT-1		
2	CA62002-002	Pin, Hinge, Outboard
2	CA62002-003	Pin, Hinge, Center
1	CA62002-004	Pin, Hinge, Inboard
Piper Trim Tab Hinge Kit P/N PTH-KT-2		
4	CA62002-003	Pin, Hinge, Outboard or Center
1	CA62002-004	Pin, Hinge, Inboard
6	CA95864-002	Hinge Half
6	CA95866-002	Hinge Half
Piper Trim Tab Pin Kit P/N PTP-KT-2		
4	CA62002-003	Pin, Hinge, Outboard or Center
1	CA62002-004	Pin, Hinge, Inboard

Aileron Hinges for Piper Aircraft

- Hinge pins are Teflon coated
- FAA-PMA/STC approved
- Direct replacement



Aircraft	62371-108 Qty/Aircraft	CA35636-100 Qty/Aircraft
PA-28-140	4	
PA-28-150	4	
PA-28-151		2
PA-28-160	4	
PA-28-161		2
PA-28-180	4	
PA-28-181	4	2
PA-28-201T	4	2
PA-28-235	4	
PA-28-236	4	2
PA-28-R180	4	
PA-28R-200	4	
PA-28R-201	4	2
PA-28R-201T	4	2
PA-28RT-201	4	2
PA-28RT-201T	4	2
PA-32-260	4	
PA-32-300	4	
PA-32RT-300, 300T	4	
PA-34-200	4	

1 S/Ns 28-7615001 and On

Note:

When both part numbers are eligible verify correct part number by length:

P/N 62371-108 is 5"

P/N CA35636-100 is 7.5"



Flight Control Surface Parts and Attaching Hardware



Flap Tracks for Cessna Aircraft

Replace worn-out tracks to prevent dangerous and expensive binding problems!

- Improved Material
 - 20% Stronger
 - 6 Times fatigue strength
 - Greater resistance to 'mushrooming' and stress cracking
- Precision machined for smooth rolling action
- No pre-drilled holes for a precise, clean installation
- Replace just the track, not the entire rib assembly. (Cessna only lists the rib assembly for most aircraft)
 - Eliminates the need to drill into the fuel tank area.
- Alodined then epoxy primed per MIL-PRF-23377 for corrosion protection.
- Installation instructions included.

**See pages 106-108
for flap roller kits!**



Cessna Flap Track Rib Assembly Part Number	Cessna Flap Track Part Number	McFarlane Flap Track Part Number
0523231-13	0523231-14 5	MC0523231-14
0523231-21		
0523231-23		
0525001-1	0525001-2 5	MC0525001-2
0525001-1S		
2425001-1		
1220058-1	1220048-1 5	MC1220048-1
1220052-2		
1221010-7		
1221010-7AGW	1221010-8 5	MC1221010-8
1221010-15		
1221010-16		
1221010-19		
1221010-19AGW		
1221010-20		
1221010-20AGW		
N/A	1221064-19 6	MC1221064-19
	1221064-20 6	MC1221064-20
	1221064-21 6	MC1221064-21

Quantity per Aircraft

Aircraft	MC0523231-14	MC0525001-2	MC1220048-1	MC1221010-8	MC1221064-19	MC1221064-20	MC1221064-21	MC2622075-4	MC2622075-5	MC2622075-6
150,150A,B,C,D,E,F,G,H,I,J,K,L,M	4									
A150K,L,M	4									
F150F,G,H,I,J,K,L,M, FA150K,L,M	4									
152 1 , S/N 15279406 thru 15285564 2	4	4								
152 1 , S/N 15285565 thru 15286033	4									
A152 1 , S/N A1520735 thru A1521014 2	4	4								
A152 1 , S/N A1521015 thru A1521049	4									
F152 1 , S/N F15201429 thru F15201908 2	4	4								
F152 1 , S/N F15201909 thru F15201980	4									
FA152 1 , S/N FA1520337 thru FA1520387 2	4	4								
FA152 1 , S/N FA1520388 thru FA1520425	4									
170B	4									
172,172A,B,C,D,E,F,G,H,I,K,L,M,N	4									
172P,R,S, F172P	4									
172RG, S/N 172RG0001 thru 172RG0409 2	4	4								
172RG, S/N 172RG0410 thru 172RG1191	4									
F172D,E,F,G,H,K,L,M,N	4									
FP172	4									
FR172E,F,G,H,I,J,K 1 S/N FR17200591 thru FR17200665	4									
FR172K 1 S/N FR17200666 thru FR17200675	4									
P172D	4									
R172E,F,G,H,K	4									
R172K 1 , S/N R1723400 thru R1723454	4									
175,175A,B,C	4									
177,177A,B,177RG,F177RG					2	2	2			
180,180A,B,C,D,E,F,G,H,I,J,K			4							
182,182A,B,C,D,E,F,G,H,I,J,K,L,M,N,P,Q			4							
182S,T			4							
F182P,Q			4							
FR182			4							
R182, T182, T182T			4							
185,185A,B,C,D,E,A185E,F			4							
188A,B,A188B			4							
210-5 (205), 210-5A (205A)			4							
206,U206,U206A,B,C,D,E,F,G,TU206F,G			2	4						
206H,T206H			6							
P206,P206A,B,C,D,E			2	4						
207,207A,T207,T207A			2	4						
208 S/N 20800001 thru 20800164 3							4		2	
208 S/N 20800001 thru 20800164 4							2	2	2	
208 S/N 20800165 thru 20899999							4		2	
208A 3							4		2	
208A 4							2	2	2	
208B S/N 208B0001 thru 208B0194 3							4		2	
208B S/N 208B0001 thru 208B0194 4							2	2	2	
208B S/N 208B0195 thru 208B9999							4		2	
210A,B,C										
210D,E,F			2	4						
210G,H,I,J,K,L,M,N,R					2	2	2			
P210N,R					2	2	2			
T210F			2	4						
T210G,H,I,J,K,L,M,N,R					2	2	2			

Caravan 208 Flap Track

- NDI inspected
- Save thousands** by replacing with McFarlane flap tracks after 15,000 landings instead of NDI eddy current testing every 3,000 landing as required by the maintenance manual.

**FAA Approval
Pending!**



**Caravan flap roller
kits available now,
see pages 107-108!**



- Partial model eligibility
- Cessna model 152, A152, F152, FA152 and 172RG aircraft may have various flap track rib assemblies installed. If flap track rib assembly part number 0523231-23 is currently installed, then McFarlane part number MC0523231-14 must be used to replace the flap track. If flap track rib assembly part number 0525001-1, 0525001-1S or 2425001-1 is currently installed, then McFarlane part number MC0525001-2 must be used to replace the flap track. Flap track rib assembly 0523231-23 includes a 0.160 inch thick flap track with no lightening hole. Flap track rib assemblies 0525001-1, 0525001-1S and 2425001-1 include a 0.25 inch thick flap track with a 2.25 inches lightening hole located between the flap roller slots.
- With service kit SK208-71
- Without service kit SK208-71
- Part numbers do not appear in the Illustrated Parts Catalogs; only track assembly part numbers are listed.
- Part numbers appear directly in Illustrated Parts Catalogs; no assembly part numbers exist.

Flight Control Surface Parts and Attaching Hardware

Flap Roller Kits for Cessna Aircraft

McFarlane offers a basic flap roller kit or an upgrade kit to address flap arm wear problems. Each flap roller kit contains enough components for one aircraft. All components are also available separately.

See eligibility and kit component lists on the following page.

Now available - Flap roller kits for Cessna Caravan 208 and Skymaster 336/337 aircraft!

Basic kits include

Rollers, bushings, shims and spacers where required

Upgrade kits include

Rollers, bushings, shims, spacers where required, MCSK100 Flap Service Kits, wear washers, SEB95-3 Rev. 1 and hardware (nuts, bolts and washers)

Rollers

- Cadmium plated for corrosion resistance
- Precision bearings for smooth, reliable operation



Bushings

- Heat treated bearing quality stainless steel
- Precision ground
- Improved wear and corrosion resistance



Shims and Spacers

- Stainless steel shims
- Self-lubricating nylon spacers



Hardware

- Nuts, bolts and washers
- Extra hardware included, installer must determine the correct nut, bolt and washer combination for specific aircraft



Wear Washers and SEB95-3 Rev. 1

- Stops forward roller location flap arm wear
- Service Bulletin SEB95-3 Rev. 1 is copyrighted by Cessna



MCSK100 Flap Roller Service Kits

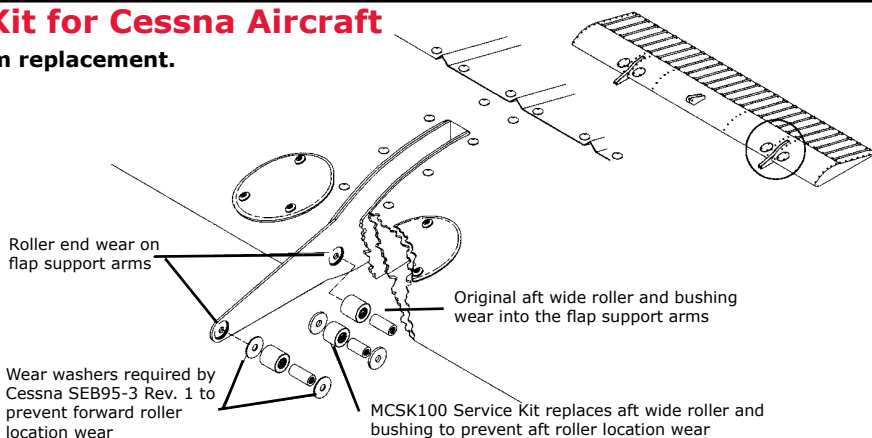
- Stops aft roller location flap arm wear
- Unique McFarlane solution



MCSK100 Flap Roller Service Kit for Cessna Aircraft

Stops flap arm wear! Prevents costly flap arm replacement.

- A permanent solution to the wear problem at the aft wide roller locations.
- Includes two stepped washers, a medium width roller and bushing.
- Stepped washers interlock with bushing making installation easier.
- Replaces the aft wide roller and bushing.
- FAA-PMA/STC approved (Minor alteration - logbook entry only)
- Applicable to most single engine Cessna aircraft.
- Economical!



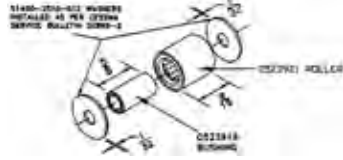
MCSK100 Flap Roller Service Kit



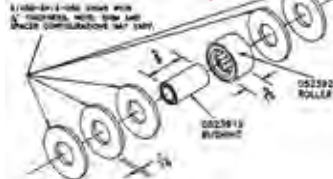
MCSK100 replaces aft wide roller assembly



MCSK100 DOES NOT replace forward wide roller assembly



MCSK100 DOES NOT replace narrow roller assembly



Technical Background:

The flap rollers wear into the flap support arms on Cessna aircraft. This wear is caused by the flap rollers due to the asymmetric extension or retraction of the flap during flight. This asymmetry is caused by the inboard or outboard section of the flap leading the retraction or extension of the flap. Many factors, including rusty or damaged rollers or flap track imperfections, can contribute to this condition. This asymmetry causes the rollers to be pressed against the flap support arms (roller end loading) which, over time, causes damage to the flap support arms and structurally weakens the flap.

Cessna Service Bulletin SEB95-3 (Included in all FLP-KT series kits) addresses this issue by calling for the inspection and repair or replacement of the support arms and rollers. Cessna Service Bulletin SEB95-3 also requires the installation of stainless steel washers on each side of the forward rollers to reduce the wear between the roller and the support arms. SEB95-3, however, did not offer a preventative solution to the wear problem experienced at the aft roller locations. MCSK100 is a permanent solution that addresses the aft flap support arm wear problem. Installation is considered a minor alteration and does not require the filing of FAA Form 337. Only a logbook entry is required for this STC.

It is important that the Cessna Service Bulletin SEB95-3 is fully complied with before MCSK100 is installed.



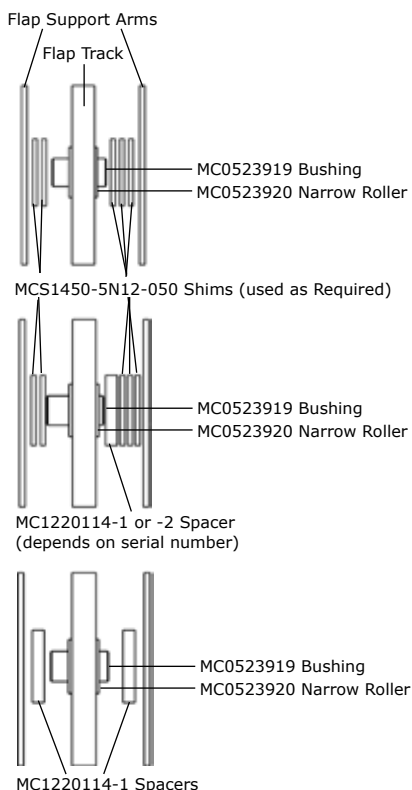
Flight Control Surface Parts and Attaching Hardware



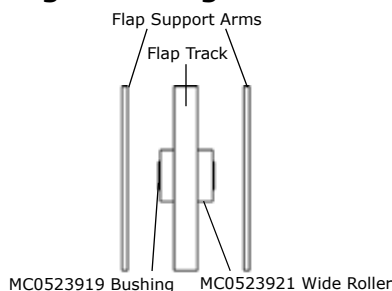
Cessna Flap Attachment Configurations

- All configurations shown are for example only. Types and quantities of shims and spacers will vary between aircraft. Refer to your aircraft's parts catalog for specific configuration.
- McFarlane flap upgrade kits include all required bolts, nuts and washers.

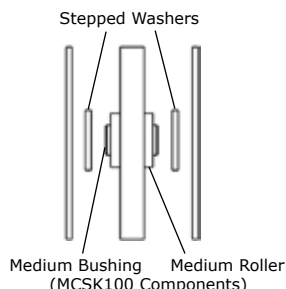
Aft Narrow Roller Locations (example configurations)



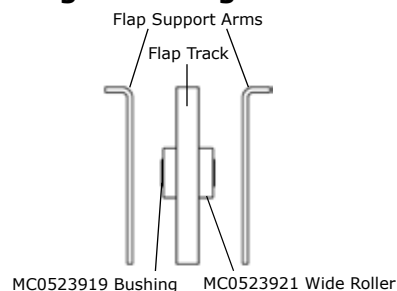
Aft Wide Roller Locations Original Configuration



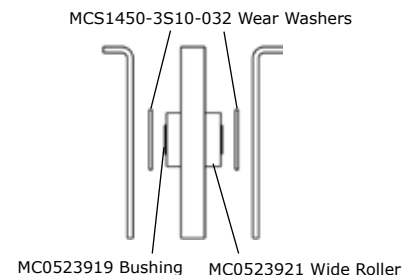
Aft Wide Roller Locations with MCSK100 Service Kit



Forward Roller Locations Original Configuration



Forward Roller Locations with Wear Washers per Cessna SEB95-3 Rev. 1



Eligibility for Flap Roller Kits for Cessna Aircraft

Model	Serial Number	Part Numbers	Model	Serial Number	Part Numbers
150,150A,B,C,D,E,F,G,H,J	All	FLP-KT-1 or 1U	A182J,K,L,M,N	All	FLP-KT-3 or 3U
150K,L,M	All	FLP-KT-2 or 2U	F182P,Q	All	FLP-KT-3 or 3U
A150K,L,M	All	FLP-KT-2 or 2U	FR182	All	FLP-KT-3 or 3U
F150F,G,H,J	All	FLP-KT-1 or 1U	R182(RG)/TR182	All	FLP-KT-3 or 3U
F150K,L,M	All	FLP-KT-2 or 2U	T182T	All	FLP-KT-3 or 3U
FA150K,L/FRA150L,M	All	FLP-KT-2 or 2U	185,185A,B,C,D,E/A185E,F	1850001 thru 18502310	FLP-KT-1 or 1U
152	15279406 thru 15285564	FLP-KT-2 or 2U	A185F	18502311 thru 18504448	FLP-KT-8 or 8U
152	15285565 thru 15286033	FLP-KT-3 or 3U	188,188A,B/A188A,B	1880001 thru 18802348	FLP-KT-3 or 3U
F152	F15201429 thru F15201908	FLP-KT-2 or 2U	A188B	18800967T thru 18803968T	FLP-KT-3 or 3U
F152	F15201909 thru F15201980	FLP-KT-3 or 3U	T188C	All	FLP-KT-3 or 3U
A152	A1520735 thru A1521014	FLP-KT-2 or 2U	210-5 (205), 210-5A (205A)	All	FLP-KT-1 or 1U
A152	A1521015 thru A1521049	FLP-KT-3 or 3U	206	All	FLP-KT-4 or 4U
FA152	FA1520337 thru FA1520387	FLP-KT-2 or 2U	206H/T206H	All	FLP-KT-11 or 11U
FA152	FA1520388 thru FA1520425	FLP-KT-3 or 3U	P206,A,B,C,D,E	All	FLP-KT-4 or 4U
170B	All	FLP-KT-1 or 1U	TP206A,B,C,D,E	All	FLP-KT-4 or 4U
172,172A,B,C	All	FLP-KT-1 or 1U	TU206A,B,C,D,E	U2060487 thru U20601568	FLP-KT-4 or 4U
172D,E,F,G,H,I,K,L,M,N	All	FLP-KT-2 or 2U	TU206E,F,G	U20601569 thru U20607020	FLP-KT-9 or 9U
172RG	172RG0001 thru 172RG0416	FLP-KT-2 or 2U	U206, U206A,B,C,D,E	U2060276 thru U20601568	FLP-KT-4 or 4U
172RG	172RG0417 thru 172RG1191	FLP-KT-3 or 3U	U206E,F,G	U20601569 thru U20607020	FLP-KT-9 or 9U
172P,Q	All	FLP-KT-3 or 3U	207,207A,T207,T207A	All	FLP-KT-4 or 4U
172R	All	FLP-KT-10 or 10U	208, 208A,B	All	FLP-KT-12
172S	All	FLP-KT-10 or 10U	210,A,B,C	All	FLP-KT-1 or 1U
F172D,E,F,G,H,K,L,M,N	All	FLP-KT-2 or 2U	210D,E,F	All	FLP-KT-6
F172P	All	FLP-KT-3 or 3U	210G,H,I,K,L,M,N,R	All	FLP-KT-7
FR172E,F	All	FLP-KT-1 or 1U	P210N,R	All	FLP-KT-7
FR172G,H,J	All	FLP-KT-2 or 2U	T210F	All	FLP-KT-6
FR172K	All	FLP-KT-8 or 8U	T210G,H,I,K,L,M,N,R	T2100198 thru T2100454	FLP-KT-7
P172	All	FLP-KT-2 or 2U	336	All	FLP-KT-13
R172K	All	FLP-KT-8 or 8U	337, 337A,B,C,D,E,F,G,H	All	FLP-KT-14
175,175A,B,C	All	FLP-KT-1 or 1U	F337E,F,G,H	All	FLP-KT-14
177,177A,B	All	FLP-KT-4 or 4U	FT337E,F	All	FLP-KT-14
177RG	All	FLP-KT-4 or 4U	FT337GP, HP	All	FLP-KT-15
F177RG	All	FLP-KT-4 or 4U	M337B	All	FLP-KT-14
180,A,B,C,D,E,F,G,H,J	30000 thru 18052384	FLP-KT-1 or 1U	P337H	All	FLP-KT-15
180	18052385 thru 18053203	FLP-KT-8 or 8U	T337B,C,D,E,F	All	FLP-KT-14
182,182A,B,C,D	All	FLP-KT-1 or 1U	T337G	All	FLP-KT-15
182,E,F,G,H,I,K,L,M,N,P,Q,R	All	FLP-KT-3 or 3U	T337H	All	FLP-KT-14
182S,T	All	FLP-KT-3 or 3U	T337H-SP	All	FLP-KT-15

Partial model eligibility

Kit components are listed on the following page.



Component List for Flap Roller Kits for Cessna Aircraft

Each flap roller kit contains enough components for one aircraft. All basic kits include the rollers, bushings, shims, spacers where required and a copy of SEB95-3 Service Bulletin. The upgrade kits contain the same components, the wear washers required by Cessna SEB95-3 for the forward locations, MCSK100 Flap Roller Service Kits for the rear locations, and attachment nuts, bolts, and washers. Part numbers for the upgrade kits end in "U".

Note: SEB95-3 REV. 1 Service Bulletin is not applicable to 172R,S, 182S,T, T182T, 206H, T206H, 208, 336 and 337 aircraft.

Flap Upgrade Kits contain bolts, nuts and washers for several aircraft models. The installer must determine the correct nut, bolt and washer combination for each installation.

Kit P/N	Qty	Part Number	Description
FLP-KT-1	8	MC0523919	Bushings
	2	MC0523920	Rollers
	6	MC0523921	Rollers
	12	MCS1450-5N12-050	Shims
	1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-1U	4	AN3-10A	Bolts
	8	AN3-11A	Bolts
	8	AN960-10	Washers
	6	MC0523919	Bushings
	2	MC0523920	Rollers
	4	MC0523921	Rollers
	8	MCS14503S10-032	Wear Washers
	12	MCS1450-5N12-050	Shims
	2	MCSK100	Service Kits
	8	MS21044N3	Nuts
FLP-KT-2	1	SEB95-3 REV. 1	Service Bulletin
	8	MC0523919	Bushings
	2	MC0523920	Rollers
	6	MC0523921	Rollers
	2	MC1220114-2	Spacers
FLP-KT-2U	12	MCS1450-5N12-050	Shims
	1	SEB95-3 REV. 1	Service Bulletin
	4	AN3-10A	Bolts
	8	AN3-11A	Bolts
	8	AN960-10	Washers
	6	MC0523919	Bushings
	2	MC0523920	Rollers
	4	MC0523921	Rollers
	2	MC1220114-2	Spacers
	8	MCS14503S10-032	Wear Washers
FLP-KT-3	12	MCS1450-5N12-050	Shims
	2	MCSK100	Service Kits
	8	MS21044N3	Nuts
	1	SEB95-3 REV. 1	Service Bulletin
	8	MC0523919	Bushings
FLP-KT-3U	2	MC0523920	Rollers
	6	MC0523921	Rollers
	4	MC1220114-1	Spacers
	1	SEB95-3 REV. 1	Service Bulletin
	4	AN3-10A	Bolts
	8	AN3-11A	Bolts
	8	AN960-10	Washers
	6	MC0523919	Bushings
	2	MC0523920	Rollers
	4	MC0523921	Rollers
FLP-KT-4	4	MC1220114-1	Spacers
	1	SEB95-3 REV. 1	Service Bulletin
	12	MC0523919	Bushings
	2	MC0523920	Rollers
	10	MC0523921	Rollers

Kit P/N	Qty	Part Number	Description
FLP-KT-4U	6	AN3-10A	Bolts
	12	AN3-11A	Bolts
	12	AN960-10	Washers
	8	MC0523919	Bushings
	2	MC0523920	Rollers
	6	MC0523921	Rollers
	4	MC1220114-1	Spacers
	12	MCS14503S 10-032	Wear Washers
	4	MCSK100	Service Kits
	12	MS21044N3	Nuts
FLP-KT-6	1	SEB95-3 REV. 1	Service Bulletin
	2	MC0523920	Rollers
	10	MC0523921	Rollers
	12	MC0523919	Bushings
	12	MCS1450-5N12-050	Shims
FLP-KT-7	1	SEB95-3 REV. 1	Service Bulletin
	6	MC0523920	Rollers
	6	MC0523921	Rollers
	12	MC0523919	Bushings
	12	MC1220114-1	Spacers
FLP-KT-8	1	SEB95-3 REV. 1	Service Bulletin
	8	MC0523919	Bushings
	2	MC0523920	Rollers
	6	MC0523921	Rollers
	4	MC1220114-1	Spacers
FLP-KT-8U	12	MCS1450-5N12-050	Shims
	1	SEB95-3 REV. 1	Service Bulletin
	4	AN3-10A	Bolts
	8	AN3-11A	Bolts
	8	AN960-10	Washers
	6	MC0523919	Bushings
	2	MC0523920	Rollers
	4	MC0523921	Rollers
	4	MC1220114-1	Spacers
	8	MCS14503S10-032	Wear Washers
FLP-KT-9	12	MCS1450-5N12-050	Shims
	2	MCSK100	Service Kits
	8	MS21044N3	Nuts
	1	SEB95-3 REV. 1	Service Bulletin
	12	MC0523919	Bushings
FLP-KT-9U	4	MC0523920	Rollers
	8	MC0523921	Rollers
	8	MC1220114-1	Spacers
	4	MCS14503S10-032	Wear Washers
	6	MCSK100	Service Kits
FLP-KT-10	12	MS21044N3	Nuts
	1	SEB95-3 REV. 1	Service Bulletin
	8	MC0523919	Bushings
	2	MC0523920	Rollers
	16	MS21044N3	Nuts

Kit P/N	Qty	Part Number	Description
FLP-KT-10U	8	MC0523919	Bushings
	2	MC0523920	Rollers
	6	MC0523921	Rollers
	4	MC1220114-1	Spacers
	1	SEB95-3 REV. 1	Service Bulletin
FLP-KT-10U	8	AN3-10A	Bolts
	4	AN3-11A	Bolts
	8	AN960-10	Washers
	6	MC0523919	Bushings
	2	MC0523920	Rollers
	4	MC0523921	Rollers
	4	MC1220114-1	Spacers
	8	MCS14503S10-032	Wear Washers
	2	MCSK100	Service Kits
	8	MS21044N3	Nuts
FLP-KT-11	1	SEB95-3 REV. 1	Service Bulletin
	12	MC0523919	Bushings
	4	MC0523920	Rollers
	8	MC0523921	Rollers
	8	MC1220114-1	Spacers
FLP-KT-11U	1	SEB95-3 REV. 1	Service Bulletin
	6	AN3-10A	Bolts
	12	AN3-11A	Bolts
	12	AN960-10	Washers
	8	MC0523919	Bushings
	4	MC0523920	Rollers
	8	MC0523921	Rollers
	4	MC1220114-1	Spacers
	8	MCS14503S10-032	Wear Washers
	4	MCSK100	Service Kits
FLP-KT-12	12	MS21044N3	Nuts
	1	SEB95-3 REV. 1	Service Bulletin
	4	AN3-11A	Bolts
	6	AN4-11A	Bolts
	4	MC0523919	Bushings
	4	MC0523921	Rollers
	8	MCS1450S310 032	Wear Washers
	4	MS21044N3	Nuts
	6	MS21044N4	Nuts
	6	MS21442-121	Bearings
FLP-KT-13	4	NAS1149F0332P	Washers
	4	NAS1149F0363P	Washers
	6	NAS1149F0432P	Washers
	6	NAS1149F0463P	Washers
	16	AN3-10A	Bolts
	16	MC0523919	Bushings
	8	MC0523920	Rollers
	8	MC0523921	Rollers
	32	MCS1450-5N12-050	Shims
	16	MS21045L3	Nuts
FLP-KT-14	16	AN3-10A	Bolts
	16	MC0523919	Bushings
	8	MC0523920	Rollers
	8	MC0523921	Rollers
	16	MC1220114-1	Spacers
FLP-KT-15	16	MS21045L3	Nuts
	16	AN3-10A	Bolts
	16	MC0523919	Bushings
	8	MC0523920	Rollers
	8	MC0523921	Rollers

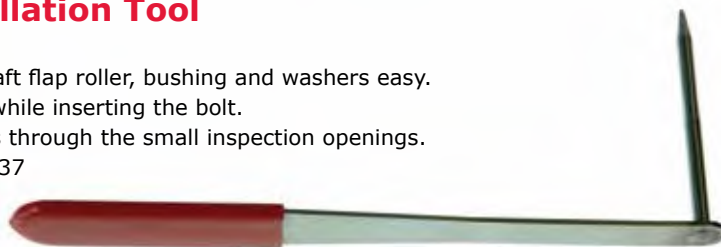


**Flap roller kits for
208 and 336/337
aircraft!**

Flap Roller Installation Tool

Part Number 970

- Makes installation of the aft flap roller, bushing and washers easy.
- Holds parts in alignment while inserting the bolt.
- Long handle allows access through the small inspection openings.
- Use on Cessna 150 thru 337



Flight Control Surface Parts and Attaching Hardware



Rudder and Elevator Bushing Kits for Cessna Aircraft

Solves all fit problems!

McFarlane supplies two bushing sizes for each hinge location.

This allows a selective fit and solves the common Cessna fit and interference problems.

- Hardened corrosion resistant stainless steel
- Cessna models 120 thru 177
- Convenient kits include all bushings, sintered bronze bearings and hardware for one aircraft.
Note: Kits do not include bellcrank bearings or bushings.
- All components are also available separately.



Model	Serial Number	Elevator Bushing Kit	Rudder Bushing Kit
120,140,140A	All	EBC-KT-6	RBC-KT-8
150,150A,B,C,D,E	All	EBC-KT-1	RBC-KT-1
150F,G,H,J	All	EBC-KT-1	RBC-KT-2
150K ¹ , A150K ¹	150K S/N 15071129 thru 15071621 and A150K S/N A1500001 thru A1500129	EBC-KT-1	RBC-KT-3
150K ¹ ,L,M, A150K ¹ ,L,M	150K S/N 15071622 thru 15072003 and A150K S/N A1500130 thru A1500226	EBC-KT-2	RBC-KT-3
A-150L, A-A150L	All	EBC-KT-2	RBC-KT-3
F150F,G,H,J	All	EBC-KT-1	RBC-KT-2
F150K ¹ ,L, FA150K ¹	F150L S/N F15000659 thru F15000699 and FA150K S/N FA1500001 thru FA1500039	EBC-KT-1	RBC-KT-3
F150L ¹ ,M, FA150K ¹ ,L,M	F150L S/N F15000700 thru F15001143 and FA150K S/N FA1500040 thru FA1500081	EBC-KT-2	RBC-KT-3
FRA150L,M	All	EBC-KT-2	RBC-KT-3
152 ¹ , A152 ¹	152 S/N 15279406 thru 15285833 and A152 S/N A1520735 thru A1521025	EBC-KT-3	RBC-KT-3
152 ¹ , A152 ¹	152 S/N 15285834 thru 15286033 and A152 S/N A1521026 thru A1521049	EBC-KT-4	RBC-KT-3
F152 ¹ ,L, FA152 ¹	F152 S/N F15201429 thru F15201943 and FA152 S/N FA1520337 thru FA1520387	EBC-KT-3	RBC-KT-3
F152 ¹ , FA152 ¹	F152 S/N F15201944 thru F15201980 and FA152 S/N FA1520388 thru FA1520425	EBC-KT-4	RBC-KT-3
170, 170A,B	All		RBC-KT-11
172, 175	172 S/N 28000 thru 46754 and 175 S/N 55001 thru 56238	EBC-KT-5	RBC-KT-4 or RBC-KT-4A ⁴
172A,B,C ¹ , 175A,B,C ¹	172A,B,C S/N 46755 thru 17249085 and 175A,B,C S/N 56239 thru 17557064	EBC-KT-5	RBC-KT-5
172C ¹ , 175C ¹	172C S/N 17249086 thru 17249544 and 175C S/N 17557065 thru 17557119	EBC-KT-5	RBC-KT-6
172D,E,F,G,H,I,K,L,M,N,P ¹	S/N 17249545 thru 17275963	EBC-KT-5	RBC-KT-6
172P ¹ ,Q,R,S	S/N 17275964 and On	EBC-KT-5	RBC-KT-7
172RG, P172D, R172K	All	EBC-KT-5	RBC-KT-6
F172D,E,F,G,H,K,L,M,N,P ¹	S/N F172-0001 thru F17202208	EBC-KT-5	RBC-KT-6
F172P ¹	S/N F17202209 thru F17202254	EBC-KT-5	RBC-KT-7
FP172, FR172E,F,G,H,J,K	All	EBC-KT-5	RBC-KT-6
177,177A,B,177RG,F177RG	All	No kit available	MC0532104K Bushing Only

¹ Partial model eligibility.

Rudder Bushing Kit Components

Kit P/N	Qty	Part Number	Description
RBC-KT-1	1	MCS1003-65A	Bearing
	1	MC0432003-1K	Bushing ⁵
	1	AN3-7A	Bolt
	1	NAS1149F0363P	Washer
RBC-KT-2	3	MCS1004-42A	Bearing
	3	MC0532104K	Bushing ⁵
	3	AN4-11A	Bolt
	3	NAS1149F0463P	Washer
RBC-KT-3	3	MS21042L4	Nut
	3	MCS1004-42A	Bearing
	3	MC0532104K	Bushing ⁵
	3	AN4-10A	Bolt
RBC-KT-4 ⁴	3	NAS1149F0463P	Washer
	3	MS21042L4	Nut
	2	MCS1003-29A	Bearing
	2	MC0532104K	Bushing ⁵
RBC-KT-4A ⁴	2	AN4-11A	Bolt
	2	NAS1149F0463P ³	Washer
	2	MS21042L4 ³	Nut
	1	RBC-KT-4	Rudder Bushing Kit
RBC-KT-5	1	MS21044N4	Nut
	1	MS24462-4	Bearing
	1	NAS1149F0432P	Washer
	1	NAS1149F0463P	Washer
RBC-KT-6	2	MCS1003-29A	Bearing
	1	MCS1004-42A ²	Bearing
	3	MC0532104K	Bushing ⁵
	3	AN4-11A	Bolt
RBC-KT-7	3	NAS1149F0463P	Washer
	2	MCS1003-29A	Bearing
	1	MCS1004-42A ²	Bearing
	3	MC0532104K	Bushing ⁵
RBC-KT-8	3	AN4-11A	Bolt
	2	NAS1149F0432P ³	Washer
	2	MS21042L4 ³	Nut
	2	MC0431119K	Bushing ⁵
RBC-KT-11	2	MCS1003-11A	Bearing
	2	AN3-7A	Bolt
	2	MS21044N3	Nut
	2	AN4-11A	Bolt

Elevator Bushing Kit Components

Kit P/N	Qty	Part Number	Description
EBC-KT-1	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing ⁵
	2	AN3-7A	Bolt
	2	NAS1149F0363P	Washer
EBC-KT-2	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing ⁵
	2	AN3-7	Bolt
	2	NAS1149F0363P	Washer
EBC-KT-3	2	AN310-3	Nut
	2	MS24665-132	Pin
	2	MCS1003-65A	Bearing
	2	MC0432003-1K	Bushing ⁵
EBC-KT-4	2	AN3-7A	Bolt
	2	NAS1149F0363P	Washer
	2	MS21044N3	Nut
	2	MCS1003-28A	Bearing
EBC-KT-5	2	MC0432173-3K	Bushing ⁵
	2	AN4-7A	Bolt
	2	NAS1149F0463P	Washer
	2	MS21042L4	Nut
EBC-KT-6	4	MCS1003-29A	Bearing
	4	MC0532104K	Bushing ⁵
	4	AN4-11A	Bolt
	4	NAS1149F0463P	Washer
EBC-KT-6	4	MS21042L4	Nut
	4	MC0422215	Bushing
	4	S1997-7G8	Bearing
	4	AN4-11A	Bolt
EBC-KT-6	4	MS21044N4	Nut

Notes:

- ² Lower Hinge Only
- ³ Center and Lower Hinge Only
- ⁴ Kit RBC-KT-4 contains components to service the upper and middle hinges. Kit RBC-KT-4A contains components to service the upper, middle and lower (bellcrank) hinges.
- ⁵ Bushing part numbers MC0431119K, MC0432003-1K, MC0432173-3K and MC0532104K include a nominal bushing (with no "K" suffix), an oversized bushing (with a "P1" suffix), and selective fit instructions.
Example: MC0432003-1K includes nominal bushing MC0432003-1 and oversized bushing MC0432003-1P1.



Elevator and Rudder Bearing Installation Tool for Cessna Aircraft

Makes
pressing
bearings in
or out easy!
P/N 990



This unique tool is specifically designed to prevent damage when installing and removing sintered bronze rudder and elevator hinge bearings.

- Eight piece kit for all sizes of sleeve bearings.
- Heat treated stainless steel will last a lifetime.
- Comes in a convenient storage pouch.



CONTROL HINGE BUSHING IDENTIFICATION



Flight Control Surface Parts and Attaching Hardware

Rudder and Elevator Hinge Bearing Kits for Cessna Caravan Aircraft

In stock for immediate shipment! Buy with confidence.

- Convenient kits include bearings and all attaching hardware
- Kits for aircraft equipped with and without hinge modification service kits
- One elevator kit and one rudder kit required per aircraft
- Industry standard hardware

Cessna has issued several non-mandatory service bulletins and service kits for the rudder and elevator hinge bearings on the Caravan due to a corrosion issue with the needle bearing. The service kits require modification to the hinge structure, not just the bearing itself. The new bearing is a different size than the "original" design, so the mounting hardware is different as well. Because of these structural changes any aircraft that has had the service kits installed cannot use hardware from a non-service kit aircraft. McFarlane offers kits for both configurations.

Aircraft	Serial Number	Elevator Kit P/N	Rudder Kit P/N
208	20800001 thru 20800221	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208	20800222 thru 20899999	EBC-KT-7	RBC-KT-9
208A	20800007 thru 20800102	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208B	208B0001 thru 208B0318	EBC-KT-7 1	RBC-KT-9 3
		EBC-KT-8 2	RBC-KT-10 4
208B	208B0319 thru 208B9999	EBC-KT-7	RBC-KT-9

1 With SK208-102, SK208-106, & SK208-107 installed.
2 Without SK208-102, SK208-106, & SK208-107 installed.
3 With SK208-99, SK208-104 and SK208-105 installed.
4 Without SK208-99, SK208-104 and SK208-105 installed.

Kit Contents: (Components also available separately)

P/N EBC-KT-7			P/N EBC-KT-8			P/N RBC-KT-9			P/N RBC-KT-10		
Qty	Part Number	Description	Qty	Part Number	Description	Qty	Part Number	Description	Qty	Part Number	Description
4	AN4-12	Bolt	4	AN5-10	Bolt	3	AN4-12	Bolt	3	AN4-11	Bolt
1	AN4-13	Bolt	1	AN5-13	Bolt	3	MS17825-4	Nut	3	MS17825-4	Nut
5	MS17825-4	Nut	5	MS17825-5	Nut	3	MS24665-134	Cotter Pin	3	MS24462-4	Bearing
4	MS24665-134	Cotter Pin	5	MS24461-5	Bearing	3	MS27641-4	Bearing	3	MS24665-134	Cotter Pin
1	MS24665-136	Cotter Pin	4	MS24665-134	Cotter Pin	3	NAS1149F0432P	Washer	3	NAS1149F0432P	Washer
5	MS27641-4	Bearing	1	MS24665-136	Cotter Pin	6	NAS1149F0463P	Washer	6	NAS1149F0463P	Washer
4	NAS1149F0432P	Washer	10	NAS1149F0563P	Washer						
6	NAS1149F0463P	Washer									

Save \$\$



Hinge and Bellcrank Bearing for Cessna Aircraft

Hard to find, frequently replaced! Buy from McFarlane and Save \$\$

P/N MS24462-4

Aircraft Model	Aileron Hinge Qty/Aircraft	Elevator Bellcrank Qty/Aircraft	Center Elev. Hinge Qty/Aircraft	Rudder Hinge Qty/Aircraft	Elevator Hinge Qty/Aircraft	Rudder Bellcrank Qty/Aircraft
172, 175						1
177, 177A,B, 177RG, F177RG	6					
180, 180A,B,C,D,E,F,G,H,J,K			1		4	
182, 182A,B,C,D			1		4	
182E,F,G,H,J,K,L,M,N,P,Q,R,S,T, A182J,K,L,N, F182P,Q, FR182, R182, T182, T182T, TR182			1		4 1	
185, 185A,B,C,D,E, A185E,F			1		4	
188, 188A,B, A188, A188A, A188B, T188C	6				4	
210-5 (205), 210-5A (205A)			1	1	4	
206, U206, U206A,B,C,D,E	4		1		4	
206H, T206H	4	1	1		4 2	
P206, P206A,B,C,D,E	4		1			
TP206A,B,C,D,E, TU206A,B,C,D,E	4		1		4	
TU206F,G, U206F,G			1		4	
207, 207A, T207, T207A	4	1	1		4	
210, 210A			1		4	
210B,C			1	1	4	
210D,E,F	4	1	1	1	4	
210G,H,J			1		4	
210K,L,M	6	1	2		4	
210N,R	6	1	1		4	
P210N	6	1	1			
P210R	6	1	1		4	
T210F	4	1	1	1	2	
T210G,H,J			1		4	
T210K,L,M	6	1	2		4	
T210N,R	6	1	1		4	

1 182T s/n 18280945 thru 1821642; T182T s/n 18208001 thru 18208447 only
2 For installation on 206H, T206H s/n 20608001 thru 20608956 & T20608001 thru T20608956 only

P/N MS24461-4
 Used as aileron and elevator bearings on many single engine Cessna aircraft!



P/N S1K5 Bearing, Fafnir

Aircraft Model
 170, 170A,B
 180, 180A,B,C,D,E,F,G,H,J,K
 182, 182A,B
 185, 185A,B,C,D,E, A185E,F**1**
 188, 188A,B
 A188B**2**
 A188B**3** (w/ large hopper)
1 185-0001 thru 18504425
2 18802349 thru 18803856
3 18800967T thru 18803968T



Supersedure Table	
4NBC612ZP	USE MS24461-4
4NCC910P	USE MS24462-4
AR4-1	USE MS24462-4
NAS296-4A	USE MS24462-4
NAS505-4	USE MS24461-4
NAS506-4	USE MS24462-4

Landing Gear and Nose Wheel Steering Parts



Can You Stop Nose Gear Shimmy?

By Dave McFarlane



"A Cessna nose wheel is supposed to shimmy."

"You can't really stop it."

"All the Pipers do it."

You have heard similar comments many times. My response is always the same question. "Did it shimmy when it was new?" I would like to share with you our experience in solving this problem.

I will bore you with the routine detail of what to look for and how to fix the mechanical issues that allow shimmy to get started in a minute. First, let's talk about the physics of nose gear shimmy. Years ago and after a lot of frustration by us and our customers and a lot of experimenting, we discovered what was causing our shimmy problems. We observed that uncorrectable nose gear shimmy seemed to only happen on hard surface runways and rarely on turf runways. Our customers reported that they could stop the shimmy by either taking weight off the nose gear with the elevator or applying the brakes putting more weight on the nose gear. It didn't seem logical that just changing the weight on the nose gear could affect shimmy since the airplane is designed to function with different loading on the nose gear and the weight change does not significantly change the nose gear geometry. We guessed that our customer's shimmy might have been stopped by the fact that the changing nose weight also changed the tire shape. We assumed that when the tire shape changes so does the contact profile of the tire to the runway. We had already done all of the normal things to perfect the

Nose gear shimmy is destructive and not normal, and yes, it can be stopped. Never allow any amount nose gear shimmy to continue. The quicker you take action, the easier it will be to stop it.

nose gear and shimmy damping system rigging and mechanicals. The customer's tire seemed fine with no unusual wear patterns that could be detected. We still had shimmy! In frustration, an experiment was done by removing some tread rubber from the tire. It did not seem to be a logical solution, but it worked. The shimmy went away!

There are some interesting dynamics going on during the shimmy action (besides trying to vibrate your airplane apart). When the nose tire is shimmying down the runway it is oscillating from pointing left and then pointing right many times per second while the airplane is going straight. The greater the tire angle diverges from straight ahead, the greater the shimmy inertia and energy. Since the oscillations are equal in divergence angle and time duration, the rubber on your tire is being scuffed in a uniform and distinct pattern that repeats itself each revolution of the tire. This wear pattern shape is directly related to the tire shape created by the amount of weight on the nose tire, the tire pressure, and the speed of the aircraft. The frequency of the shimmy is a derivative of these factors. You might have noticed a braking feel to the airplane when severe shimmying is happening. The braking is from the nose tire skidding sideways during the more extreme angle divergent portion of the shimmy cycle. Since shimmy generally takes place for a short time, the early stages of this wear pattern are microscopic and hard to detect visually or by feeling the tire tread by hand. After the first shimmy, the then created wear pattern tends to start the oscillating action when the airplane speed and nose gear weight matches the speed and weight that the airplane was traveling when the shimmy

Drop a plumb bob to determine aircraft center line



One of the hardest parts of proper rigging is determining where the nose tire is straight ahead.

The method we use is to create an airplane center line by dropping a plumb bob from the center of the firewall to the ground (center can be determined from the rivet pattern or measuring from the motor mount attachments) and again dropping the plumb bob from the center of the tail tie down hook. Mark both of the plumb bob points on the shop floor and create a chalk line mark between the points. This is your airplane center line. Extend the center line forward as close to the nose tire as possible.

Place a straight 2x4 stud or a piece of straight angle iron against the side of the nose tire. Adjust the nose wheel and tire until the 2x4 is parallel with the airplane center line. Check your results by placing the 2x4 on the other side of the tire. The 2x4 acts as a tire angle multiplier giving you measurable results.

Parallelism can be checked by simply measuring the distance between the 2x4 and the chalk line in two places. Be sure not to move the airplane while you make your nose gear alignment adjustments.

wear pattern was created. You might have noticed that shimmy starts at about the same landing or taxiing speed each time. The results are that the shimmy gets worse every time it happens even if the mechanical issues that let it start shimmying the first time have been corrected and the shimmy damper is working and trying to do its job. The shimmy damper simply is not strong enough to prevent shimmy when a nose tire has an established shimmy wear pattern in the tread. The hidden mystery to this problem is that early shimmy wear patterns in the tire are virtually undetectable.

Continued on next page.

Landing Gear and Nose Wheel Steering Parts

Continued from previous page

Prevention Tips

The key to shimmy problems is to prevent shimmy from starting in the first place. You have to start with the routine stuff that is in the service manuals. The Cessna Pilots Association has a very good article on fixing the mechanical issues associated with nose shimmy on Cessna airplanes. Their Tech Note No. 001, Revision 004 dated 04/15/2010 does a good job of describing and illustrating the system and directing corrective repairs. This tech note seems to parallel the Cessna Service Information Letter SE84-21 on the same subject.

1 The first step in preventing the problem is to look for any un-damped nose gear movement. This is motion of the nose tire without the shimmy damper moving. Looseness in the nose gear system cannot be detected with the nose wheel off the ground unless the pressure is released from the nose strut. When you move the nose wheel right and then left, the shimmy damper should also move. If there is any un-damped motion, tighten or replace the worn components such as the torque link bushings and spacers, the steering collar, and shimmy damper attachments.

2 Remove the shimmy damper attachments. Check the shimmy damper for proper fluid and proper operation. Check the damper for seal condition and excessive wear in the piston and damper bore. The damper shaft must have considerable resistance to motion when moved quickly but move easily when moved slowly.

3 Nose gear rigging is important to prevent shimmy. If the steering rods or bungees are biased, damaged, or holding improper tension, shimmy can be started. The aircraft service manuals do a good job of describing proper nose gear rigging procedures. Wheel bearings must be in good condition and properly adjusted.

4 Bad bearings or adjustments can allow un-damped tire movement. Tire balance is also critical for preventing shimmy as an out of balance tire puts cyclic centrifugal loads on the tire tread. Out of round tires will do the same thing. One of the objectives of preventing shimmy is to not have any type of cyclic loads going into the tire system.

5 Check the tire itself for casing shift or other damage as follows:

- Take the weight off the nose tire for a period of time to let the tire take its proper shape.
- Assure that the tire is inflated to the proper pressure for the aircraft.
- Spin the tire by hand and look for any significant lateral divergence (tire wobble) or vertical divergence (out of round). The tire must rotate true, but a little out of round is normal.
- If tire casing shape problems are detected, let the tire stabilize longer without weight. If that does not correct the problem, the only fix is to replace the tire.
- If the tire casing seems to run out true and the tire is determined to be airworthy in all aspects, remove the shimmy wear pattern in the tire tread.

How do you remove rubber on a good tire to get rid of this mysterious and evil tread wear pattern that nobody can see or feel? We use an electric disc grinder that is used in the weld shop for grinding welds and smoothing structural steel. Any large sanding disk power tool with a coarse grit disc or a belt sander would also work. There will be some rubber flying around the shop so this is a good job to do outside. Get someone else to do it if you have allergic reactions to latex or rubber products. Block the nose gear off the ground and give the tire time to stabilize its shape without weight. Again assure that the tire has the correct inflation pressure. Touch the grinder to the tire at an angle that rotates the tire and removes rubber. With a little practice you will be able to control the tire rotational speed with small grinder angle adjustments. If you allow the tire to rotate too



Use a belt sander to remove the shimmy wear pattern in the tread.

fast, very little rubber will be removed. If you allow the tire to rotate too slow, it is hard to remove the rubber evenly. Taxi speed tire rotation seems to work best. You can actually remove small "out of round" tire conditions by being steady with the grinder and allowing the grinder to work harder on the tire high spots. The grinder must be worked across the tire tread as evenly as you can. Never grind into the sidewall of the tire. You can feel advanced shimmy wear patterns before you start and they will take more work to remove than the patterns you cannot feel. The tire must feel smooth and even when you are done. Only experience will tell you how much rubber to remove. Be sure that the tire has good tread depth when you are finished, and verify that there is not any inadvertent damage to the tire. Clean up the rubber grindings and high speed taxi test the airplane. You will probably be smiling with the results. It is a good idea to re-balance the tire after grinding the tread and before returning the aircraft to service. If the test does fail, repeat the process. Yes, with a little patience, this shimmy beast can be tamed!



Wheel balancer P/N TOOL108 to check tire for proper balance.

Landing Gear and Nose Wheel Steering Parts

McFarlane

FAA-PMA Approved

Nose Wheel Steering Rod Boots for Cessna Aircraft

P/N MC0413304-3 for 150-152 series and P/N MC0543015-6 for 172, 175 and early 182 series

McFarlane steering rod boots are manufactured with a black Kevlar®/fiberglass blend fabric. The fatigue resistance of Kevlar is uniquely mated with the fire resistance of fiberglass. This is a super tough, high temperature fabric that will provide many years of outstanding performance.

- Keeps the exhaust and carbon monoxide out of the cabin
- Protects the cabin in case of an engine fire



These Bad Boys Can Take the Abuse!

Nose Wheel Steering Rods for Cessna Aircraft

Tired of 'soft' worn out steering rods? Replace them with improved McFarlane steering rods.

- New redesigned long life springs!
- Stainless steel tubes for improved corrosion resistance (MC0543022 Series).
- Hardened internal washer for greater durability
- Optimum performance even after years of service!



MC0543022 Series

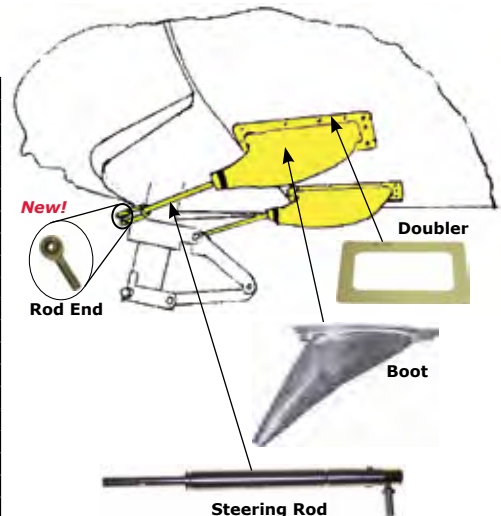


MC0743008 Series

Maintenance Tip:

How do I know if my steering rods need to be replaced?

- Nose wheel steering is unusually sluggish.
- One or both sides offer little or no spring resistance to steering input.
- More than 1 1/8" of free travel is present in either steering rod.
- The aircraft pulls to either side during taxiing.
- Inconsistent steering or rudder rigging.



New!

Rod End

Doubler

Boot

Steering Rod

Model	S/N	Boot (2 per A/C)	Steering Rod		Doubler (2 per A/C)	Rod End <i>New!</i> (2 per A/C)
			Left Hand	Right Hand		
150, 150A,B,C,D,E,F,G,H	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1107-3
150J,K,L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
A150K,L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
F150F,G,H	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
F150J,K,L,M, FA150K,L	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
FRA150L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
152, A152, F152, FA152	All	MC0413304-3	MC0543022-3	MC0543022-4	0413304-6	S1823-3
172, 172A	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1107-3
172B,C	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3
172D,E,F,G,H,I,K,L,M,N,P,Q	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
F172D,E,F,G,H,K,L,M,N,P	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
FP172	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
FR172E,F,G,H,J,K	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
P172	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
R172K	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
172R,S	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
175, 175A,B,C	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3
177, 177A,B	All					S1823-3
182,A,B,C,D	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3

Seal Kits for Cessna Shimmy Dampers

Part Number SDKT-1

Seal kits contain the industry standard o-rings required to reseal the Cessna shimmy damper.



Model	Year	Serial Number	Shimmy Damper
150, 150A,B,C,D,E	59-66	17001 thru 15064532	0442512-6
F150	1966	F150-0001 thru F150-0067	0442512-2
150F,G,H,J,K,L,M	67-77	15064533 thru 15079405	0442512-1
A150K,L,M	70-77	A1500001 thru A1500734	0442512-1
F150G,H,J,K,L,M	67-77	F150-0068 thru F15001428	0442512-1
FA150K,L	70-71	FA1500001 thru FA1500120	0442512-1
FRA150L,M	72-77	FRA1500121 thru FRA1500336	0442512-1
152	78-85	15279406 thru 15286033	0442512-1
A152	78-85	A1520735 thru A1521049	0442512-1
F152	78-86	F15201429 thru F15201980	0442512-1
FA152	78-86	FA1520337 thru FA1520425	0442512-1
172D,E,F,G,H,I,K,L,M,N,P	63-86	17249545 thru 17276673	0442512-1
P172	1963	P17257120 thru P17257188	0442512-1
R172	77-81	R1722000 thru R1723454	0442512-1
F172D,E,F,G,H,K,L,M,N,P	63-86	F172-0001 thru F17202254	0442512-1
FR172	68-81	FR17200001 thru FR17200675	0442512-1

Removing Torque Link Bushings (Nose Gear Scissors)

By Dave McFarlane

Removing the flanged bushings from the torque link forging can be difficult as there is not a good surface to press against or grab onto. An easy way to remove them is to thread them with a tap, screw a bolt in the thread you made, and then drive or press against the bolt. The thread does not have to be a full depth thread for the bolt to hold securely in the bushing. The bushing material is somewhat hard, but not so hard that a standard hardware store tap will not do the job. Use cutting oil on the tap to prevent tap damage. Normally the bushing will then come out easily. For stubborn bushings, soak the link assembly in boiling water before pressing the bushing. The heat will expand the aluminum forging more than the steel bushing. This helps loosen the press fit while limiting the temperature to prevent from overheating and harming the heat treat of the aluminum forging. A controlled oven can be substituted for boiling water as a heat source, but do not exceed 350° F. Do not use flame or other non-controlled heat sources. An alternate method is to put dry ice in the bushing before driving or pressing on the bolt you threaded into the bushing. Do not over-press or hammer as the aluminum can gall to the bushing and leave a damaged bushing bore. If the bushing does not come out with light to moderate force take the time to use some heat or cold to help.

Landing Gear and Nose Wheel Steering Parts

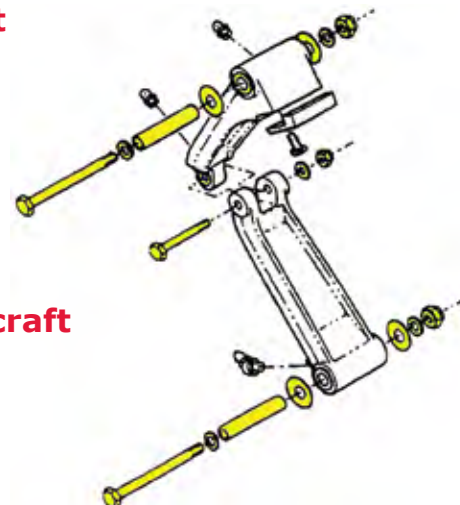
Nose Gear Torque Link Repair Kits for Cessna Aircraft

Part Numbers TL-KT-1 thru TL-KT-11

- Includes all commonly replaced torque link parts in a convenient kit.
- McFarlane manufactured FAA-PMA approved kits.
- Fits most single engine Cessna aircraft.
- Now with specific model eligibility.
- Prevents Nose Wheel shimmy.

Kits include:

Bushings, Spacers, Shims, Nuts, Bolts, Washers and Cotter Pins.



Brass Nose Gear Torque Link Shim Kit for Cessna Aircraft

- Eliminates undamped torque link motion to prevent shimmy
- Also available individually or in torque link repair kits

Part Number TL-SHIM-KT-1

Kit contains:

- (2) MCS1450-6B14-005 .005 Thick
- (2) MCS1450-6B14-007 .007 Thick
- (5) MCS1450-6B14-010 .010 Thick



Torque Link Spacers for Cessna Aircraft

Part Numbers MC0543047-1 and MC0543047-2

- Tightly controlled minimal end chamfer maximizes bearing surface between spacer and fork to ensure a secure clamp and prevent fork wear.
- Precision length



NAS1149F0316P Ultra-Thin Washers

These hard to find 3/16" ID, 0.016" thick standard steel washers are sometimes useful for fine tuning the center "knee" joint fit on most Cessna torque links.

Available in packs of 5.



Model	Serial Number	Part Number										
		TL-KT-1	TL-KT-2	TL-KT-4	TL-KT-5	TL-KT-6	TL-KT-7	TL-KT-8	TL-KT-9	TL-KT-10	TL-KT-11	TL-SHIM-KT-1
150, 150A,B,C,D,E,F,G,H,J,K,L,M	All	•										•
A150K-M, F150F-M, FA150K-M, FRA150L,M	All	•										•
152, A152, F152, FA152	All	•										•
172	28000 thru 36141, 36150 thru 36153							•				•
172, 172A,B,C,D,E,F,G,H,I,K,L,M,N,P,Q,R,S	36142 thru 36149, 36154 thru 172S9999	•										•
172RG	All					•						•
F172D-P, FP172, FR172E-K, P172D, R172K	All	•										•
175, 175A,B,C	All	•										•
177, 177A,B	All									•		•
177RG, F177RG	All					•						•
182	All	•							•			•
182A,B,C,D,E,F,G,H,J,K,L,M,N,P,Q	All	•										•
182R	All					•						•
182S,T	All	•										•
F182P,Q	All	•										•
R182, T182, FR182	All					•						•
T182T	All	•										•
TR182	All					•						•
205 (210-5) 205A, (210-5A)	All	•										•
206, P206, P206A, TP206A, TU206A, U206, U206A	All	•	•									•
P206B,C,D,E, TP206B,C,D,E	P206-0307 thru P20600641	•										•
P206E, TP206E	P20600642 thru P20600647											•
TU206B,C,D,E, U206B,C,D,E	U206-0657 thru U20601537	•										•
TU206E,F, U206E,F	U20601538 thru U20602199											•
TU206F,G, U206F,G	U20602200 thru U20607020											•
206H, T206H	All					•						•
207, T207	20700001 thru 20700228			•	•							•
207, 207A, T207, T207A	20700229 thru 20700788			•								•
210, 210A,B,C,D,E,F,G,H,J	All	•										•
210K	All	•	•									•
210L, T210L	21059503 thru 21060255	•					•					•
210L,M,N,R	21060256 thru 21065009						•					•
P210N,R	All						•					•
T210F,G,H,J,K	All	•										•
T210L,M,N,R	21060256 thru 21065009						•					•

Eligibility notes continue on the next page.

Landing Gear and Nose Wheel Steering Parts



FAA-PMA Approved

Eligibility notes:

- 1 Partial model eligibility
- 2 TL-KT-8 and TL-KT-9 torque link kits are used on Cessna model aircraft with heavy duty landing gear that utilizes AN6 size (3/8-24 UNF) bolts in the upper and lower torque link joints. The normal duty landing gear uses AN4 size (1/4-28 UNF) bolts in the upper and lower torque link joints. Call for additional details.
- 3 Aircraft models in this serial range may use one of two choices for McFarlane Torque Link Kits. The aircraft that have both upper and lower spacers measuring ~ 2 inches long will use McFarlane Torque Link Kit TL-KT-1 (containing two MC0543047-1 spacers). The aircraft that has an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use McFarlane Torque Link Kit TL-KT-2 (containing one MC0543047-1 and one MC0543047-2 spacer).
- 4 Aircraft models in this serial range may use one of two choices for McFarlane Torque Link Kits. The aircraft that have both upper and lower spacers measuring ~ 2 inches long will use McFarlane Torque Link Kit TL-KT-5 (containing two MC0543047-1 spacers). The aircraft that has an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use McFarlane Torque Link Kit TL-KT-4 (containing one MC0543047-1 and one MC0543047-2 spacer).
- 5 Aircraft models in this serial range may use one of two choices for McFarlane Torque Link Kits. The aircraft that have both upper and lower spacers measuring ~ 2 inches long will use McFarlane Torque Link Kit TL-KT-1 (containing two MC0543047-1 spacers). The aircraft that has an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use McFarlane Torque Link Kit TL-KT-7 (containing one MC0543047-1 and one MC0543047-2 spacer).
- 6 Aircraft models in this serial range may use one of two choices for McFarlane Torque Link Kits. The aircraft that have both upper and lower spacers measuring ~ 2 inches long will use McFarlane Torque Link Kit TL-KT-1 (containing two MC0543047-1 spacers). The aircraft that has an upper spacer measuring ~ 2.6 inches and a lower spacer measuring ~2 inches will use McFarlane Torque Link Kit TL-KT-11 (containing one MC0543047-1 and one MC0543047-2 spacer).
- 7 Call for details

Torque Link Stop Lugs and Safety Plate for Cessna Aircraft

Replace worn out stop lugs to reduce drag? Really?

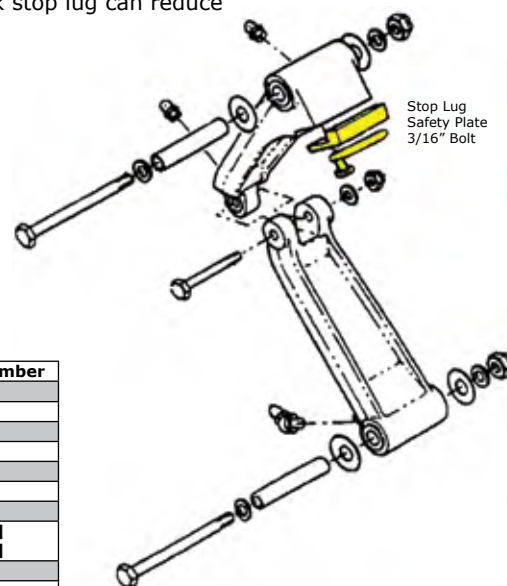
This often overlooked but important part is affordable at McFarlane! The torque link stop lug is a sacrificial part that hammers against a flat spot on the lower part of the shock strut outer tube when the strut extends after take off. This prevents the strut from overextending and forces the nose wheel and rudder system into proper alignment for flight.

Due to repeated hammering with every takeoff, these stop lugs must be periodically replaced. Excessive wear can allow overextension of the strut. They also often wear unevenly resulting in inconsistent alignment of the nose wheel in flight which then causes extra drag and yaw. The extra yaw can require increased rudder trim which causes even more drag. So yes, replacing a torque link stop lug can reduce drag!

- Safety plate features bend up tabs to secure stop lug bolts
- Super tough 4130 alloy steel for corrosion resistance
- Kits include stop lug, safety plate and applicable 3/16" bolts.

Maintenance Tip:

Replace the stop lug if it is no longer flush with the strut, mushroomed, worn rounded, bent away from the torque link, or if it has stress cracks. The safety plate should not be reused.



Aircraft	Serial Number	Stop Lug	Safety Plate	Kit Part Number
150D,E,F 1	15060477 thru 15063457	MC0442506-8 2	MC0442506-9 2	TLSL-KT-1
150G,H,J,K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1
A150K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1
F150F	F150-0001 thru F150-0055	MC0442506-8	MC0442506-9	TLSL-KT-1
F150G,H,J,K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1
FA150K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1
152, A152, F152, FA152	All	MC0442506-8	MC0442506-9	TLSL-KT-1
172H,I,K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1 2
172N,P,Q	All	MC0442506-8	MC0442506-9	TLSL-KT-2 3
172R,S	All	MC0442506-8	MC0442506-9	TLSL-KT-1
F172H,K,L,M	All	MC0442506-8	MC0442506-9	TLSL-KT-1 2
F172N,P	All	MC0442506-8	MC0442506-9	TLSL-KT-2 3
FR172E,F,G	All	MC0442506-8	MC0442506-9	TLSL-KT-1 2
FR172H,J	All	MC0442506-8	MC0442506-9	TLSL-KT-1
FR172K	All	MC0442506-8	MC0442506-9	TLSL-KT-2
R172E,F,G,H,K	All	MC0442506-8	MC0442506-9	TLSL-KT-2
182K,L,M,N	All	MC0442506-8 2	MC0442506-9	TLSL-KT-2 2
		MC0442506-11 3		TLSL-KT-4 3
182P 1	18260826 thru 18262465	MC0442506-11	MC0442506-9	TLSL-KT-4
	18262466 thru 18265175	MC0442506-11	MC0442506-9	TLSL-KT-4
182Q,R	All	MC0442506-11	MC0442506-9	TLSL-KT-4
182S,T	All	MC0442506-11	MC0442506-9	TLSL-KT-3
F182P,Q	All	MC0442506-11	MC0442506-9	TLSL-KT-4
T182T	All	MC0442506-11	MC0442506-9	TLSL-KT-3
206H, T206H	All		MC0442506-9	
P206B,C,D,E	All	MC0442506-8 2	MC0442506-9 2	TLSL-KT-2
TP206B,C,D,E	All	MC0442506-8 2	MC0442506-9 2	TLSL-KT-2
TU206B,C,D,E,F 1	U206-0657 thru U20602199	MC0442506-8 2	MC0442506-9 2	TLSL-KT-2
TU206F 1,G	U20602200 thru U20607020		MC0442506-9	
U206B,C,D,E,F 1	U206-0657 thru U20602199	MC0442506-8 2	MC0442506-9 2	TLSL-KT-2
U206F 1,G	U20602200 thru U20607020		MC0442506-9	
207, 207A, T207, T207A	All		MC0442506-9	

- 1 Partial model eligibility
- 2 When equipped with heavy duty nose gear
- 3 When equipped with standard duty nose gear

More Important Than You Think

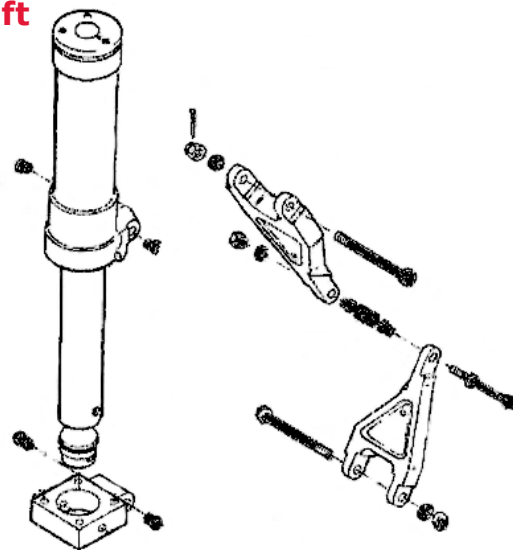
Overextension of the nose strut due to a worn out stop can lead to a cascade of problems. McFarlane A&P mechanics have seen struts extend to the point where the metering pin comes out of the orifice. This results in the pin hammering the orifice every landing and distorting and enlarging it. Over time, the excess nose strut travel and lack of damping due to an enlarged orifice can result in fatigue cracks in the torque link arms. For these reasons McFarlane recommends thoroughly inspecting all nose strut components when replacing a severely worn stop lug.

Landing Gear and Nose Wheel Steering Parts

Nose Gear Torque Link Repair Kits for Piper Aircraft

Prevents shimmy by removing looseness in the torque links.

- Replaces all common wear torque link components in a convenient kit
- Fits most prop driven Piper aircraft
- Contains All FAA approved parts and standard hardware
- Save time and money! No more research and ordering of individual parts.



Aircraft	Serial Number	Main Wheel Kit 2 kits req. if not labeled Left/Right	Nose Wheel Kit
PA-23, PA23-160	All	PTL-KT-91	PTL-KT-91
PA-23-235	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-23-250	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-E23-250	All	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings	PTL-KT-92 w/o Notched Bushings PTL-KT-93 w/Notched Bushings
PA-24, PA-24-250, PA-24-260, PA-24-400	All	PTL-KT-36 Left PTL-KT-75 Right	PTL-KT-95
PA-28-140, PA-28-150, PA-28-160, PA-28-180	All	PTL-KT-11	PTL-KT-31
PA-28-151	All	PTL-KT-13	PTL-KT-29
PA-28-161	2816001 thru 2816119	PTL-KT-4	PTL-KT-31
	2841001 thru 2841365	PTL-KT-10	PTL-KT-26
	2842001 thru 2842999	PTL-KT-5	PTL-KT-32
	28-7716001 thru 28-7816253	PTL-KT-15	PTL-KT-31
	28-7816254 thru 28-8616057	PTL-KT-4	PTL-KT-31
PA-28-181	2843001 thru 2843999	PTL-KT-3	PTL-KT-30
	28-7690001 thru 28-7890231	PTL-KT-12	PTL-KT-27
	28-7890232 thru 28-8690062	PTL-KT-7	PTL-KT-27
PA-28-201T	All	PTL-KT-2	PTL-KT-52
PA-28-235	All	PTL-KT-11	PTL-KT-31
PA-28-236	All	PTL-KT-77	PTL-KT-28
PA-28R-180	28R-30005 thru 28R-30481	PTL-KT-40 Left PTL-KT-59 Right	PTL-KT-79
	28R-7130001 thru 28R-7130013	PTL-KT-40 Left PTL-KT-59 Right	PTL-KT-81
PA-28R-200	28R-35001 thru 28R-7135062	PTL-KT-40 Left PTL-KT-59 Right	PTL-KT-78
	28R-7135063 thru 28R-7635545	PTL-KT-40 Left PTL-KT-59 Right	PTL-KT-81
PA-28R-201, PA-28R-201T	2803001 thru 2837061	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-84
PA-28R-201	2844001 thru 2844999	PTL-KT-39 Left PTL-KT-68 Right	PTL-KT-80
PA-28R-201, PA-28R-201T	28R-7703001 thru 28R-7837317	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-84
PA-28RT-201, PA-28RT-201T	All	PTL-KT-43 Left PTL-KT-61 Right	PTL-KT-85
PA-30	All	PTL-KT-95	PTL-KT-95
PA-31, PA-31-300, PA-31-325	31-5 thru 31-7812120	PTL-KT-22 w/o Notched Bushings PTL-KT-21 w/Notched Bushings	PTL-KT-90 w/o Notched Bushings PTL-KT-98 w/Notched Bushings
	31-7812121 thru 31-8312019		PTL-KT-97 w/Notched Bushings PTL-KT-56 w/o Notched Bushings
PA-31-350	31-5001 thru 31-8553002	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-67 w/o Notched Bushings PTL-KT-73 w/Notched Bushings
PA-31-350 (T1020)	31-8253001 thru 31-8553002	PTL-KT-24 w/o Notched Bushings PTL-KT-17 w/Notched Bushings	PTL-KT-70 w/o Notched Bushings PTL-KT-64 w/Notched Bushings
PA-31P	All	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-66 w/o Notched Bushings PTL-KT-72 w/Notched Bushings
PA-31P-350	All	PTL-KT-25 w/o Notched Bushings PTL-KT-18 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-31T, PA-31T1, PA-31T2, PA-31T3	All	PTL-KT-23 w/o Notched Bushings PTL-KT-16 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-32-260	32-1 thru 32-7700023	PTL-KT-14	PTL-KT-33
PA-32-300	32-7800001 thru 32-7800008	PTL-KT-9	
	32-40000 thru 32-7840043	PTL-KT-14	PTL-KT-33
PA-32-301, PA-32-301T	All	PTL-KT-9	PTL-KT-34
PA-32-301FT, PA-32-301XTC	All	PTL-KT-8	PTL-KT-35
PA-32R-300		PTL-KT-37 Left	
		PTL-KT-69 Right	PTL-KT-82

Eligibility continued on next page



Landing Gear and Nose Wheel Steering Parts

McFarlane
FAA-PMA Approved

Eligibility continued from previous page

Aircraft	Serial Number	Main Wheel Kit 2 kits req. if not labeled Left/Right	Nose Wheel Kit
PA-32R-301, PA-32R-301T	3213001 thru 3229003	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-84
	3246001 thru 3257999	PTL-KT-45 Left PTL-KT-63 Right	PTL-KT-85
	32R-8013001 thru 32R-8629008	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-84
PA-32RT-300, PA-32RT-300T	All	PTL-KT-41 Left PTL-KT-60 Right	PTL-KT-76
PA-34-200	All	PTL-KT-42 Left PTL-KT-60 Right	PTL-KT-86
PA-34-200T	All	PTL-KT-38 Left PTL-KT-58 Right	PTL-KT-86
PA-34-220T	3433001 thru 3447029	PTL-KT-57	PTL-KT-86
	3448038 thru 3448079	PTL-KT-53	PTL-KT-86
	3449001 thru 34-8633031	PTL-KT-57	PTL-KT-86
PA-38-112	All		PTL-KT-1
PA-39	All	PTL-KT-95	PTL-KT-95
PA-42, PA-42-720, PA-42-720R	All	PTL-KT-20 w/o Notched Bushings PTL-KT-25 w/Notched Bushings	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-42-1000	All	PTL-KT-19	PTL-KT-65 w/o Notched Bushings PTL-KT-71 w/Notched Bushings
PA-44-180	4495001 thru 4495013		PTL-KT-85
	4496001 thru 4496999	PTL-KT-44 Left PTL-KT-61 Right	PTL-KT-74
	44-7995001 thru 44-8195026		PTL-KT-85
PA-44-180T	All	PTL-KT-43 Left PTL-KT-62 Right	PTL-KT-85
PA-46-310P	All	PTL-KT-48	PTL-KT-96
PA-46-350P (w/ G1000)	All	PTL-KT-47	PTL-KT-88
PA-46-350P (w/o G1000)	4622001 thru 4622200	PTL-KT-46	PTL-KT-96
	4636001 thru 4636195	PTL-KT-51	
	4636196 thru 4636999	PTL-KT-50	PTL-KT-88
PA-46-500TP (w/ G1000)	All	PTL-KT-54	PTL-KT-87
PA-46-500TP (w/o G1000)	All	PTL-KT-55	PTL-KT-87
PA-46R-350T (w/ G1000)	All	PTL-KT-49	PTL-KT-89
PA-46R-350T (w/o G1000)	All	PTL-KT-50	PTL-KT-88

Nose Strut Seal Kits for Cessna Aircraft

McFarlane has received FAA approval for manufacturing all of the components of the Cessna nose strut seal kits for most Cessna aircraft. We can now offer improved kits at a lower price!

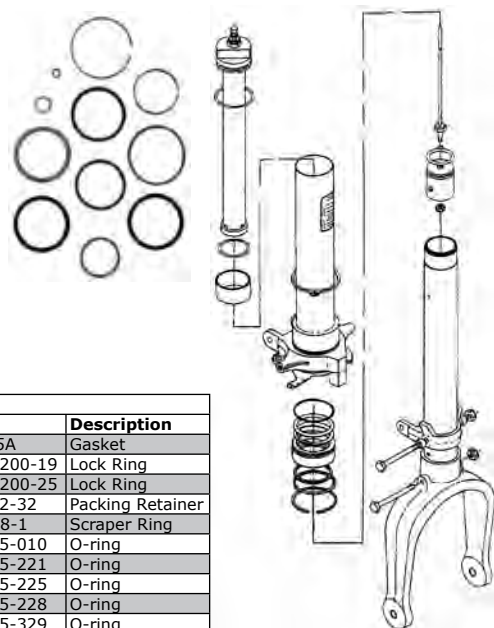
Part Numbers NSS-KT-1 and NSS-KT-2

- FAA-PMA direct replacement for Cessna part number SK172-1F.
- Also includes AN901-5A gasket.
- Improved lock rings are made of 304 stainless steel for better corrosion resistance.
- Components also available separately.

Aircraft	Kit P/N
All 150, 152, 172, 175, 177RG series	NSS-KT-1
182, 182A,B,C,D	NSS-KT-2
182E-T, A182J,K,L,N	NSS-KT-1
F182P,Q, FR182, R182, TR182, T182	NSS-KT-1
210-5 (205)	NSS-KT-2
210-5A (205A)	NSS-KT-1
206, 207 series	NSS-KT-1
210, 210A	NSS-KT-2
210B-R, P210N,R, T210F-R	NSS-KT-1
T303	NSS-KT-1
310, 310B,C,D,F,G,H,I,J,J-1,K,L,N,P,Q	NSS-KT-2
320, 320-1, 320A,B,C,D,E,F	NSS-KT-2
336	NSS-KT-2
337 series	NSS-KT-1

NSS-KT-1		
Qty	P/N	Description
1	AN901-5A	Gasket
1	MC0841200-19	Lock Ring
1	MC0841200-25	Lock Ring
2	MCS1628-329	Backup Ring
1	MCS2418-1	Scraper Ring
1	MS28775-010	O-ring
1	MS28775-221	O-ring
1	MS28775-225	O-ring
1	MS28775-228	O-ring
1	MS28775-329	O-ring

NSS-KT-2		
Qty	P/N	Description
1	AN901-5A	Gasket
1	MC0841200-19	Lock Ring
1	MC0841200-25	Lock Ring
2	MS28782-32	Packing Retainer
1	MCS2418-1	Scraper Ring
1	MS28775-010	O-ring
1	MS28775-221	O-ring
1	MS28775-225	O-ring
1	MS28775-228	O-ring
1	MS28775-329	O-ring



Maintenance Tip:

Cessna Strut Seal Failure

Strut seal leaks and flat struts can be caused by roll or twist of the main O-ring seal. It is very frustrating to carefully check all the parts and surfaces and put a new seal kit in the strut only to find it flat again after a relatively short time.

We have seen this happen when a film of MIL-5606 hydraulic fluid dries out on the exposed chrome strut shaft. MIL-5606 by nature has a tendency to get sticky as it is exposed to air and dirt and then dry. Very slight dried oil films are sometimes hard to detect and they can get past the plastic wiper seal. When this happens the sticky strut has a tendency to grab the O-ring and roll or twist it when the strut slides in or out causing the seal to distort. A very small O-ring twist or distortion will cause a leak. This phenomena is aggravated by the low pressure that the Cessna strut is designed for. Wipe the chrome strut down with Stoddard solvent (mineral spirits) periodically to soften and remove any dried oil film, dirt, dust and bugs.

Landing Gear and Nose Wheel Steering Parts

Main and Nose Strut Seal Kits for Piper and Beech Aircraft

Kits contain MIL-SPEC and industry standard seals and components and do not require FAA-PMA approval.

Aircraft	Main Strut P/N	Nose Strut P/N
B-33, F-33, V-35B, 36, A36, G36, A36TC, B36TC	JMBZMS	JMBZNS
PA22 S/N 22-1 thru 22-7642 and 22-8000 thru 22-9000	JMPA23	JMPA22
Apache/Aztec	JMPA23	JMPA23
PA24	JMPA24M	JMPA24N
PA30	JMPA30M	JMPA30N
PA28-140, 150, 151, 160, 161, 180, 181 & 235 and PA32-260 & 300	JMPMS1	JMPNS1
PA28R, PA32R-300, 301 & 301T	JMPRMS1	JMPRNS1
PA34-200, 200T, PA44-180, 180T	JMPA34	JMPA34



**New!
Kits for
Beech
Aircraft**

Manufactured by J&M Aircraft Supply

Landing Gear Box Shims

Save \$\$\$

P/N AD0441023-2

Tapered shim, 2-4 per aircraft

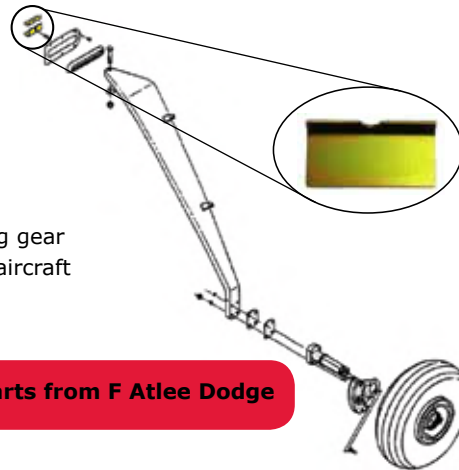
P/N AD0741022-1

.040 shim, used as required

P/N AD0741022-2

.050 shim, used as required

- For Cessna aircraft using leaf spring landing gear
- Used on most Cessna 120 thru 195 series aircraft
- 4130N steel, plated
- FAA-PMA



See page 181 for more landing gear parts from F Atlee Dodge

Manufactured by F Atlee Dodge

Axles for Cessna Aircraft

Don't lose an airplane because of a broken aluminum axle!

Steel axle

P/N AF1441003-1

- Weighs only 2.28 lbs
- Save hundreds of \$\$\$



Titanium axle

P/N AF1441003-1T

- Reduces weight by 2 lbs per A/C vs. steel axles
- Will not rust



Model	Serial Number
170, 170A,B	18000 thru 27169
180, 180A-H	30000 thru 18052284
182, 182A-S	33000 and On
T182, R182, TR182	1820001 thru R18202041
185, 185A-E, A185E-F	1850001 thru 18504448
206, U206, U206A-G, TU206A-G	206-0001 thru U20607020
P206, P206A-E, TP206A-E	P206-0001 thru P20600647
206H, T206H	All

Manufactured by Airforms, Inc.

Nose Baggage Compartment Cargo Door Up Latch for all Cessna 207 Aircraft

No more holding up the door while loading!

P/N AF1213922-1

- Improved strength
- Nickel plated for corrosion resistance



Manufactured by
Airforms, Inc.

High Strength Parts for Helio H-295 Courier Aircraft

Parts are manufactured from high strength material and machined from a single billet - stronger than original welded assemblies!

Axle P/N AF250-040-495

- Cad plated for increased durability
- Precision fit - drop in direct replacement
- Accommodates wheel-ski installation



Manufactured by Airforms, Inc.

Main Gear Door Hinge Pin for Cessna Citation 550 and 560 Aircraft

P/N MS20253-2-2050

- Corrosion resistant
- Two required per aircraft
- Direct replacement

Save \$\$



Manufactured by PMA Products Inc

Wheel Pant Mounting Plates for Cessna Aircraft

**Part Numbers MC0441225-1, MC0441225-2,
MC0541220-1 and MC0541220-2**

- Machined from high strength aluminum alloy
- Anodized for corrosion resistance
- Nut plates are riveted in place - ready to install!

Maintenance Tip:

Wheel pant mounting plates commonly crack around the axle. If any cracks are present, they should be replaced. The cracks are caused by wheel pant vibration. Assure that the wheel pant axle bolts are tight. Proper wheel balance will lessen wheel pant vibration. See page 196 for a simple but effective wheel balancer.



Model	Serial Number	Left	Right
150L, M	15074851 thru 15079405	MC0441225-1	MC0441225-2
F150L, M	F15001014 thru F15001428	MC0441225-1	MC0441225-2
A150L, M	A1500430 thru A1500734	MC0441225-1	MC0441225-2
FRA150L, M	FRA1500212 thru FRA1500336	MC0441225-1	MC0441225-2
152	15279406 thru 15286033	MC0441225-1	MC0441225-2
A152	A1520735 thru A1521049	MC0441225-1	MC0441225-2
F152	F15201429 thru F15201980	MC0441225-1	MC0441225-2
FA152	FA1520337 thru FA1520425	MC0441225-1	MC0441225-2
172M, N, P, Q	17261899 thru 17276673	MC0541220-1	MC0541220-2
172R	17280001 and On	MC0541220-1	MC0541220-2
172S	172S80001 and On	MC0541220-1	MC0541220-2
F172M, N, P	F17201035 thru F17202254	MC0541220-1	MC0541220-2
FR172J, K	FR17200441 thru FR17200675	MC0541220-1	MC0541220-2
R172K	R1722000 thru R1723454	MC0541220-1	MC0541220-2

Partial model eligibility

Wheel Bearings Cups and Cones

FAA-PMA approved Timken wheel bearings for Goodyear, Cleveland, and McCauley wheels.

- Class 2 aviation grade bearings (Timken designates these with a -20629 suffix)
- When landing the wheel bearings must go from Zero RPM to 1384 RPM, or more, instantaneously. Automotive bearings aren't designed for this type of service
- Tighter tolerance and higher quality control than Class 4 automotive bearings
- Save \$\$



Don't be tempted to buy cheap automotive bearings

Because Timken uses the same part number for both the automotive and aviation versions of these bearings, many people mistakenly use the lower quality automotive bearings in their airplane. It is critical that the FAA-PMA Class 2 version be used for aircraft applications for two reasons:

- They are a higher class of bearing with tighter tolerance and have been subjected to more stringent quality control procedures. Due to the smaller diameter of aircraft wheels, at a given ground speed the bearings rotate at a much higher RPM and require the tighter tolerances to prevent premature failure. Example: At a 70 mph touchdown speed (equivalent to highway speed of a car), a typical 17 inch diameter airplane tire is rotating at 1384 RPM, whereas a typical 27 inch car tire is only rotating at 871 RPM. So even though the aircraft bearing is only subject to intermittent use, some of the performance demands are much higher than a typical automotive application.
- It is a violation of FAA regulations to use non-approved automotive bearings on certified aircraft.

See the table on the next page to find the correct bearing for your wheels.

Wheel Seal Kits

Finally an alternative for replacement seals!

FAA-PMA approved seals for Goodyear, Cleveland, and McCauley wheels.

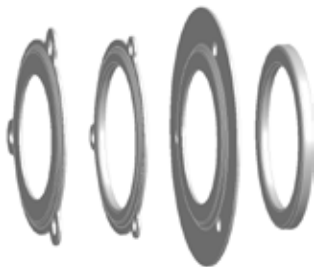
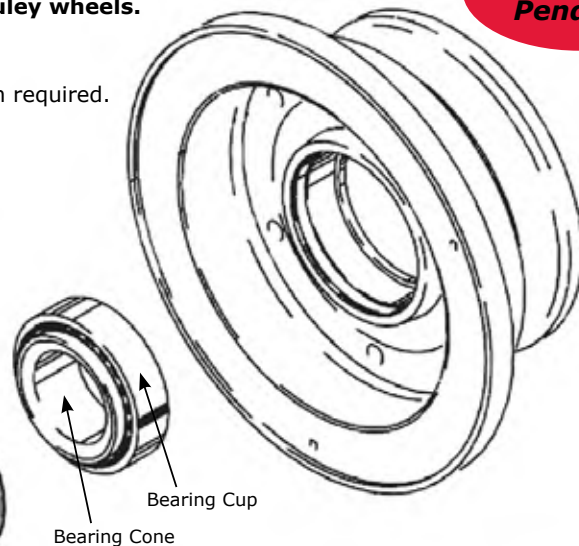
Convenient Kits

- Each contains everything required to service one wheel: grease seal rings, plates and felts; even screws and washers when required.
- We have done the research so you don't have to!
- Only available from McFarlane.
- Hard to find parts in stock.
- Save \$\$
- Components also available separately.

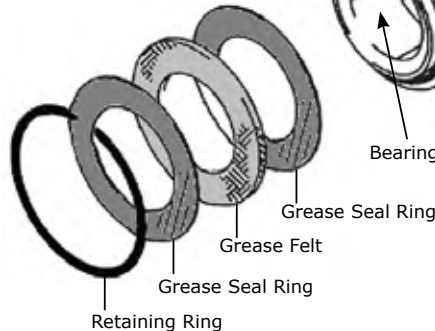
See the table on the next page to find the correct kit and components for your wheels.

See our web site for aircraft eligibility. We are continually adding additional part numbers and eligibility.

FAA Approval Pending!



Hard to find grease seal rings!



Grease Seal Ring			
Part Number	ID	OD	Thickness
MC153-00100	1-9/16	2-23/64	1/32
MC153-00300	1-33/64	2-1/2	0.034
MC153-00400	1-45/64	2-5/8	1/32
MC153-00800	1-53/64	2-23/64	1/32
MC153-00900	1-13/16	2-5/8	0.028
MC153-30013	1-11/16	2-39/64	1/32
MC153-30015	1-17/32	2-35/64	1/32

Retaining Ring			
Part Number	Width	OD	Thickness
MC155-00100	9/64	2-3/4	1/32
MC155-00200	9/64	2-1/2	0.025
MC155-00600	1/8	2-11/64	0.028
MC155-11800	5/32	2-1/2	1/32
MC155-11900	5/32	2-3/4	1/32

FAA-PMA Approved

Grease Felt			
Part Number	ID	OD	Thickness
MC154-00300	1-5/8	2-5/8	1/8
MC154-00400	1-19/32	2-15/32	1/8
MC154-00600	1-3/4	2-13/32	1/8
MC154-00800	1-45/64	2-5/8	1/8
MC154-00900	2-1/8	2-7/16	1/8
MC154-01300	2-1/8	2-1/2	3/16
MC154-01400	1-45/64	2-19/32	1/8
MC154-30010	2-1/8	2-17/32	1/8

FAA-PMA Approved

Bearing Cups FAA-PMA Approved		
Part Number	OD	Width
07196	1.9687	0.3750
07204	2.0470	0.5000
08231	2.3125	0.4219
13830	2.5000	0.3750
13836	2.5625	0.3750
A4138	1.3775	0.3437
LL217810	4.7812	0.4375
LM29710	2.5625	0.5500
LM67010	2.3280	0.4650

Bearing Cones FAA-PMA Approved		
Part Number	Bore	Inner Ring Width
07100	1.0000	0.5614
08125	1.2500	0.5937
13889	1.5000	0.4688
A4050	0.5000	0.4326
LL217849	3.5000	0.5938
LM29749	1.5000	0.7200
LM67048	1.2500	0.6600

New! FAA-PMA approval has been received on parts indicated with 1.

Dimensions are approximate and for identification only. All dimensions are in inches.



Wheel Seal Kits

Kit P/N	Qty	Part Number	Description
WH-KT-2	1	MC154-00300	Grease Felt
	1	MC154-01300	Grease Felt
	1	MC153-00300	Grease Seal Plate
	2	MC153-00400	Grease Seal Plate
	1	MC153-01500	Grease Seal Plate
	2	MC155-00100	Grease Seal Ring
WH-KT-3	1	MC154-00300	Grease Felt
	1	MC154-01300	Grease Felt
	1	MC153-00300	Grease Seal Plate
	2	MC153-00400	Grease Seal Plate
	1	MC153-01500	Grease Seal Plate
WH-KT-5	2	MC155-00200	Grease Seal Ring
	1	MC154-00300	Grease Felt
	1	MC154-30010	Grease Felt
	2	MC153-30013	Grease Seal Plate
	1	MC153-30014	Grease Seal Plate
	1	MC153-30015	Grease Seal Plate
WH-KT-8	2	MC155-11900	Grease Seal Ring
	1	MC154-00400	Grease Felt
	1	MC153-00500	Grease Seal Plate
	1	MC156-00100	Grease Seal Plate
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer

Kit P/N	Qty	Part Number	Description
WH-KT-10	1	MC154-00400	Grease Felt
	1	MC154-00900	Grease Felt
	1	MC153-00300	Grease Seal Plate
	1	MC153-00500	Grease Seal Plate
	1	MC153-01000	Grease Seal Plate
	6	MS35265-45	Screw, Drilled
WH-KT-11	6	MS35333-38	Lock Washer
	1	MC154-00400	Grease Felt
	1	MC154-00900	Grease Felt
	1	MC153-00300	Grease Seal Plate
	1	MC153-00500	Grease Seal Plate
	1	MC153-01000	Grease Seal Plate
WH-KT-15	1	MC156-00100	Grease Seal Plate
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
	1	MC154-00600	Grease Felt
	2	MC153-00800	Grease Seal Plate
	2	MC155-00200	Grease Seal Ring
WH-KT-22	1	MC154-01400	Grease Felt
	2	MC153-00900	Grease Seal Plate
	2	MC155-00100	Grease Seal Ring
WH-KT-28	1	MC154-03000	Molded Seal
	1	MC155-00100	Grease Seal Ring
	1	MC155-00600	Grease Seal Ring

Kit P/N	Qty	Part Number	Description
WH-KT-34	2	MC154-00600	Grease Felt
	4	MC153-00800	Grease Seal Plate
WH-KT-38	2	MC155-00200	Grease Seal Ring
	2	MC154-00900	Grease Felt
	2	MC153-00100	Grease Seal Plate
	2	MC153-01000	Grease Seal Plate
	6	MS35265-45	Screw, Drilled
	6	MS35333-38	Lock Washer
WH-KT-39	2	MC154-01300	Grease Felt
	2	MC153-00300	Grease Seal Plate
	2	MC153-01500	Grease Seal Plate
	2	MC155-00100	Grease Seal Ring
WH-KT-42	2	MC154-03000	Molded Seal
	2	MC155-00100	Grease Seal Ring
WH-KT-51	2	MC154-00600	Grease Felt
	2	MC153-00300	Grease Seal Plate
	2	MC153-01500	Grease Seal Plate
	2	MC155-00100	Grease Seal Ring



Wheel to Seal Kit and Bearing Cross Reference

Wheel Manufacturer	Wheel Manufacturer P/N	Cessna Wheel P/N	Wheel Seal Kit P/N	Bearing Cone P/N	Bearing Cup P/N
CLEVELAND	040-07502	C163001-0301	WH-KT-3	13889	13836
CLEVELAND	40-75B	C163001-0301	WH-KT-3	13889	13836
CLEVELAND	40-101	C163001-0601	WH-KT-22	LM29749	LM29710
CLEVELAND	40-101A		WH-KT-22	LM29749	LM29710
CLEVELAND	40-113	C163001-0104	WH-KT-2	13889	13836
CLEVELAND	40-12	0441179-2	WH-KT-15	08125	08231
CLEVELAND	40-140A	9910194-8	WH-KT-39	13889	13836
CLEVELAND	40-142	C163001-0701	WH-KT-2	13889	13836
CLEVELAND	40-177A	C163001-0901	WH-KT-42	13889	13836
CLEVELAND	40-179	040-17900	WH-KT-42	LM29749	LM29710
CLEVELAND	40-18	0441179-14	WH-KT-34	08125	08231
CLEVELAND	40-19	0441156-13	WH-KT-15	08125	08231
CLEVELAND	40-20	0441156-14	WH-KT-34	08125	08231
CLEVELAND	40-21	0441156-15	WH-KT-10	13889	13836
CLEVELAND	40-32	0741026-3	WH-KT-8	13889	13836
CLEVELAND	40-35	0743001-4	WH-KT-34	08125	08231
CLEVELAND	40-40A	5041016-3	WH-KT-28	LM29749 and 07100 1	LM29710 and 07196 1
CLEVELAND	40-40D	5041016-5	WH-KT-28	LM29749 and 07100 1	LM29710 and 07204 1
CLEVELAND	40-55	0441156-16	WH-KT-38	13889	13836
CLEVELAND	40-57	0441156-17	WH-KT-11	13889	13836
CLEVELAND	40-66	0441156-18	WH-KT-8	13889	13836
CLEVELAND	40-67	0441156-19	WH-KT-11	13889	13836
CLEVELAND	40-68	0441156-20	WH-KT-34	08125	08231
CLEVELAND	40-75	1241156-10	WH-KT-3	13889	13836
CLEVELAND	40-75B	040-07502, 1241156-10	WH-KT-3	13889	13836
CLEVELAND	40-75D	C163001-0302	WH-KT-3	13889	13836
CLEVELAND	40-75T	040-07518-1	WH-KT-3	13889	13836
CLEVELAND	40-76	1241156-11	WH-KT-51	13889	13836
CLEVELAND	40-76A	1241156-11	WH-KT-39	13889	13836
CLEVELAND	40-76B	0441156-16	WH-KT-42	13889	13836
CLEVELAND	40-77	1241156-12, 0441156-14, 0441156-20, 0441179-14, 0743001-4	WH-KT-34	08125	08231
CLEVELAND	40-78	1241156-13	WH-KT-34	08125	08231
CLEVELAND	40-79	1241156-14	WH-KT-2	13889	13836
CLEVELAND	40-79A	1241156-14	WH-KT-2	13889	13836
CLEVELAND	40-96E	C163001-0401	WH-KT-2	13889	13836
CLEVELAND	40-97	C163001-0102	WH-KT-2	13889	13836
CLEVELAND	40-97A	C163001-0102, C163001-0103	WH-KT-2	13889	13836
CLEVELAND	40-98A	C163001-0501	WH-KT-2	13889	13836
CLEVELAND	40-98H	C163001-0801	WH-KT-2	13889	13836
GOODYEAR	9532522	0541183-9		13889	13830
GOODYEAR	9532673	0541160-13		13889	13830
GOODYEAR	511960S	0441016-1		13889	13830

Continued on next page



Brake and Wheel Parts



McFarlane

FAA-PMA Approved

Eligibility continued from previous page

Wheel Manufacturer	Wheel Manufacturer P/N	Cessna Wheel P/N	Wheel Seal Kit P/N	Bearing Cone P/N	Bearing Cup P/N
GOODYEAR	95-3472	0441016-1		13889	13830
GOODYEAR		0441150-8		LL217849	LL217810
GOODYEAR		0441150-9		LL217849	LL217810
GOODYEAR		0541116-2		LL217849	LL217810
GOODYEAR		0541116-3		LL217849	LL217810
MCCAULEY	C30480	C163003-0401		LM67048	LM67010
MCCAULEY	D30065	C163002-0101		LM29749	LM29710
MCCAULEY	D30256	C163003-0101		LM29749	LM29710
MCCAULEY	D30291-1	C163004-0101	WH-KT-5	LM29749	LM29710
MCCAULEY	D30291-2	C163004-0102	WH-KT-5	LM29749	LM29710
MCCAULEY	D30291-3	C163004-0103	WH-KT-5	LM29749	LM29710
MCCAULEY	D30291-6	C163004-0104	WH-KT-5	LM29749	LM29710
MCCAULEY	D30500	C163002-0201, C163003-0201, C163005-0201	WH-KT-35	LM67048	LM67010
MCCAULEY	D30580	C163003-0102	WH-KT-5	LM29749	LM29710
MCCAULEY	D30660-1	C163002-0101, C163003-0101, C163005-0101, C163006-0101	WH-KT-5	LM29749	LM29710
MCCAULEY	D30660-2	C163006-0102	WH-KT-5	LM29749	LM29710
MCCAULEY	D30660-3	C163006-0103	WH-KT-5	LM29749	LM29710
MCCAULEY	D30665	9910194-1, C163002-0301, C163003-0301, C163003-0302, C163006-0201	WH-KT-42	LM29749	LM29710
		95-3472		13889	13830
		3244		A4050	A4138
		0441150-6		LL217849	LL217810
		0441150-7		LL217849	LL217810
		1241156-43		13889	13836

■ Cone P/N LM29749 and Cup P/N LM29710 are used on the outboard of the wheel and Cone P/N 07100 and Cup P/N 07196 or P/N 07204 are used on the inboard of the wheel.

Note: For FAA-PMA approved aircraft model eligibility, see www.mcfarlaneaviation.com

McFarlane Aircraft Wheel Balancer

Fast, accurate, affordable!

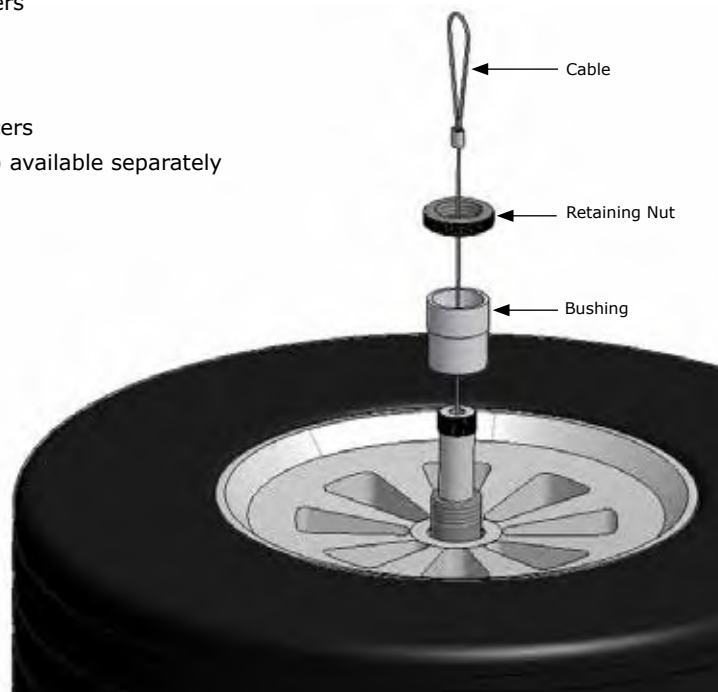
Part Number TOOL108

TOOL108 is a suspension wheel balancer with a patent pending design featuring a pivot point that is easily adjustable on-the-fly for maximum balance sensitivity. It is small enough to fit in a tool box and doesn't require a bulky stand. The McFarlane design is more precise than other static balancing methods, and allows the wheel to be balanced with the bearings and seals installed.

It's fast and easy. Due to the horizontal balancing orientation, test weights can be temporarily set in place and easily adjusted while balancing. This eliminates the need to tape the test weights. The McFarlane wheel balancer is precision machined with a black, hard anodized finish, and comes in an oiled wooden case. It includes bushings to accommodate both 1 1/4" and 1 1/2" axle sizes. This is a **lifetime tool** that fits almost all light aircraft wheel/tire assemblies.

- Adjustable pivot point for maximum sensitivity (Patent pending)
- More accurate than "bubble" or "axle and bearing" style balancers
- Portable – small enough to fit in your toolbox
- Does not require removal of bearings or seals
- Complete instructions included
- Less than half the price of bulky "axle and bearing" style balancers
- Replacement bushings (P/N 6625) and retaining nut (P/N 6649) available separately

**Coming Soon!
New models
for smaller and
larger axles!**



Brake Bleeder Valves for Cleveland and McCauley Wheels

Improved - No more rust, no more rounded wrench flats

Save \$\$

Bleeder Needle

- Strong heat treated 17-4 stainless steel prevents corrosion and rounding of the hex
- Increased hex size further resists rounding of the wrench hex

Bleeder Seat

- Stainless steel for corrosion resistance
- Type III class 3 cadmium plating sure is ugly, but it's the best protection against galvanic corrosion with the magnesium housing.

Even the Rubber Cap is Improved!

- Improved material prevents cracking
- Shorter design results in a more secure fit

Convenient Kits

- Two kits required per aircraft
- Components also available separately

MCBB-KT-1		
Qty	Part Number	Description
1	MC081-00100	Bleeder Seat
1	MC079-00300	Bleeder Needle
1	MC183-00100	Needle Cap

MCBB-KT-2		
Qty	Part Number	Description
1	MC081-00200	Bleeder Seat
1	MC079-00300	Bleeder Needle
1	MC183-00100	Needle Cap
1	MS28775-012	O-ring

MCBB-KT-3		
Qty	Part Number	Description
1	MC081-00500	Bleeder Seat
1	MC079-00300	Bleeder Needle
1	MC183-00100	Needle Cap
1	MS28775-011	O-ring

MCBB-KT-4		
Qty	Part Number	Description
1	MC081-00600	Bleeder Seat
1	MC079-00300	Bleeder Needle
1	MC183-00100	Needle Cap
1	NAS1612-4A	O-ring

MCBB-KT-5		
Qty	Part Number	Description
1	MC081-30169	Bleeder Seat
1	MC079-00300	Bleeder Needle
1	MC183-00100	Needle Cap
1	MS28775-011	O-ring



FAA-PMA Direct Replacements

Currently approved for most Cessna

Description	McFarlane P/N	Cleveland P/N	Cessna P/N	McCauley P/N
Bleeder Seat	MC081-00100	081-00100	37-206	A30030
Bleeder Needle	MC079-00300	079-00300	FC6446	A30085
Bleeder Seat	MC081-30169	081-30169		A30169
Needle Cap	MC183-00100	183-00100		A30040
Needle Cap	MC183-00100	183-1		A30040
Needle Cap	MC183-00100	183-0100		A30040

Aircraft	Serial Number	When equipped with brake number or Cleveland conversion kit:	Part Number
120, 140, 140A	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1
150A,B,C,D,E,F,G,H,J,K,L,M	All		MCBB-KT-1
A150K,L,M	All		MCBB-KT-1
F150F,G,H,J,K,L,M	All		MCBB-KT-1
FA150K,L,M	All		MCBB-KT-1
152	15279406 thru 15285161	C163032-0110 or C163030-0113 (30-75)	MCBB-KT-1
	15285162 thru 15286033	C163033-0101 (C30018)	MCBB-KT-5
A152	All	C163032-0110 or C163030-0113 (30-75)	MCBB-KT-1
	A1520984 thru A1521049	C163033-0101 (C30018)	MCBB-KT-5
F152, FA152	All		MCBB-KT-1
170, 170A,B	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
172, 172A,B,C,D,E	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
172F,G,H,I,K,L,M,N	All		MCBB-KT-1
172P	17274010 thru 17275034	C163030-0111 (30-75A), C163032-0105, C163032-0113 (C30018-6) or equipped with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
	17275035 thru 17275868	C163033-0102 (C30764-6)	MCBB-KT-5
172Q	All	Only for use with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
172R,S	All		MCBB-KT-5
172RG	172RG0001 thru 172RG0890		MCBB-KT-1
	172RG0891 thru 172RG1191		MCBB-KT-5
F172D,E,F,G,H,K,L,M,N,P	All		MCBB-KT-1
FR172E,F,G,H,J,K, R172E,F,G,H,K	All		MCBB-KT-1
P172D	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1

Continued on next page

Brake and Wheel Parts



MCBB-KT-1



MCBB-KT-2



MCBB-KT-3



MCBB-KT-4



MCBB-KT-5

Continued from previous page			
Aircraft	Begin Serial	When equipped with brake number or Cleveland conversion kit:	Part Number
175, 175A,B,C	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
177, 177A,B, 177RG, F177RG	All		MCBB-KT-1
180	All	Only for use with Cleveland conversion kit 199-46, 199-60, 199-62 or 199-62A	MCBB-KT-1
180A,B,C,D,E,F	All	Only for use with Cleveland conversion kit 199-46, 199-60, or 199-62	MCBB-KT-1
180G,H	All		MCBB-KT-1
180J	18052285 thru 18052384	1241157-1, C163030-0303 (30-52), C163030-0305 (30-52D), or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	18052385 thru 18052770	C163030-0303 (30-52) or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-62	MCBB-KT-1
	All	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
180K	All	C163030-0303 (30-52) or C163030-0113 (30-75) or equipped with Cleveland conversion kit 199-62	MCBB-KT-1
		C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
182	All	Only for use with Cleveland conversion kit 199-46	MCBB-KT-1
182A,B,C,D,E,F,G	All	Only for use with Cleveland conversion kit 199-46, 199-62, or 199-62A	MCBB-KT-1
182H,J,K,L,M,N,P,Q	All		MCBB-KT-1
182R	All		MCBB-KT-5
182S	All	Only for use with Cleveland conversion kit 199-62, or 199-62A	MCBB-KT-1
			MCBB-KT-3
182T, T182T	All		MCBB-KT-3
A182J,K,L,N	All		MCBB-KT-1
F182P,Q	All		MCBB-KT-1
FR182	All		MCBB-KT-5
R182, T182, TR182	All		MCBB-KT-5
185, 185A,B,C,D,E, A185E	All		MCBB-KT-1
A185F	18502091 thru 18502300	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
	18502091 thru 18502310	1241157-1, C163030-0303 (30-52), C163030-0305 (30-52D), or C163030-0113 (30-75) or when equipped with Cleveland conversion kit 199-60 or 199-62	MCBB-KT-1
	18502311 thru 18504448	C163030-0303 (30-52) or C163030-0113 (30-75)	MCBB-KT-1
188, 188A,B, A188, A188A,B, A188B	18800001 thru 18802348	C163030-0301 (30-52B) or C163030-0302 (30-52B)	MCBB-KT-1
188, 188A,B, A188, A188A,B	18800001 thru 18802348	30-67A, C163030-0601 (30-67C), C163030-0503 (30-66A), or C163030-504 (30-66A)	MCBB-KT-2
A188B	18802349 thru 18803973		MCBB-KT-2
A188B (w/large hopper)	18800833T thru 18802348T	C163030-0301 (30-52B) or C163030-0302 (30-52B)	MCBB-KT-1
	18800833T thru 18802348T	30-67A, C163030-0601 (30-67C), C163030-0503 (30-66A), or C163030-504 (30-66A)	MCBB-KT-2
	18802349T thru 18803973T		MCBB-KT-2
T188C	All		MCBB-KT-2
190, 195, 195A,B	All	Only for use with Cleveland conversion kit 199-61	MCBB-KT-2
210-5 (205), 210-5A (205A)	All		MCBB-KT-1
206, 206H	All		MCBB-KT-1
P206, P206A,B,C,D,E	All		MCBB-KT-1
T206H	All		MCBB-KT-1
TP206A,B,C,D,E, TU206A,B,C,D,E	All		MCBB-KT-1
TU206F, U206F	U20601701 thru U20602199		MCBB-KT-1
TU206F,G, U206F,G	U20602200 thru U20607020	C163030-0303 (30-52) or C163030-0313 (30-52N) or when equipped with Cleveland conversion kit 199-62	MCBB-KT-1
	All	C163032-0205 (30-52U), C163032-0206 (D30118-4), C163032-0207 (D30118-5), or C163032-0208 (D30118-6)	MCBB-KT-5
U206, U206A,B,C,D,E	All		MCBB-KT-1
207, 207A, T207, T207A	All		MCBB-KT-1
208, 208A,B	All		MCBB-KT-3
210, 210A,B	All	Only for use with Cleveland conversion kit 199-60	MCBB-KT-1
210C,D,E,F,G,H,J,K	All		MCBB-KT-1
210L,M	All	C163030-0303 (30-52) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	21060090 thru 21062954	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5
210N	21062955 thru 21063114	121494-3 or 121494-4	MCBB-KT-2
	21063115 thru 21064135	C163030-0315 (30-52V), C163030-0316 (30-52V), 30-05220, or 30-05270	MCBB-KT-3
	21064136 thru 21065009		MCBB-KT-3
	All	C163032-209 or C163032-210	MCBB-KT-5
210R, T210R	All		MCBB-KT-3
P210N	P21000001 thru P21000150	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5
	P21000151 thru P21000191	121494-3 or 121494-4	MCBB-KT-2
	All	Only for use with Cleveland conversion kit 199-60	MCBB-KT-1
P210R	All	C163030-0315 (30-52V) or C163030-0316 (30-52V) or when equipped with Cleveland conversion kit 199-60A	MCBB-KT-3
T210F,G,H,J,K	All	C163030-0901 (30-127) or C163030-0902 (30-127)	MCBB-KT-3
T210L,M	All	C163030-0303 (30-52) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-1
	21060090 thru 21062954	C163032-205 (30-52U) or C163032-206 (D30118-4)	MCBB-KT-5

Continued on next page



MCBB-KT-1

Brake and Wheel Parts Seat Rails and Seat Parts

McFarlane

FAA-PMA Approved



MCBB-KT-5

Continued from previous page			
Aircraft	Begin Serial	When equipped with brake number or Cleveland conversion kit:	Part Number
T210N	21062955 thru 21063114	121494-3 or 121494-4	MCBB-KT-2
	21063115 thru 21064135	C163030-0315 (30-52V), C163030-0316 (30-52V), 30-05220, or 30-05270	MCBB-KT-3
	21064136 thru 21065009		MCBB-KT-3
	All	C163032-209 or C163032-210	MCBB-KT-5
310, 310B,C,D,F,G,H,I,J,J-1,K,L,N,P,Q	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
E310H,J	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
T310P,Q	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
320, 320-1, 320A,B,C,D,E,F	All	Only for use with Cleveland conversion kit 199-64	MCBB-KT-2
336	All		MCBB-KT-1
337E,F, F337E,F, FT337E,F, T337E,F	All		MCBB-KT-1
310R, T310R	All		MCBB-KT-2
335	All		MCBB-KT-2
340, 340A	All		MCBB-KT-2
401, 401A,B	All	Only for use with Cleveland conversion kit 199-72 or 199-76	MCBB-KT-2
402, 402A,B	All	Only for use with Cleveland conversion kit 199-72 or 199-76	MCBB-KT-2
402C	All		MCBB-KT-2
404	All	Only for use with Cleveland conversion kit 199-78	MCBB-KT-2
411, 411A	All		MCBB-KT-2
414, 414A	All		MCBB-KT-2
421	All	Only for use with Cleveland conversion kit 199-76	MCBB-KT-2
421C	All		MCBB-KT-2
441	All	Only for use with Cleveland conversion kit 199-115	MCBB-KT-2
500, 501	All	91891-003 (030-18902 formerly 30-189B) or when equipped with Cleveland conversion kit 199-60	MCBB-KT-4
550, 551	All	030-18902 formerly 30-189B or when equipped with Cleveland conversion kit 199-60	MCBB-KT-4
S550	All	Only for use with Cleveland conversion kit 199-177	MCBB-KT-4

Brake and Master Cylinder Seal Kit for Cessna Aircraft

Part Number TCBMD

For most 150 through 182 Cessna Aircraft
Manufactured by Trimcraft Aviation



TCBMD kit contains:	
Qty	P/N
4	MS28775-110
2	MS28778-4
2	MS28775-009
2	MS28775-111
2	MS28775-224
2	MS28775-218
2	800-001-6
2	T1628-110

Folding Rear Seats

Convert from people to cargo in just a few minutes!

Left P/N 3187L, Right P/N 3187R

See page 184 for additional information

Aircraft Model
170, 170A,B
172 thru 172S
175, 175A,B,C
180, 180A,B,C,D,E,F,G,H,J,K
182 thru 182T
185, 185A,B,C,D,E,A185E,A185F



20 Pounds Lighter!

Manufactured by F Atlee Dodge

Heavy Duty Seat Back Frame

10 oz. heavier with less tendency to wear out!

P/N 3226

See page 184 for additional information.

206 Series aircraft



Manufactured by F Atlee Dodge

Folding Front Seat Kit for PA-18, PA-19 Series

Makes entry and loading much easier

P/N 3186

FAA-PMA/STC



Manufactured by F Atlee Dodge

Safari Seat for PA-18, PA-19 Series

P/N 6151

Easily installed and removed
Clamps in and designed for easy removal with quick release pins.

Weight saver

Lightweight folding rear seat saves 10 pounds over existing seat.
STC-PMA

Saves 10 Pounds!



Manufactured by F Atlee Dodge

Seat Feet for Beechcraft Queen Air, King Air and Airliner

			Save up to 64%
P/N CA100-530448-5	P/N CA100-530448-7	P/N CA50-534436-5	

Part Number	Model Eligibility
CA100-530448-5	C90,C90A,C90(SE),E90,F90,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT
CA100-530448-7	C90,C90A,E90,F90,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT
CA50-534436-5	65,80,A80,88,90,A90,99,99A,A99A,B90,B99,C99,100,A100,B100

Manufactured by PMA Products

Seat Rails for Cessna Aircraft

- Carefully engineered with many improvements
- Added strength and longer life
- Anodized for corrosion and wear resistance
- Easier installation
- Full interchangeability with the original Cessna parts



No Pre-Drilled Rivet Holes for Precise Installation

McFarlane seat rails do not have pre-drilled rivet holes in the rail base allowing the installer to exactly match the aircraft floor rivet pattern. McFarlane discovered while installing and developing our replacement seat rails that the seat rail attachment hole pattern was not consistent from aircraft to aircraft. Even small inconsistencies in the hole locations in the aircraft floor make installation of new seat rails very difficult. For this reason, McFarlane does not pre-drill rivet holes at the factory. (Existing stock may have a few pilot attachment holes drilled at the factory.) This allows the installer to precisely locate the attachment holes to match the holes in the aircraft floor. All special sized or machined attachment holes are machined to finish dimensions. It is necessary to replace all fasteners when the seat rails are installed.

Installation Tip:

The aircraft floor is subject to corrosion from moisture under the seat rails. Be sure to remove and treat any corrosion before installing the new seat rails.

More Material in the Right Places

After studying countless worn and failed seat rails McFarlane's rails were designed with 15% more metal in critical areas. The result is more crack resistance, durability, strength and longer life.



Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
150A,B,C,D,E,F,I	15059019 thru 15063059	MC0411545-2	MC0411545-1 2	MC0411545-1 2	MC0411545-2	
150F,I	15063060 thru 15063735	MC0411545-4	MC0411545-3 2	MC0411545-3 2	MC0411545-4	
150F,I,G,H,J,K,L,I	15063736 thru 15072628	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
150L,I	15072629 thru 15073658	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
150L,I,150M	15073659 thru 15079405	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
A150K,L,I	A1500001 thru A1500276	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
A150L,I	A1500277 thru A1500342	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
A150L,I,M	A1500343 thru A1500734	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
F150F,I	F1500001 thru F1500029	MC0411545-2	MC0411545-1 2	MC0411545-1 2	MC0411545-2	
F150F,I	F1500030 thru F1500067	MC0411545-4	MC0411545-3 2	MC0411545-3 2	MC0411545-4	
F150G,H,J,K,L,I	F1500068 thru F15000738	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
F150L,I	F15000739 thru F15000863	MC0410230-2	MC0410230-3 2	MC0410230-2	MC0410230-3	
F150L,I,M	F15000864 thru F15001428	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
FA150K,L,I	FA1500001 thru FA1500120	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
FRA150L,I	FRA1500121 thru FRA1500166	MC0410219-2	MC0410219-1 2	MC0410219-1 2	MC0410219-2	
FRA150L,I,M	FRA1500167 thru FRA1500336	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
152	15279406 thru 15286033	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
A152	A1520735 thru A1521049	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
F152	F15201429 thru F15201980	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
FA152	FA1520337 thru FA1520425	MC0410235-6 2	MC0410235-1	MC0410235-2	MC0410235-6 2	
170, 170A,B	18000 thru 27169	MC0511000-14	MC0511000-15 2	MC0511000-14	MC0511000-15 2	SRTEM1
172, 172A,B,C	28000 thru 17249544	MC0511293-1	MC0511293-3 2	MC0511293-4	MC0511293-2 2	SRTEM1
172D,E	17249545 thru 17251822	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
172F,G,H,I,K,I	17251823 thru 17258656	MC0511240-5	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
172K,I	17258657 thru 17259223	MC0511240-9	MC0511240-7 2	MC0511240-8	MC0511240-10 2	SRTEM2
172L	17259224 thru 17260758	MC0511240-15	MC0511240-11 2	MC0511240-12	MC0511240-14 2	SRTEM2
172M,N,I	17260759 thru 17272884	MC0511243-4 2	MC0511243-5 2	MC0511243-6 2	MC0511243-4 2	SRTEM2
172N,I,P,I,Q	17272885 thru 17276516	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
172P,I	17276517 thru 17276654	MC0514209-4 2	MC0514209-1 2	MC0514209-2 2	MC0514209-3 2	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The information contained here has been verified to be correct.						
172RG	172RG0001 thru 172RG1191	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
F172D,E	F1720001 thru F1720085	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
F172F,G,H,I	F17200086 thru F17200739	MC0511240-5	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
F172H,I	F17200740 thru F17200754	MC0511240-9	MC0511240-7 2	MC0511240-8	MC0511240-10 2	SRTEM2
F172K,L	F17200755 thru F17200904	MC0511240-15	MC0511240-11 2	MC0511240-12	MC0511240-14 2	SRTEM2
F172M,N,I	F17200905 thru F17201909	MC0511243-4 2	MC0511243-5 2	MC0511243-6 2	MC0511243-4 2	SRTEM2
F172N,I,P,I	F17201910 thru F17202238	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
F172P,I	F17202239 thru F17202254	MC0514209-4 2	MC0514209-1 2	MC0514209-2 2	MC0514209-3 2	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0514209-3 & 0514209-4. The information contained here has been verified to be correct.						
FP172	FP1720001 thru FP1720003	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
FR172E,F,G,I	FR17200001 thru FR17200190	MC0511240-5	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
FR172G,I	FR17200191 thru FR17200225	MC0511240-9	MC0511240-7 2	MC0511240-8	MC0511240-10 2	SRTEM2
FR172H	FR17200226 thru FR17200350	MC0511240-15	MC0511240-11 2	MC0511240-12	MC0511240-14 2	SRTEM2
FR172J,K,I	FR17200351 thru FR17200655	MC0511243-4 2	MC0511243-5 2	MC0511243-6 2	MC0511243-4 2	SRTEM2
NOTE: Cessna Parts Manual has the location reversed on P/N 0511243-5 & 0511243-6. The information contained here has been verified to be correct.						
FR172K,I	FR17200656 thru FR17200675	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2

1 Partial model eligibility

2 These rails have seat adjust holes

Eligibility continued on next page



Seat Rails and Seat Parts



FAA-PMA Approved

Model	Serial Number	Inboard LH	Outboard LH	Outboard RH	Inboard RH	Template
P172	P17257120 thru P17257188	MC0511240-4	MC0511240-2 2	MC0511240-3	MC0511240-6 2	SRTEM2
R172K1	R1722000 thru R1723199	MC0511243-4 2	MC0511243-5 2	MC0511243-6 2	MC0511243-4 2	SRTEM2
R172K1	R1723200 thru R1723454	MC2414002-2 2	MC2414002-1 2	MC2414002-2 2	MC2414002-1 2	SRTEM2
175	55001 thru 56777	MC0511293-1	MC0511293-3 2	MC0511293-4	MC0511293-2 2	SRTEM1
175A,B,C	17556778 thru 17557119	MC0511293-1	MC0511293-3 2	MC0511293-4	MC0511293-2 2	SRTEM1
177,A,B1	17700001 thru 17701636	MC1711015-3 2	MC1711015-1 2	MC1711015-2 2	MC1711015-4 2	SRTEM3
177B1	17701637 thru 17702752	MC1711015-9 2	MC1711015-7 2	MC1711015-8 2	MC1711015-10 2	SRTEM3
177RG1	177RG0105 thru 177RG01366	MC2011015-9 2	MC2011015-5 2	MC2011015-10 2	MC2011015-8 2	SRTEM3
F177RG	F177RG0007 thru F177RG0177	MC2011015-9 2	MC2011015-5 2	MC2011015-10 2	MC2011015-8 2	SRTEM3
180, 180A,B,C,D,E,F	30000 thru 18051312	MC0511000-14	MC0511000-15 2	MC0511000-14	MC0511000-64 2	SRTEM1
180G,H1	18051313 thru 18051490	MC0511000-68	MC0511000-69 2	MC0511000-68	MC0511000-70 2	SRTEM1
180H1	18051491 thru 18052103	MC0711693-1	MC0711693-2 2	MC0711693-1	MC0711693-2 2	SRTEM1
180H1	18052104 thru 18052215	MC0711693-1	MC0711693-4 2	MC0711693-1	MC0711693-4 2	SRTEM1
180H1,J1	18052216 thru 18052500	MC0711693-8	MC0711693-6 2	MC0711693-8	MC0711693-6 2	SRTEM1
180J1	18052501 thru 18052620	MC0711693-8	MC0711693-7 2	MC0711693-8	MC0711693-7 2	SRTEM1
180J1,K	18052621 thru 18053203	MC0711693-9 2	MC0711693-11 2	MC0711693-10 2	MC0711693-7 2	SRTEM1
182, 182A,B,C,D	33000 thru 18253598	MC0511293-1	MC0511293-3 2	MC0511293-4	MC0511293-2 2	SRTEM1
182E,F,G,H,J,K,L,M,N1	18253599 thru 18260445	MC0710618-1	MC0710618-5 2	MC0710618-4	MC0710618-6 2	SRTEM1
182N1,P,Q,R/T182	18260446 thru 18268615	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	SRTEM1
A182J,K,L,M,N	A1820001 thru A1820148	MC0710618-1	MC0710618-5 2	MC0710618-4	MC0710618-6 2	SRTEM1
F182P,Q	F18200001 thru F18200169	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	SRTEM1
F182RG	FR18200001 thru FR18200070	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	SRTEM1
R182/TR182	R18200001 thru R18202041	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	MC0710658-2 2	SRTEM1
185,A,B,C,D1	1850001 thru 1850806	MC0511000-68	MC0511000-69 2	MC0511000-68	MC0511000-70 2	SRTEM1
185D1,E, A185E1	1850807 thru 18501599	MC0711693-1	MC0711693-2 2	MC0711693-1	MC0711693-2 2	SRTEM1
A185E1	18501600 thru 18501954	MC0711693-1	MC0711693-4 2	MC0711693-1	MC0711693-4 2	SRTEM1
A185E1, A185F1	18501955 thru 18502565	MC0711693-8	MC0711693-6 2	MC0711693-8	MC0711693-6 2	SRTEM1
A185F1	18502566 thru 18502838	MC0711693-8	MC0711693-7 2	MC0711693-8	MC0711693-7 2	SRTEM1
A185F1	18502839 thru 18504448	MC0711693-9 2	MC0711693-11 2	MC0711693-10 2	MC0711693-7 2	SRTEM1
A188B	18800944 thru 18803968T	Left- MC1613423-3 2		Right-MC1613423-3 2		SRTEM1
T188C	T18803307T thru T18803968T	Left- MC1613423-3 2		Right-MC1613423-3 2		SRTEM1
190, 195	7001 thru 7999	MC0311715-4 2	MC0311715-3 2	MC0311715-3 2	MC0311715-4 2	SRTEM1
190, 195	16000 thru 16183	MC0311715-4 2	MC0311715-3 2	MC0311715-3 2	MC0311715-4 2	SRTEM1
210-5 (205)	2050001 thru 2050480	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
210-5A (205A)	2050481 thru 2050577	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
206	2060001 thru 2060275	MC1210408-1	MC1210408-5 2	MC1210408-8	MC1210408-6 2	SRTEM1
U206A,B,C,D,E1	U2060276 thru U20601587	MC1210408-1	MC1210408-5 2	MC1210408-8	MC1210408-6 2	SRTEM1
TU206A,B,C,D,E1	U2060276 thru U20601587	MC1210408-1	MC1210408-5 2	MC1210408-8	MC1210408-6 2	SRTEM1
P206A,B,C,D,E	P2060001 thru P20600647	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
TP206A,B,C,D,E	P2060002 thru P20600647	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
U206E1,F1	U20601588 thru U20601874	Not available	MC1210408-21 2	MC1210408-14	MC1210408-12 2	SRTEM1
TU206E1,F1	U20601588 thru U20601874	Not available	MC1210408-21 2	MC1210408-14	MC1210408-12 2	SRTEM1
U206F1,G1	U20601875 thru U20605309	MC1210408-18 2	MC1210408-21 2	MC1210408-17 2	MC1210408-12 2	SRTEM1
TU206F1,G1	U20601875 thru U20605309	MC1210408-18 2	MC1210408-21 2	MC1210408-17 2	MC1210408-12 2	SRTEM1
U206G1	U20605310 thru U20607020	MC1210408-24 2	MC1210408-21 2	MC1210408-23 2	MC1210408-12 2	SRTEM1
TU206G1	U20605310 thru U20607020	MC1210408-24 2	MC1210408-21 2	MC1210408-23 2	MC1210408-12 2	SRTEM1
2071/T2071	20700001 thru 20700215	MC1210408-1	MC1210408-9 2	Not Available	MC1210408-6 2	SRTEM1
2071/T207	20700216 thru 20700562	MC1210408-18 2	MC1210408-15 2	MC1210408-16 2	MC1210408-12 2	SRTEM1
207A1/T207A1	20700216 thru 20700562	MC1210408-18 2	MC1210408-15 2	MC1210408-16 2	MC1210408-12 2	SRTEM1
207A1/T207A1	20700563 thru 20700788	MC1210408-24 2	MC1210408-15 2	MC1210408-22 2	MC1210408-12 2	SRTEM1
210, 210A	21057001 thru 21057840	Not Available	MC1210025-3 2	Not Available	MC1210025-2 2	SRTEM1
210B,C,D,E,F,G,H,J	21057841 thru 21059199	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
210K,L1/T210K,L1	21059200 thru 21060539	Fwd MC1210520-11 2 Removable MC1210520-3	Fwd MC1210520-9 2	Fwd MC1210520-12 2	Fwd MC1210520-2 2 Removable MC1210520-4 2	SRTEM1
210L1,M/T210L1,M	21060540 thru 21062954	Fwd MC1210520-11 2 Removable MC1210520-3	Fwd MC1211514-1 2	Fwd MC1211514-1 2	Fwd MC1210520-2 2 Removable MC1210520-4 2	SRTEM1
210N,R/T210N,R	21062955 thru 21065009	Fwd MC1210520-15 2	Fwd MC1211514-2 2	Fwd MC1211514-2 2	Fwd MC1210520-16 2	SRTEM1/3
P210N1	P21000001 thru P21000150	Fwd MC1210520-11 2 Removable MC1210520-3	Fwd MC1211514-1 2	Fwd MC1211514-1 2	Fwd MC1210520-2 2 Removable MC1210520-4 2	SRTEM1
P210N1,R	P21000151 thru P21000874	Fwd MC1210520-15 2	Fwd MC1211514-2 2	Fwd MC1211514-2 2	Fwd MC1210520-16 2	SRTEM1/3
T210F,G,H,J	T2100001 thru T2100454	MC1210408-1	MC1210408-5 2	MC1210408-4	MC1210408-6 2	SRTEM1
305A,B,C,D,E,F	All	Front Seat Left-MC0611134-3 2		Front Seat Right-MC0611134-2 2		SRTEM1
Most 310 and 320	Cessna Manufactured	Left-0812200-125		Right-0812200-126		SRTEM1

1 Partial model eligibility

2 These rails have seat adjust holes

Templates for Cessna Seat Rails

Templates make the job of transferring the original rivet hole pattern from the old seat rail to the new seat rail easy!

- Inexpensive
- Achieve a precise fit every time

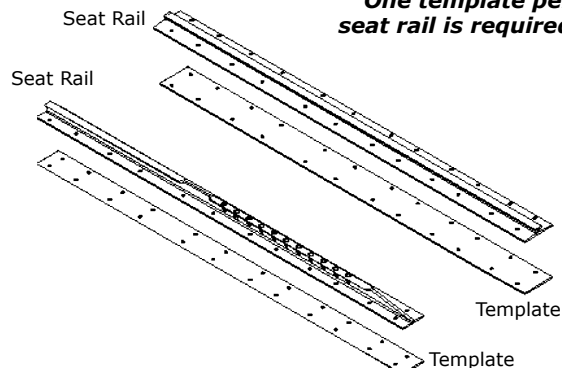
To use the templates

1. Clamp the template to your old seat rail.
2. Drill holes through the holes in the old seat rail into the template.
3. Clamp the template to the new seat rail and drill several holes through the template and new seat rail.
4. Set the new seat rail in position in the aircraft and check for proper seat rail alignment. The seat rails must be properly aligned and parallel with each other.
5. Clamp the templates again to the new seat rail and make any required alignment adjustments discovered during the aircraft test installation.
6. Drill all of the required holes through the template and the new seat rail.

Models 150-152 and 190-195 do not require templates as the screw holes are pre-drilled. See seat rail eligibility for the template for your seat rails.

SRTEM1 1.5" X 38" X .025"
SRTEM2 2.25" X 30" X .025"
SRTEM3 1.5" X 58.63" X .025"

One template per seat rail is required



Seat Rail Rivet and Screw Kits

McFarlane offers either rivets or screws as convenient kits containing AN and MS hardware. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi with lock nuts provided the holes are ream fit and spotfaced. Each kit contains enough rivets or screws to install four seat rails. These kits do not contain all required hardware for Cessna model 177 seat rails.

Installation hardware items are also available separately.

RIVET KIT 1

1/8 & 5/32 Universal Head Rivet Kit

Qty	U/M	Part Number
22	Grams	MS20470 AD4-5
11	Grams	MS20470 AD4-6
14	Grams	MS20470 AD4-7
6	Grams	MS20470 AD4-10
6	Grams	MS20470 AD4-12
18	Grams	MS20470 AD5-5
13	Grams	MS20470 AD5-6
13	Grams	MS20470 AD5-7
10	Grams	MS20470 AD5-10
10	Grams	MS20470 AD5-12



SR150-SCREW-KIT

Contains #10 screws and hardware required for all Cessna 150/152 models

Qty	Part Number	Desc.	Size
40	MS27039-1-08	Screw	10-32 X .531
2	MS27039-1-09	Screw	10-32 X .594
2	MS27039-1-17	Screw	10-32 X 1.094
40	MS21044N3	Nut	Nylon Lock, 10-32

SR6-SCREW-KIT

Contains #6 and #8 screws and hardware

Qty	Part Number	Desc.	Size
140	MS35206-229	Screw	6-32 X .438
16	MS35206-230	Screw	6-32 X .5
12	MS27039-0811	Screw	8-32 X .719
12	MS27039-0812	Screw	8-32 X .781
12	MS27039-0813	Screw	8-32 X .844
12	MS27039-0814	Screw	8-32 X .906
35	NAS21042-08	Nut	Small Wrench Surface
80	NAS21042-06	Nut	Small Wrench Surface
80	MS21044N06	Nut	Nylon Lock, 6-32
200	AN960-6L	Washer	#6 Thin
100	AN960-8L	Washer	#8 Thin

SR8-SCREW-KIT

Contains #8 screws and hardware

Qty	Part Number	Desc.	Size
140	MS27039-0808	Screw	8-32 X .531
12	MS27039-0809	Screw	8-32 X .594
12	MS27039-0810	Screw	8-32 X .656
12	MS27039-0811	Screw	8-32 X .719
12	MS27039-0812	Screw	8-32 X .781
12	MS27039-0813	Screw	8-32 X .844
12	MS27039-0814	Screw	8-32 X .906
80	NAS21042-08	Nut	Small Wrench Surface
80	MS21044N08	Nut	Nylon Lock, 8-32
200	AN960-8L	Washer	#8 Thin

FAA General Aviation Airworthiness Information Bulletin CE-90-03R2, 08/26/2002 Original Issue 01/16/1991

This alert gives direction for the replacement of seat rails for most Cessna airplanes as required by AD 87-20-03R2. This alert advises all owners and operators of the necessity to install all required fasteners when seat rails are being replaced. Many seat rails are manufactured with pilot holes only and do not contain all holes required for installation of the seat rail in the airplane. It is, therefore, necessary for the installer to assure that there are sufficient holes to accommodate all required fasteners.

Note these recommendations:

1. When replacing a seat rail, note the number and location of all fastener holes on the seat rail being removed.
2. Match these holes against the holes in the replacement seat rail. If the replacement seat rail does not have all of the same holes at the same locations, they must be drilled.
3. Since it is difficult to install many of the rivets required to attach the seat rail, it is permissible to substitute screws with ultimate tensile strength exceeding 50 ksi. Example of such screws are AN515, AN520, AN525, MS35206, MS35207, MS35214, MS35215, MS35218, MS35219, MS51957 or MS51958 with lock nuts, provided the holes are ream fit and spotfaced. For further information contact your local FAA office.

Spotface Kit

Now modified for rail cap clearance!

Kit P/N SPOTFACE KIT

Contains a tool used with an electric drill to make a flat spot for screws. Cutter comes with three pilots. Components sold as a kit or separately by part number.

Cutter P/N 6080,
 1/8" pilot P/N 6078
 5/32" pilot P/N 6076
 3/16" pilot P/N 6077
 Pouch P/N 6090



Cargo Tie Downs

Secure your cargo

P/N TDC-208

Cessna 208, 208A and 208B series aircraft

Clamps to seat rails to provide tie down points to secure cargo.

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA

Note: This product is not to be used as a seat stop.
 Manufactured by F Atlee Dodge



P/N TDC-208

Seat Rails and Seat Parts



FAA-PMA Approved

Pilot/Copilot Seat Rail Repair Kit for Cessna Citation Aircraft

Part Number MCSK101

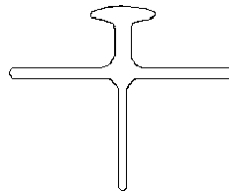
Save time and money!

McFarlane has created a new, patented solution, using input from Citation mechanics and our extensive experience with Cessna seat rails. Eligible for installation on all Cessna 500 and 501 series aircraft.

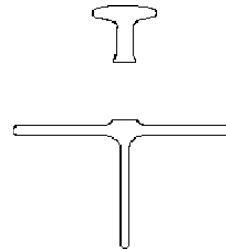
- FAA-PMA/STC approved
- Stronger than the Cessna splice repair
- No splice kit needed
- Makes future replacements bolt-in only
- Complete installation tool kit may be purchased or rented
- No cutting or riveting below the floor level

Patent Number 7,168,674 B2

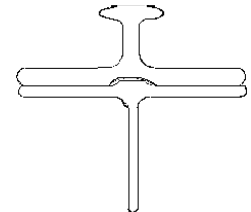
Original Cessna
Seat Rail Extrusion



Cut the rail cap
off using the
McFarlane tool kit



Bolt the McFarlane
replacement seat rail
to the Cessna extrusion



Seat Stop Kits for Cessna Aircraft

McFarlane Seat stops are stronger than the originals!

Kits contain FAA-PMA and industry standard components



Seat Stop Kit 1

- (1) MC0713074-1
- (1) MS24665-132
- (1) MS20392-1C21



Seat Stop Kit 2

- (1) MC0511242-1
- (1) MS35265-41



Seat Stop Kit 3

- (1) MC0713074-1
- (1) MS24665-132
- (1) MS20392-1C21
- (2) NAS43DD1-9

Model	Serial Number	Part Number
150F, G, H, J, K, L	15063763 thru 15073658	Seat Stop Kit 3
A150K, L	A1500001 thru A1500342	Seat Stop Kit 3
F150G, H, J, K, L	F1500068 thru F15000863	Seat Stop Kit 3
FA150K, L	FA1500001 thru FA1500166	Seat Stop Kit 3
172A, B, C	28000 thru 17249544	Seat Stop Kit 1
172D, E, F, G, H, I, K, L, M, N, P, Q	17249545 thru 17276516	Seat Stop Kit 2
F172M, N, P	F17200905 thru F17202238	Seat Stop Kit 2
FR172E, F, J, K	FR17200001 thru FR17200675	Seat Stop Kit 2
P172	P17257120 thru P17257188	Seat Stop Kit 2
172P	17276517 thru 17276673	Seat Stop Kit 1
F172P	F17202239 thru F17202254	Seat Stop Kit 1
R172K	R1722000 thru R1723454	Seat Stop Kit 2
172RG	172RG0001 thru 172RG1191	Seat Stop Kit 2
175	55001 thru 17557119	Seat Stop Kit 1
177, A, B	17700001 thru 17702752	Seat Stop Kit 2
177RG	177RG0001 thru 177RG1366	Seat Stop Kit 2
180, A, B, C, D, E, F, G, H, J, K	30000 thru 18053203	Seat Stop Kit 1
182, A, B, C, D, E, F, G, H	33000 thru 18256684	Seat Stop Kit 1
182J, K, L, M, N, P, Q, R	18256685 thru 18268586	Seat Stop Kit 1
F182P, Q	F18200001 thru F18200169	Seat Stop Kit 1
FR182	FR18200001 thru FR18200070	Seat Stop Kit 1
T182	18267716 thru 18268541	Seat Stop Kit 1
R182/ TR182	R18200001 thru R18202041	Seat Stop Kit 1
185, A, B, C, D, E, A185E, F	1850001 thru 18504448	Seat Stop Kit 1
188, A, A188, A	1880001 thru 18800832	Seat Stop Kit 1
188B	188002349 thru 18803846	Seat Stop Kit 1
	188002349T thru 18803968T	Seat Stop Kit 1
T188C	T18803297T thru T18803968T	Seat Stop Kit 1
Standard Seats		
188B	18800833 thru 18802348	Seat Stop Kit 1
A188B	18800967T thru 18802348T	Seat Stop Kit 1
Infinitely Adjustable Seats		
188B	18800833 thru 18802348	Seat Stop Kit 2
A188B	18800967T thru 18802348T	Seat Stop Kit 2
Pilot/Copilot & Middle Seats		
210-5 (205), 210-5A (205A)	205-0001 thru 205-0577	Seat Stop Kit 1

Partial model eligibility

Model	Serial Number	Part Number
Pilot/Copilot Seats		
206	206-0001 thru 206-0275	Seat Stop Kit 1
U206, A, B, C, D, TU206A, B, C, D	U206-0276 thru U206-1444	Seat Stop Kit 1
P206, A, B, C, D, TP206A, B, C, D	P206-0001 thru P206-0603	Seat Stop Kit 1
U206E, F, G, TU206E, F, G	U20601588 thru U20607020	Seat Stop Kit 1
Standard Pilot/Copilot Seats		
U206E, TU206E	U20601445 thru U20601587	Seat Stop Kit 1
P206E, TP206E	P20600604 thru P20600647	Seat Stop Kit 1
Infinitely Adjustable Pilot/Copilot Seats		
U206E, TU206E	U20601445 thru U20601587	Seat Stop Kit 2
P206E, TP206E	P206-0604 thru P206-0647	Seat Stop Kit 2
Middle Seats		
206, U206, A, B, C, D, E, F, G	206-0001 thru 206-0275	Seat Stop Kit 1
TU206A, B, C, D, E, F, G	U206-0276 thru U20607020	Seat Stop Kit 1
P206, A, B, C, D, E	P206-0001 thru P206-0647	Seat Stop Kit 1
TP206A, B, C, D, E	P206-0001 thru P206-0647	Seat Stop Kit 1
Standard Pilot/Copilot Seats		
207, T207	20700001 thru 20700215	Seat Stop Kit 1
Infinitely Adjustable Pilot/Copilot Seats		
207, T207	20700149 thru 20700215	Seat Stop Kit 2
Pilot/Copilot Seats		
207A, T207A	20700216 thru 20700788	Seat Stop Kit 1
Middle Seats		
207, A, T207, A	20700001 thru 20700788	Seat Stop Kit 1
Pilot/Copilot Seats		
210, A, B, C, D, E, F, G, H, J, K, L, M, N, R	57001 thru 21065009	Seat Stop Kit 1
T210	T210-0001 thru T210-0454	Seat Stop Kit 1
Middle Seat		
210K, L, M, N, R	21059200 thru 21065009	Seat Stop Kit 1
T210K, L, M, N, R	21059200 thru 21065009	Seat Stop Kit 1
P210N, R	P21000001 thru P210000867	Seat Stop Kit 1
Rear Seats		
210D, E, F, G, H, J	21058221 thru 21059199	Seat Stop Kit 1
T210	T210-0001 thru T210-0454	Seat Stop Kit 1
Pilot/Copilot Seats		
T210F, G, H, J	T2100001 thru T2100454	Seat Stop Kit 1
P210N, R	P2100001 thru P21000874	Seat Stop Kit 1

Seat Roller Kits for Cessna Aircraft

Now also approved for 300-400 series aircraft!

McFarlane seat parts were developed to assist in complying with the parts replacement requirements of FAA Airworthiness Directive 87-20-03. This AD requires the periodic inspection and replacement of seat components of the entire Cessna light aircraft fleet. Our parts are direct replacements for the wear related seat components. All parts are available individually or as convenient kits.

Rollers

- Fabricated from molydisulfide filled nylon for improved strength and self-lubrication.
- Fully machined from extruded stock for a finer surface finish and higher strength.



Bushings

- Machined from alloy steel
- Longer life
- Greater wear resistance



Washers

- Super tough acetyl plastic
- Resists wear and aging
- MC1714000-41 full round washer also available



Choose the Correct Kit

The seat related replacement parts are not serial number specific, as the type of seat installed in the aircraft was optional when the aircraft was ordered from the factory. A common seat configuration is the pilot seat being "articulating" or "infinitely adjustable" while the co-pilot seat is the "standard" or "vertically adjustable" style. **One kit per seat is required.**

The most positive way to ensure that you are choosing the proper seat kit for your aircraft is to measure the rollers.

SEAT-KT-1

Roller diameter approximately 1 3/8"

This kit is used with the "infinitely adjustable" or "articulating" seats installed in the Cessna single engine aircraft from 1963 through 1986. Two adjustment crank handles identify this seat. The backrest angle is adjusted with a crank. It is also used with some 336-337 series aircraft. The SEAT-KT-1 contains the same components as four of the Cessna 1714000K200 kits.

All seats in the 177 Cardinal will use the large seat roller and require this kit. These parts are not used on models 150-152.

- (8) MC1714000-22 Washer
- (4) MCS1704-1 Roller
- (4) MC1414104-54 Bushing



SEAT-KT-2

Roller diameter approximately 5/8"

This kit is used with the "Standard" or "Vertically adjustable" seat installed in Cessna single engine aircraft from 1963 through 1986. This seat is identified by one or no adjustment crank handles. The seat back angle is adjusted with a lever on the side of the seat back. It is also used with some 336-337 series aircraft. The SEAT-KT-2 contains the same components as four of the Cessna 1414100-212 kits.

These parts are not used on models 150-152.

- (8) MCS1554-1 Washer
- (4) MCS1551-1 Roller
- (4) MC1414104-54 Bushing



SEAT-KT-3

Roller diameter approximately 7/8" with no wear washers

This kit is used with all seats in the Cessna 150-152 series aircraft and all Cessna single engine aircraft built before 1963. A welded steel tubing seat frame easily identifies these seats. It is also used with some Cessna twin engine aircraft.

- (4) MC0311310 Roller
- (4) MC0311586 Bushing



Obsolete Roller 1964-1965

Cessna aircraft manufactured in 1964 and 1965 had a spool shape roller with a smaller bushing. Use SEAT-KT-2 to replace this style roller.

The complete kit must be used, as the bushing size is different.



Seat Rail Wear Gauge for Cessna Aircraft

Checks seat rail wear limits as per FAA AD 2011-10-09

Seat Rail Directive

The McFarlane Seat Rail Wear Gauge is designed to check for seat rail pin engagement hole wear on Cessna aircraft, as required by FAA AD 2011-10-09. This gauge is designed to measure the actual radius wear near the seat stop holes and allows for the 0.020 upper surface wear permitted by the AD. This gauge is very precisely machined.

Fast and Positive - No More Guessing!!



1. Place the gauge into each hole location showing wear.



2. Slide gauge back along **top center** of the rail until it contacts the hole edge. Make sure to keep the gauge parallel and square to the unworn rail surface.



3. If the step touches the rail, lifting the gauge up, the wear is less than 0.42. If the step **does not** touch the rail, the wear is more than 0.42 and the seat rail must be replaced.



Note: Earlier versions of the McFarlane Seat Rail Hole Wear Gauge feature a 0.36 and a 0.42 step. The 0.36 step was included per an earlier version of the Airworthiness Directive and is no longer used.



**Part Number
GAUGE SR1**

Seat Roller Housing Gauge for Cessna Aircraft

Part Number TOOL110

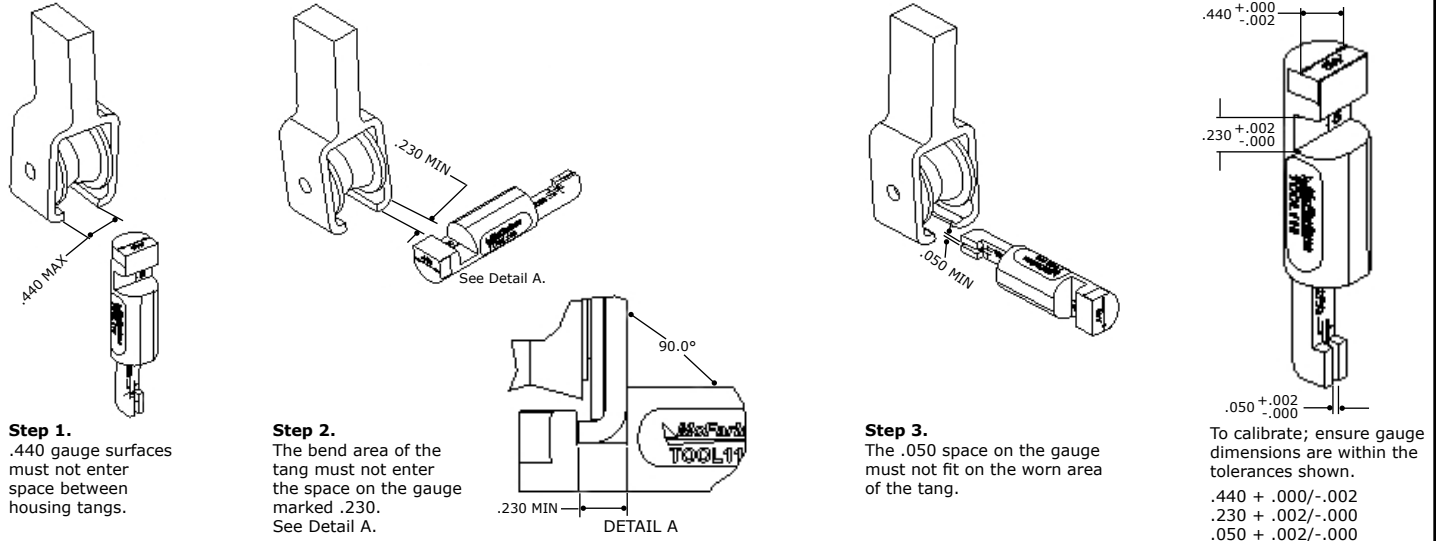
- Hardened Stainless Steel
- Save time! Ten times faster than calipers
- Step by step instructions
- Measures all three dimensions without removing rollers

Checks Cessna seat roller housing limits as per FAA AD 2011-10-09

The McFarlane Seat Roller Housing Gauge is designed to facilitate inspection of seat roller housings for wear in Cessna aircraft as required by mandatory FAA AD 2011-10-09. Designed for seat roller housings that are replaceable, this gauge simplifies determining whether the housing is in or out of tolerance by allowing the areas of concern to be gauged, as opposed to measuring individual attributes on each seat roller housing with calipers. Do not use on welded/non-replaceable seat roller housings.



P/N TOOL110



Seat Roller Housings for Cessna Aircraft

Save \$\$

- Precision machined
- FAA-PMA direct replacement
- Seat roller housings for most single engine Cessna and Skymaster
- Replace out of spec housings as required by FAA AD 2011-10-09
- Pre assembled roller housing/bracket assemblies save time. The old bracket does not have to be removed and reinstalled.

FAA Approval Pending!

Part Numbers:

MC1414104-25
MC1414104-26
MC1414104-39
MC1414104-40
MC1414104-41
MC1414104-42
MC1414104-61
MC1414104-65
MC1414104-67
MC1414104-68
MC1414104-71
MC1414104-72
MC0700645-1
MC0700645-2
MC0700645-3
MC0700645-4
MC1200603-38
MC1200603-41
MC1200603-42
MC1414104-8
MC1714000-33



Housings and brackets are available separately or pre assembled. For housing/bracket assemblies add the letter "B" to the end of the part number; i.e. MC1414104-25B.

See www.mcfarlaneaviation.com for eligibility

Seat Rail for Piper Aircraft

- Direct replacement
- Precision machined
- Gold anodized for corrosion resistance
- Dry lubricant applied for long service life
- Save hundreds of \$\$
- They are prettier too!



Part Number MC62557-004 is used in all positions for all models listed below:

PA28-140, PA28-150, PA28-151, PA28-160, PA28S-160, PA28-161, PA28-180, PA28R-180, PA28S-180, PA28-181, PA28-201T, PA28R-200, PA28R-201, PA28R-201T, PA28RT-201, PA28RT-201T, PA28-235, PA28-236, PA32-260, PA32-300, PA32R-300, PA32-301, PA32-301T, PA32R-301 (HP), PA32R-301 (SP), PA32R-301T, PA32RT-300, PA32RT-300T, PA32S-300, PA34-200, PA34-200T, PA34-220T, PA44-180, PA44-180T

Cargo Tie Downs

Part number TDP-31

Secure your cargo

Clamps to seat rails to provide tie down points to secure cargo.

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA Piper

Eligible model series:

PA31, PA31-300, PA31-325, PA31-350, PA31P, PA31P-350, PA31-T, PA31-T1, PA31-T2 and PA31-T3 series

Note: This product is not to be used as a seat stop.

Manufactured by F Atlee Dodge



Seat Roller for Piper Aircraft

Part number CA87332-002

Direct replacement

- If the roller measures 0.62" order P/N CA87332-002.
- If the roller measures 0.42" use Piper P/N 18968-000. (provided by McFarlane for reference only).

Eligible model series:

PA28-140,150,151,160,161,180,181,235,236,PA28R-180,200,PA32-260,300,301,301T, PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA46-310P,350P

Manufactured by PMA Products, Inc.



Seat Adjustment Spring for Piper Aircraft

Replacement springs just got more affordable!

Part number MC587-404

- Direct replacement
- One required per bucket seat



Model	Qty per A/C	Serial Number
PA-28-140	2	28-7425061 thru 28-7725290
PA-28-151 ¹	2	All
PA-28-161 ¹	2	2841001 thru 28-7716073
PA-28-180	2	28-7405035 thru 28-7505260
PA-28-181	2	2843001 thru 2843999
PA-28-181	2	2890206 thru 28-7790358
PA-28-201T	2	All
PA-28-235	2	28-7410027 thru 28-7710089
PA-28-236	2	All
PA-28R-200	2	28R-7435035 thru 28R-7635545
PA-28R-201	2	All
PA-28R-201T	2	All
PA-28RT-201T	2	All
PA-32-260	2	32-7400001 thru 32-7800008
PA-32-301	2	All
PA-32-301T	2	All
PA-32R-300	2	All
PA-32R-301	2	All
PA-32R-301T	2	All
PA-32RT-300	2	All
PA-32RT-300T	2	All
PA-34-200	2	34-7450033 thru 34-7450220
PA-34-200T	2	All
PA-34-220T	2	All
PA-44-180	2	All
PA-44-180T	2	All
PA-46-310P	4	All
PA-46-350P	4	4622001 thru 4622200
PA-46-350P	6	4636001 thru 4636999
PA-46-500TP	4	All
PA-46R-350T	4	All

¹ When equipped with 89178-10.

² Some Piper parts catalogs do not list part number 587-404 separately, but list an assembly part number of 89178-010 instead. McFarlane P/N MC587-404 replaces the spring component of this assembly.

³ Replaces Stabilus Bloc-O-Lift or Gas Spring Corp. Easy Lift style springs. Does not replace Piper P/N 76445-000 (P.L. Porter HydroLock style spring).

Also Pending FAA Approval:
Replacement spring for P.L. Porter HydroLock style spring

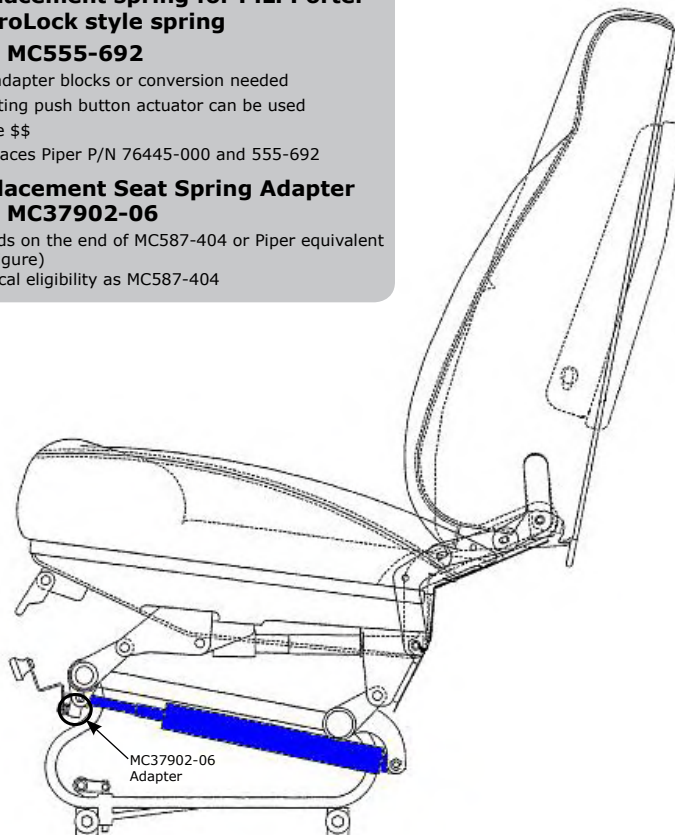
P/N MC555-692

- No adapter blocks or conversion needed
- Existing push button actuator can be used
- Save \$\$
- Replaces Piper P/N 76445-000 and 555-692

Replacement Seat Spring Adapter
P/N MC37902-06

Threads on the end of MC587-404 or Piper equivalent (see figure)

Identical eligibility as MC587-404



Browline Style Seat Tracks/Cargo Tracks

- Perfect for homebuilt or experimental projects
- Slotted extrusion with 0.785" diameter openings every one inch.
- Dimension meet MS33601 except thinner for reduced weight.
- Compatible with common MS33601 cargo tie down and seat stud fittings. (see below)
- Precision machined and quality controlled
- Aerospace grade 7075-T6511 aluminum with full traceability

Standard Lengths

P/N 6656-L (L = the minimum length in inches)

Anodized for corrosion protection.

Available in 6, 12, 18, 24, 36, 48, 160 and 179 inch lengths.

P/N STE105

Slotted extrusion without machined 0.785" diameter openings.

Non-anodized. Available by the inch.

Custom Tracks

Custom lengths and machining available. Call for details.



P/N 6656 Series



P/N STE105

Filler Strip for Browline Style Track

P/N FE200751

- Provides a finished look
- Keeps debris out of the track
- May be cut to length, sold in 25 Ft. roll



Browline Style Anchor Plate

P/N 40000-11

- For use with single stud fittings
- Small and low profile, providing damage protection to cargo and baggage
- An ideal way to support single location fastening of nets, straps, or other equipment
- NSN Number 1560-01-286-1030
- Aluminum alloy, anodized

Working load limit:

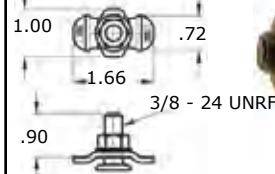
4000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull



Threaded Single Stud Fitting with Nut for Browline Style Track

P/N FE200744



Specifications

Material: Carbon Steel

Finish: Zinc Plated

Working Load Limit:

5000 lbs @ 0° vertical pull

2000 lbs @ 90° horizontal pull

Chair Leg Stud Quick Release Anchor

P/N MC41528-14

- Use with Browline style track
- Spring loaded fitting snaps securely into place and can be easily moved to different positions.
- Designed to mate with 1" O.D. 0.035" wall tube or a 0.720" O.D. stud.
- 7075 Aluminum



Cargo Tie Down Fittings for Browline Style Track

- Use with Browline style track (McFarlane P/N series 6656) or other MS33601 compatible track - sometimes called L-track
- Perfect for net or strap restraint applications
- Spring loaded fitting snaps securely into place and can be easily moved to different positions.



P/N 32401



P/N 40340-20



P/N 40340-21



P/N 47981-10



P/N 47981-11



P/N 32505



P/N 32507

P/N	Description	Figure	A	B	C	D	E	F	0° Vertical Working Load Limit lbs.	90° Horizontal Pull Angle Working Load Limit lbs.
32401	Single Stud Fitting with Ring	1	1.99"	0.93"	1.18"	0.19"	0.63"	1.23"	1333	1000
40340-20 ¹	Single Stud Fitting with Ring	1	1.87"	0.87"	1.12"	0.19"	0.71"	1.43"	1000	500
40340-21 ²	Single Stud Fitting with D-Ring	2	2.00"	1.09"	0.19"	0.71"	1.43"		1000	500
47981-10	Double Stud Fitting with Round Ring	3	1.75"	2.32"	2.34"	0.31"	0.76"		10000	5000
47981-11	Double Stud Fitting with Twisted Ring	4	1.56"	2.32"	3.76"	0.27"	0.76"		5000	5000
32505 ³	Triple Stud Fitting without Ring	5	1.12"	0.90"	2.60"				2167	1670
32507 ³	Triple Stud Fitting with Pear Shaped Ring	6	1.12"	0.90"	1.16"	0.25"	4.90"		2000	1670

¹ NSN Number 1670-01-243-8877

² NSN Number 1670-01-261-0567

³ 60° Pull angle working load limit = 2000 lbs.

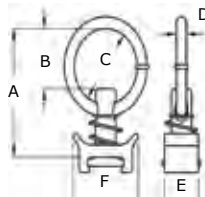


Figure 1

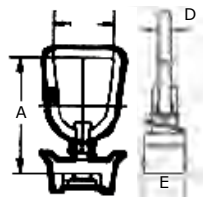


Figure 2

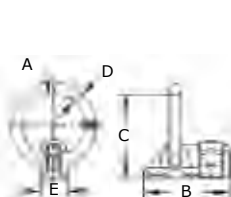


Figure 3

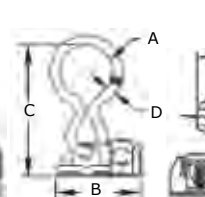


Figure 4

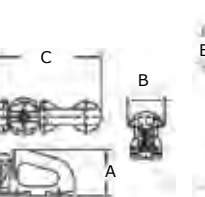


Figure 5

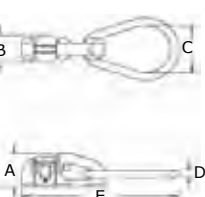
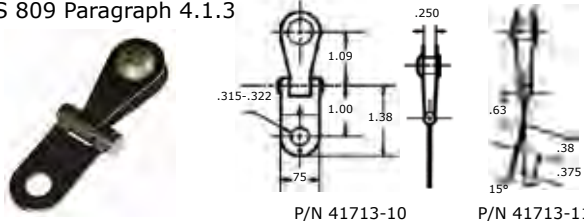


Figure 6

Seat Belt Shackles

P/N 41713-10 and 41713-11

- High strength, low profile design
- Made especially for today's lightweight seats
- Stainless steel, cad plated
- Meets the load requirements of NAS 809 Paragraph 4.1.3



Cargo Tie Downs

- Clamps to seat rails to provide tie down points to secure cargo
- 4 required per every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC

Note: This product is not to be used as a seat stop

P/N	Color	Aircraft Model Eligibility
8006	Red	Cessna 150 thru 210
TDC-208	Blue	Cessna 208, 208A, and 208B
TDP-31	Green	Piper PA31, PA31-300,-325,-350, PA31P, PA31P-350, PA31-T, PA31-T1,T2,T3



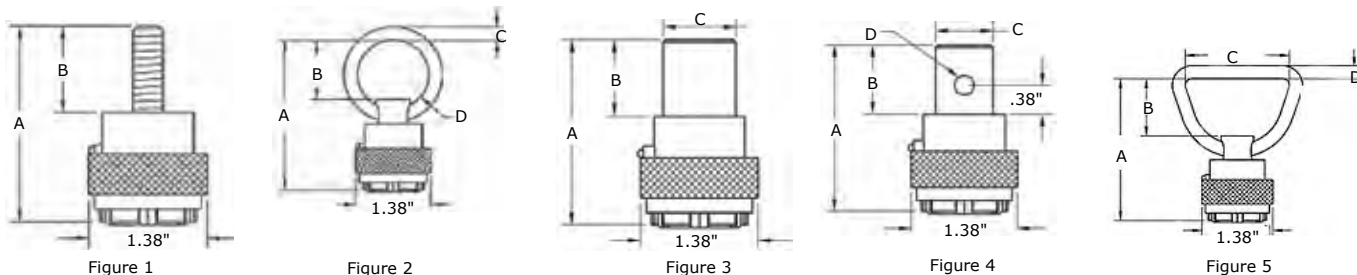
12-Jaw Seat/Cargo Tie Down Quick Disconnect Adapters (MS22034 style)

- Spring loaded ring locks jaws around stud, and spring loaded lock pin prevents accidental release.
- Use with P/N 34003-59 seat cargo stud (shown below). Also works with any MS21234, MS21235 and AM7516 style seat/cargo attach fittings.



P/N	Description	Figure	A	B	C	D	0° Vertical Breaking Strength lbs.	90° Pull Angle Breaking Strength lbs.
33115	12-Jaw, Threaded Stud, 1" x 3/8-24UNF Threaded Stud	1	2.26"	1.00"			5475	2300
33116	12-Jaw, Threaded Stud, 3/4" x 3/8-24UNF Threaded Stud	1	2.01"	.75"			5475	2300
32326	12-Jaw, Ring	2	2.85"	1.13"	.25"	1.31"	5475	2300
32334 ¹	12-Jaw, Chair Leg Stud, 0.85"	3	2.16"	.90"	.85"		N/A	2300
32336 ²	12-Jaw, Chair Leg Stud, 0.88" with 1/4" Hole	4	2.16"	.90"	.88"	.25"	5475	2300
32340 ³	12-Jaw, Chair Leg Stud, 0.85" with 1/4" Hole	4	2.16"	.90"	.85"	.25"	5475	2300
32343	12-Jaw, D-Ring	5	2.82"	1.1"	2.01"	.25"	5475	2300
32367 ⁴	12-Jaw, Chair Leg Stud, 0.75" with 3/8" Hole	4	2.32"	1.06"	.75"	.375"	5475	2300

- ¹ Replaces MS22034-1B
² Replaces MS22034-2
³ Replaces MS22034-1
⁴ Replaces MS22034-3



Seat/Cargo Stud for 12-Jaw Quick Disconnect Adapters

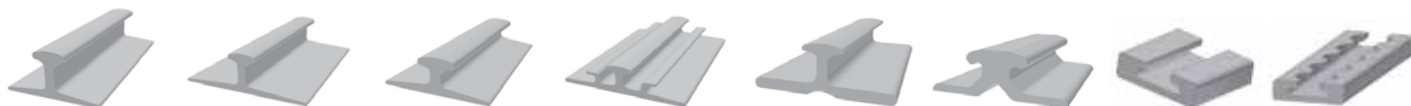
P/N 34003-59

- Standard head geometry is compatible with 12-Jaw quick disconnect adapters
- 3/8-24 UNF thread is 11/16" long
- 5/8" hex



Seat Rail Extrusion

Ideal for the home built aircraft! For custom projects McFarlane offers eight design types. Blank extrusion can be cut to most any length and is sold by the inch. We can also custom machine to your specifications.



P/N STE101 1 1/2" X 7/10" X 1/2"	P/N STE102 2 3/10" X 7/10" X 1/2"	P/N STE103 1 1/2" X 1/2" X 1/2"	P/N STE104 2 3/10" X 1/2" X 1/2"	P/N STE108 1 3/4" X 5/8" X 1/2"	P/N STE109 2 3/10" X 3/4" X 1"	P/N STE105 1.34" X 0.37"	P/N 6656 1.34" X 0.37"
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Door Cables for Beechcraft, Cessna and Piper Aircraft

Save \$\$

Pre-formed, stainless steel aircraft cables are sealed with silicon rubber that is easy to clean, will not crack due to wear or climate changes, does not separate from the cable and remains pliable for easy opening and closing of aircraft doors. Cables for Cessna aircraft are OEM light gray (has green tint), Beechcraft and Piper cables are dark grey with the exception of P/Ns 31750 and 31125 for pressurized aircraft (these are translucent).

- Unique pre-formed stainless steel aircraft cable
- Hand-crafted with the highest quality standards.
- FAA-PMA Approved

Manufactured by Aero-Cables Corp. and Seginus, Inc.



Cessna Twins

Model	Serial Number	Lower Cabin Door Forward	Lower Cabin Door Aft	Cargo Door Fwd and Aft
T303	T30300001 thru T30300247	51-00 (303)		
	340A0201 thru 340A0600	32-75	31-25	
340A	340A0601 thru 340A1800	32-75 ¹ , 51-00 ²	31-25 ¹ , 49-75 ²	
	340A1801 and on ³	48-75 ³	50-00 ³	
402C	402C0001 thru 402C0200	32-75 ¹ , 48-75 ² ³	32-75 ¹ , 50-00 ² ³	31-25 ⁹
	402C0201 thru 402C0800	51-00 ¹ ⁴ , 32-75 ¹ ⁵ , 48-75 ² ³	49-75 ¹ ⁴ , 32-75 ⁵ , 50-00 ² ³	31-25 ⁹
	402C0801 and on	48-75 ³	50-00 ³	31-25 ⁹
404	404-0401 thru 404-0600	32-75	32-75	32-75 ⁹
	404-0601 and on	49-75	49-75	32-75 ⁹
414	414-0001 thru 414-0900	56-00	47-625	
	414-0901 and On		47-625	
414A	414A0201 thru 414A0400	31-25 ¹ , 48-75 ² ³	31-25 ¹ , 48-75 ² ³	
421A	All		47-625 ⁶	
421B	421B0001 thru 421B0970	56-00	47-625	
	421C0001 thru 421C0200	56-00	47-625	
421C	421C0601 thru 421C1000	31-25 ¹ , 48-75 ² ³	31-25 ¹ , 48-75 ² ³	
	421C1001 thru 421C1400	51-00 ¹ , 48-75 ² ³	51-00 ¹ , 48-75 ² ³	
	421C1401 and on	48-75 ³	48-75 ³	
425	425-0002 thru 425-0176	49-75 ⁷ , 50-00 ³ ⁸	49-75 ⁷ , 50-00 ³ ⁸	
	425-0177 and on	50-00 ³	50-00 ³	
	441-0071 thru 441-0224	32-75	31-25	
441	441-0225 thru 441-0311	49-75 ⁷ , 50-00 ³ ⁸	49-75 ⁷ , 50-00 ³ ⁸	
	441-0312 and on	50-00 ³	50-00 ³	

¹ For aircraft incorporating SK421-117

² For aircraft NOT incorporating SK421-117

³ Eligibility is accurate per Aero-Cables Corp, however PMA Supplement only lists T303.

⁴ Used with pneumatic extender

⁵ Used without pneumatic extender

⁶ Eligibility is accurate per Aero-Cables Corp, however PMA Supplement only lists 421B.

⁷ For aircraft incorporating SK441-71

⁸ For aircraft NOT incorporating SK441-71

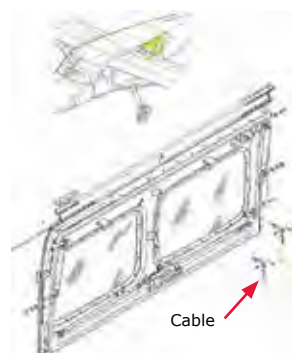
⁹ This cable is used at both the forward and aft location



Supersededures	
Cessna P/N	Aero-Cables P/N
10888	51-00 (T303)
5111508-59	47-625
5111561-22	56-00
71540-1	32-75
71540-10	50-00
71540-2	31-25
71540-3	51-00
71540-4	49-75
71540-6	49-75
71540-7	51-00
71540-8	49-75
71540-9	48-75

Cessna 208 Caravan

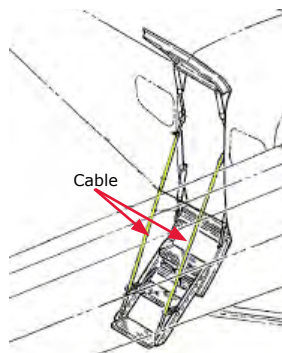
Model	S/N	P/N	Location
208, 208B	All	S2837-1EH	Passenger Door Step, Lower
		S2837-2EH	Passenger Door Step, Lower, (Float Plane)
		S2814-1EH	Cargo Door Pull, Upper
		S2814-2EH	Passenger Door Pull, Upper



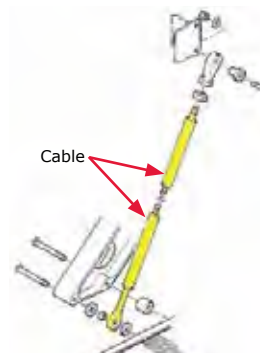
S2814-1EH Installation



S2814-2EH Installation



S2837-1EH or S2837-2EH Installation



Eligibility continues on the next page.

FAA-PMA Approved

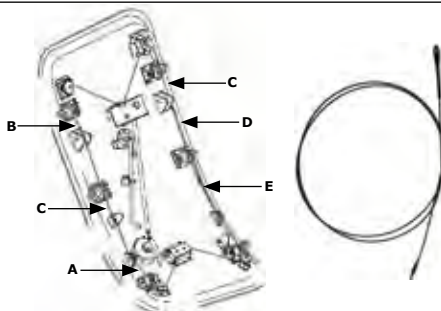
Beechcraft - Handrail and Door Support Cables

Model	Serial Number	Cabin Door Upper	Cabin Door Lower	Handrail Fwd Lower	Handrail Aft Upper	Handrail Aft Lower	Airstair Door	Other Locations
65	LC-15 and on	6800	2275					
65-80, 65-A80, 65-B80	All	6800	2275					
65-88								
65-90, 65-A90, 65-B90								
C90	LJ-685 thru LJ-1010	6900	2375					
C90, C90A	LJ-1011 thru LJ-1287				6900	2375		
C90A	LJ-1288 thru LJ-1755			2300 ¹	6900	2375		
E90	LW-179 and on	6900	2375					
F90	All				6900	2375		
100	B-2 thru B-51	6800	2275					
100, A100, B100	B-52 and On	6900	2375					
B200, B200T	All			2300	6900	2375		7618 7405 3904 3636
B200C, B200CT							6300 ⁷ ⁹ 2375 ⁸	
300, 300LW					6900	2375		
B300	All			2300	6900	2375		
B300C	All						6300 ⁷ ⁹ 2375 ⁸	
1900, 1900C	All						7600 ³ 7310 ⁴ ² 2100 ⁵ 1790 ⁶ ² 1528 ⁶	7525 ² 3750 ² ⁹ 7225 ² 3437 ²

¹ Except for S/Ns LJ-1289 thru LJ-1294, and LJ-1296 thru LJ-1299
² Eligibility is accurate per Aero-Cables Corp, however PMA Supplement does not list eligibility for these aircraft.
³ Fwd Door, Fwd and Aft
⁴ Aft Door, Fwd and Aft
⁵ Fwd and Aft Door, Aft
⁶ Fwd and Aft Door, Fwd
⁷ Upper
⁸ Lower
⁹ Price list shows this P/N with (CABLE) suffix.

Beechcraft - Airstair Door Latch Cables

Model	Serial Number	Airstair Door Latch	Index
1900, 1900C, 1900C (C-12J)	All	114-514030-1AC	A
		114-514030-9AC	B
		114-514030-13AC	C
		114-514030-17AC	D
		114-514030-21AC	E
1900D	All	129-514059-1AC	
		129-514059-13AC	
		129-514059-25AC	
		129-514059-33AC	



Piper Twins

Model	Serial Number	Cabin Door Step Support	Cabin Entrance Door	Cargo Door Upper	Cargo Door Lower	Other Locations
PA-31-300	31-228 thru 31-511		48500 (rear)	227 ³	236 ¹ ³ 330 ² ³	
PA-31-310	31-5 thru 31-104			227 ³	236 ¹ ³ 330 ² ³	
PA-31-310	31-105 thru 31-900 31-7300901 and on		48500 (rear) ⁴	227 ³	236 ¹ ³ 330 ² ³	
PA-31-310	31-8312001 to 31-8312019		50000 (front) ⁴ 48500 (rear) ⁴	227 ³	236 ¹ ³ 330 ² ³	
PA-31-325	31-7400990 thru 31-8212036		48500 (rear)	227 ³	236 ¹ ³ 330 ² ³	
PA-31-325	31-8312001 thru 31-8312019		50000 (front) 48500 (rear)	227 ³	236 ¹ ³ 330 ² ³	
PA-31-350	31-5001 thru 31-8252085		48500 (rear)	227 ³	236 ¹ ³ 330 ² ³	
PA-31-350	31-8352001 and on		50000 (front) 48500 (rear)	227 ³	236 ¹ ³ 330 ² ³	
PA-31T	31T-7400002 thru 31T-8120061	73000 (fwd) 70000 (aft) ⁵				40250
PA-31T	31T-8120062 and on	73000 (fwd) 70000 (aft) ⁵	41250 (lower) ⁶ 30250 (upper) ⁶			40250
PA-31T1	31T-1104004 thru 31T-8304003	73000 (fwd) 70000 (aft) ⁵	41250 (lower) ⁶ 30250 (upper) ⁶			40250
PA-32T2	31T-1166001 thru 31T-8166076	73000 (fwd) 70000 (aft) ⁵	41250 (lower) ⁶ 30250 (upper) ⁶			40250
PA-42	48-7800001 thru 48-8001035	73000 (fwd)				40250
PA-60-600	All					SP31125 ⁹ SP31750 ⁹
PA-60-601P, 602P, 700P	All					31125 ⁸ 31750 ⁸ SP31125 ⁷ ⁹ SP31750 ⁷ ⁹

¹ Cable with link
² Cable without link
³ Eligibility is accurate per Aero-Cables Corp, however PMA Supplement lists only PA-31, PA-31T1, PA-31T2.
⁴ Eligibility is accurate per Aero-Cables Corp, however PMA Supplement lists only PA-31, PA-31-300, PA-31-325, and PA-31-350.
⁵ Used if cargo door is NOT installed
⁶ Used if cargo door is installed
⁷ Eligibility is accurate per Aero-Cables Corp, however PMA Supplement lists only PA60-600 models as eligible.
⁸ Used on pressurized aircraft
⁹ Used on non-pressurized aircraft



Supersedures	
Beech P/N	Aero-Cables P/N
132427-A40	7525
132538-A13	6300 (CABLE)
132538-A18	2170
132538-A19	2375
132538-A20	6900
132538-A21	2300
132538-A28	7600
132538-A29	7310
132538-A3	6800
132538-A30	2100
132538-A32	1790
132538-A34	1528
132538-A37	3904
132538-A4	2275
132538-A41	3750 (CABLE)
132538-A42	7225
132538-A43	3437
1440-13	6300 (CABLE)
1440-18	2170
1440-19	2375
1440-20	6900
1440-21	2300
1440-28	7600
1440-29	7310
1440-3	6800
1440-30	2100
1440-32	1790
1440-34	1528
1440-35	7618
1440-36	7405
1440-37	3904
1440-38	3636
1440-4	2275
1440-40	7525
1440-41	3750 (CABLE)
1440-42	7225
1440-43	3437



Supersedures	
Piper P/N	Aero-Cables P/N
01679-003	41250
01679-004	30250
250039-001	SP31125
250039-501	SP31750
250039-503	31125
250039-505	31750
44523-003	48500
44523-004	50000
44562-000	227
44563-000	236
44563-000	330
47716-004	70000
47716-005	73000
72930-009	40250

Nosecone Baggage Door Latch/Lock Kits for Piper Aircraft

Save \$\$ Satisfying AD2009-13-06R1 Requirements for PA-23, PA-31, and PA-42 Series Aircraft

Improved FAA-PMA direct replacement lock and placard kits and convenient kits for all hardware required by Piper Service Bulletin 1194B to comply with AD2009-13-06R1. This AD requires a placard on the baggage door, lube and inspection of all door latching components every 100 hours and replacement of many of the components every 1000 hours.

Lock Assembly Kit P/N MC88409-002

- Pre-assembled lock and offset cam helps prevent installation mistakes
- Includes clear instructions
- FAA-PMA direct replacement

Placard Kit P/N MC88451-002

- Kit contains both a black and white version to contrast with any paint scheme
- FAA-PMA direct replacement

Complete Kits with All 1000 Hour Mandatory Replacement Hardware

Contains: MC88409-002, standard hardware, Piper original springs

Model	Complete Hardware Kit	Lock Assembly Kit	Placard Kit
PA-23-250, PA-E23-250	PBDL-KT-1	MC88409-002	MC88451-002
PA-31, PA-31-300, PA-31-325	PBDL-KT-2	MC88409-002	MC88451-002
PA-31-350 and T-1020	PBDL-KT-2	MC88409-002	MC88451-002
PA-31P, PA-31P-350	PBDL-KT-3	MC88409-002	MC88451-002
PA-31T, PA-31T1, PA-31T2, PA-31T3	PBDL-KT-3	MC88409-002	MC88451-002
PA-42, PA-42-720	PBDL-KT-3	MC88409-002	MC88451-002
PA-42-1000	PBDL-KT-3 (Forward)	MC88409-002	MC88451-002
	PBDL-KT-4 (Aft)		



Lock Assembly Kit
P/N MC88409-002



FAA Approval Pending!

Cabin Entry Step for Cessna Aircraft

Part Numbers WAC711006-1 (left), -2 (right)

- Stronger than the original
- Streamline tubing
- Internally oiled and sealed to prevent corrosion
- Direct replacement for original
- Includes anti-slip tape P/N WAC711006-8

Model	Serial Number
170, 170A,B	18000 thru 27169
180, 180A,B,C,D,E,F,G,H	30000 thru 18051875
185, 185A,B,C,D,E, A185E	1850001 thru 1851300

Partial model eligibility

Now manufactured by McFarlane!



Boot Cowl Handle

Slightly larger to accommodate gloves! P/N 3354H

180H,J, A185E,F, U206/TI206A,B,C,D,E,F,G, P206/TP206A

- Includes doubler
- Undrilled
- May not match up with existing bolt pattern due to alternate styles used by OEM.
- Replacement for P/N 0713191-1

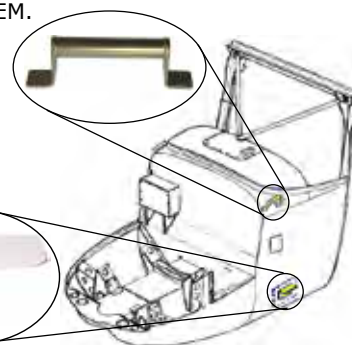
Boot Cowl Step

Slightly larger to accommodate hunting and fishing footwear! P/N 3354S

U206/TU206A,B,C,D,E,F,G, P206/TP206A

- Includes doubler
- Undrilled
- White powder coating
- Direct replacement for P/N 124022-5
- 2 per aircraft

Manufactured by F Atlee Dodge



Door Latch for Piper Navajo PA-31 Aircraft

Will not deform after extended use!

P/N AF472-004

- Improved wear resistance
- Precision wire EDM machined from solid stainless steel
- Precision fit - drop in direct replacement
- Approved for all PA-31-310, 325 and 350 models with and without extended cargo door.

Manufactured by Airforms, Inc.



Main Gear Long Step

FAA-PMA/STC

Easy clamp-on modification

Much easier cabin entry

P/N 3195

AE-1, HE-1, J3, J4, J5, PA11, PA12, PA14, PA18, PA19 Series

The Main Landing Gear Long Step is usable on both sides of the aircraft as an entry step or refueling step. Heavy tube with 3 sizes of clamps.

- A must for bush gear and tires
- Alaska tested
- Durable non-skid surface stays on
- Powder coated white for durable corrosion resistance
- Available in "Wolf Hunter" Black for an additional charge

Manufactured by F Atlee Dodge



Refueling Step

FAA-PMA/STC

No more step ladders

P/Ns 3190/-10, 3190/-11, 3190/-12

J3C-65, J3F-50, J3F-60, J3F-65, J-3L, J3L-65, J-4, J-4A, J-4B, J-5A, J5C, PA-11, 12, 14, 15, 16, PA18-105, 125, 135, A-135, 150, A-150, PA-19, PA-20, PA-20-115, PA-20-135, PA-22-108, 135, 150, 160

Clamps onto the main gear leg for easier refueling.

- Select part number by landing gear front tube OD:
1.25" OD use P/N 3190/-10,
1.375" OD use P/N 3190/-11
1.5" OD use P/N 3190/-12
- Powder coated white, available in "Wolf Hunter" Black for an additional charge

Manufactured by F Atlee Dodge



McFarlane now offers a huge selection of plastic and fiberglass trim and fairings for your aircraft!

Plastic and fiberglass interior and exterior parts from Texas Aeroplastics, Knots2U and Stene Aviation offer high quality FAA-PMA replacement parts at affordable prices.



Texas Aeroplastics

Texas Aeroplastics replacement parts are made from top grade ABS plastic with an average service life of 15-20 years when properly fitted and professionally painted. ABS plastic parts are repairable and most have been trimmed for easy installation. All exterior ABS plastic parts are white. All interior parts are fire rated, top-grade Royalite with an ivory or off-white haircell finish.



Knots 2U

Knots 2U replacement parts are made from the highest quality hand laid fiberglass. This provides for superior strength, reduced weight, and long life. The latest technology resins are used to prevent warping and shrinkage that can happen with other fiberglass. Advanced tooling and pattern techniques assure a superior fit.



Stene Aviation

Stene Aviation fiberglass replacement parts are five times stronger than the original plastic parts offered by Cessna. They are exact replacements of the originals and come primed and ready for paint. The product line includes Cessna wing tips, strut cuffs, fin caps, rudder caps/bottoms, stabilizer tips, wheel pants, and much more.



Wing Tips

- Available in plastic and fiberglass
- Conical wing tips accommodate both a strobe and nav light
- Symmetrical wing tips accommodate a strobe light



Cowl Fairings

Available in fiberglass



Air Scoop

Lower Cowl Nose Cap

Lower Cowl Lip

Upper Cowl Nose Cap

Main Wheel Fairings (Wheel Pants)

Easy tire valve access!

- Available in fiberglass
- Knots 2U main wheel fairings feature an access door to easily check tire pressure.
- Stene Aviation main wheel fairings feature a removable plastic plug to easily check tire pressure



Nose Wheel Fairings (Wheel Pants)

Easy tire valve access!

- Available in ABS plastic and fiberglass
- Knots 2U nose gear fairings feature an access door to easily check tire pressure.
- Stene Aviation and Texas Aeroplastics nose gear fairings feature a removable plastic plug to easily check tire pressure.



Interior Parts

Restore your interior to new!

Available in fire rated ABS plastic with a haircell finish

Door Panels

- Double laminated
- Updated styling
- Some feature a black plastic exterior armrest cap



Baggage Compartment Panel



Center Console

1/4" plastic base to prevent breakage at the fastener locations



Seatback Panel

Includes map pocket!



Shoulder Harness Tray

Double laminated for strength



Post Covers



Main Landing Gear Fairings

Split for easy installation. Available in plastic from Texas Aeroplastics...



...and in fiberglass from Stene Aviation



Strut Fairings

Strut to Wing and Strut to Fuselage fairings

Plastic un-split (FAA-PMA) fairings by Texas Aeroplastics.

Fiberglass split fairings (FAA-PMA/STC) for easy installation, and un-split (FAA-PMA) by Stene Aviation.

Plastic PRO Split fairings (FAA-PMA) for easy installation by Knots 2U.



Lower Rear Wing Fairings

Available in fiberglass



Tailwheel Steering Cable Fairings

Available in fiberglass



Tailcone Fairings

Available in plastic and fiberglass



Vertical Fin Caps

Available in plastic and fiberglass no flashing beacon



2-1/4" Beacon Base



3-1/2" Beacon Base



Rudder Caps

Available in plastic and fiberglass.

Rudder Top Caps



Rudder Butts



Brake Cover Fairings

Split for easy installation.

Available in plastic from Texas Aeroplastics...

...and in fiberglass from Stene Aviation



Dorsal Fin Tips

Available in plastic and fiberglass.

Forward Dorsal Fin Tips

Small triangle at the front of the dorsal fin



Aft Dorsal Fin Tips

Dorsal fin transition into the vertical fin



Elevator Tips

Available in plastic and fiberglass



Fuel Strainer Cover

Available in fiberglass



Trailing Edge Wing Root Fairing

Available in fiberglass



Horizontal Stabilizer Tips

Available in plastic and fiberglass





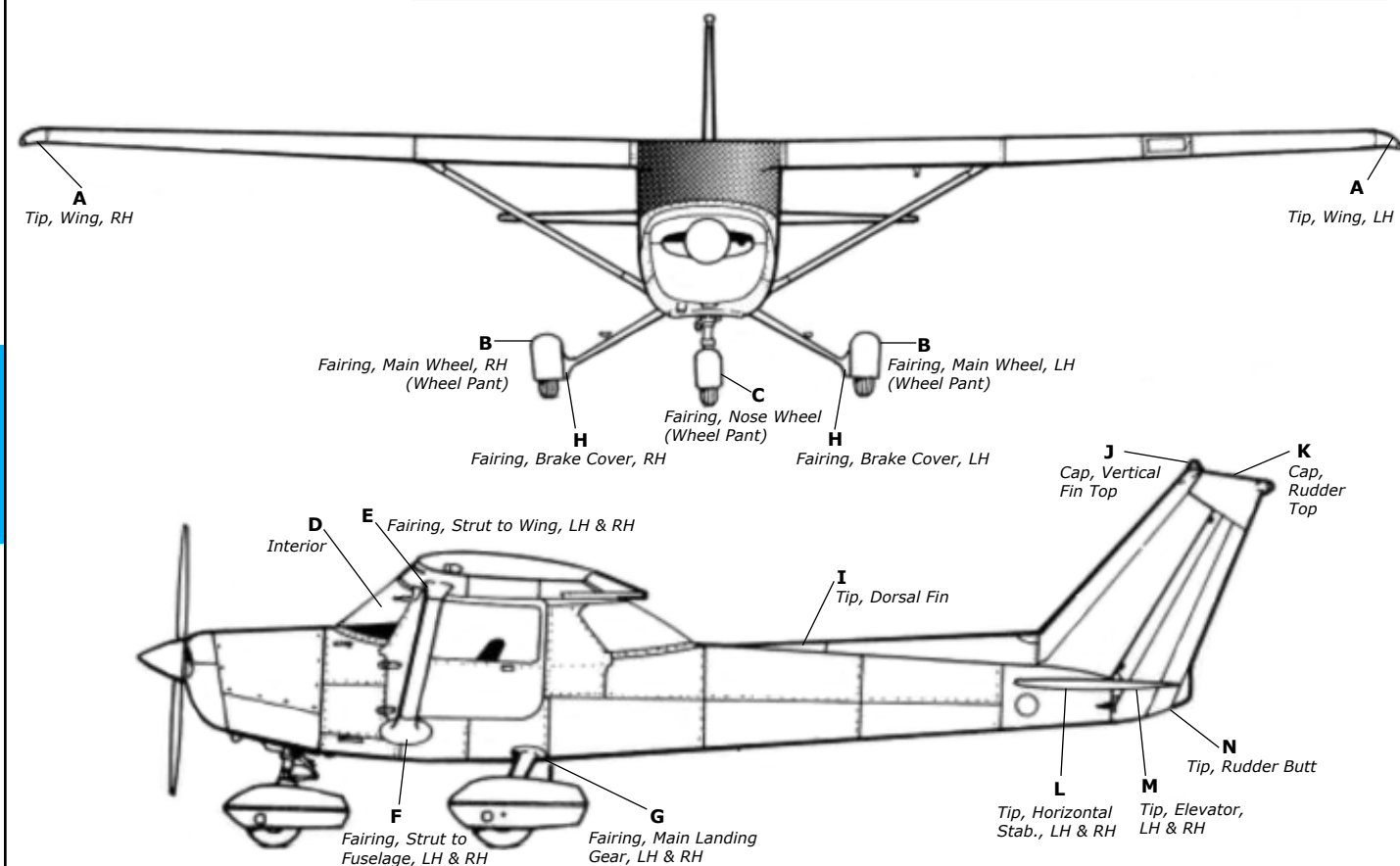
Cessna 150-152 Series Aircraft

Improve the appearance and performance of your aircraft!

Wing tips, strut and landing gear fairings, tail surface fairings, and interior parts for Cessna 150-152 series aircraft available in plastic and fiberglass.

SAVE!!

Eligibility tables for Cessna 150-152 aircraft with item descriptions, index reference and part numbers can be found on the following pages.
Go to www.mcfarlaneaviation.com for more details about specific part numbers.



Kits for 150-152 aircraft

Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
26-02-80A	Door Panel Kit	66-150LD	Panel, Door LH
		66-150RD	Panel, Door RH
26-03D-80A	Door Panel Kit	67-82-150LD	Panel, Door LH
		67-82-150RD	Panel, Door RH
26-04-80A	Strut Fairing Kit, Plastic	150-LFS	Fairing, Strut to Fuselage, LH
		150-RFS	Fairing, Strut to Fuselage, RH
		150-LWS	Fairing, Strut to Wing, LH
		150-RWS	Fairing, Strut to Wing, RH
26-05-80A	Landing Gear Fairing Kit Flat Gear Only	FS-150-LG	Fairing, Main Landing Gear, LH
		FS-150-RG	Fairing, Main Landing Gear, RH
26-06-80A	Landing Gear Fairing Kit Tube Gear Only	26-06L	Fairing, Main Landing Gear, LH
		26-06R	Fairing, Main Landing Gear, RH
26-07-80A	Brake Cover Fairing Kit	26-07-LBC	Fairing, Brake Cover, LH
		26-07-RBC	Fairing, Brake Cover, RH
26-13-80A	Post Cover Kit	26-13L	Cover, Post, LH
		26-13R	Cover, Post, RH
KPS04	Split Strut Fairing Kit, Plastic	K0421002-1	Fairing, Strut to Fuselage, LH
		K0421002-2	Fairing, Strut to Fuselage, RH
		K0522150-3	Fairing, Strut to Wing, LH
		K0522150-4	Fairing, Strut to Wing, RH
SA-0421002-1234 SP	Split Strut Fairing Kit, Fiberglass	SA-0421002-1SP	Fairing, Strut to Fuselage, LH
		SA-0421002-2SP	Fairing, Strut to Fuselage, RH
		SA-0522150-3SP	Fairing, Strut to Wing, LH
		SA-0522150-4SP	Fairing, Strut to Wing, RH



Cessna 150-152 Series Aircraft

150, 150A,B,C,D,E S/N 17001 thru 15061532			Continued from previous column			Continued from previous column		
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number
Fairing, Main Lndg Gear LH	G	FS-150-LG	Tip, Rudder Butt	N	26-11	Tip, Rudder Butt	N	26-11
Fairing, Main Lndg Gear RH	G	FS-150-RG			GF0431005-1-791			GF0431005-1-791
Fairing, Strut to Fuslg LH	F	SA-0421002-1SP			SA-0431005-1			SA-0431005-1
Fairing, Strut to Fuslg RH	F	SA-0421002-2SP	Tip, Wing, Conical, LH	A	20-51L-80A	Tip, Wing, Conical, LH	A	20-51L-80A
Fairing, Strut to Wing, LH	E	SA-0522150-3SP			SA-0523565-29			GF0523565-29791
Fairing, Strut to Wing, RH	E	SA-0522150-4SP	Tip, Wing, Conical, RH	A	20-51R-80A			SA-0523565-29
Rudder Bottom	N	K0430004-1-791			SA-0523565-30	Tip, Wing, Conical, RH	A	20-51R-80A
		SA-0430004-1	Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A			GF0523565-30791
		GF0430004-2-791			SA-0423008-3			SA-0523565-30
Rudder Top	K	SA-0430004-2	1 S/N 15061533 thru 15064532 only 2 S/N 15064533 and on 3 S/N 15067199 and on 4 S/N 15071129 and on 5 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N. 6 This is an ABS plastic part, split for easy installation. 7 S/N 15069309 and on			Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A
		SA-0430004-8						SA-0423008-3
Tip, Dorsal Fin, Vertical	I	GF0430004-00				Tray, Shoulder Harness	D	20-14
		GF0430004-7-791						
		SA-0430004-4	150L,M S/N 15072004 thru 15079405			1 S/N 15072004 thru 15074850 only 2 S/N 15072004 thru 15075781 only 3 S/N 15074851 and on 4 S/N 15074851 thru 15077005 only 5 S/N 15075782 and on 6 S/N 15075782 thru 15077005 only 7 Not for aircraft with heavy duty nose gear 8 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N. 9 This is an ABS plastic part, split for easy installation.		
Tip, Elevator, LH or RH	M	26-09						
		GF0430004-10791						
		GF0430004-5-791				A150K,L,M S/N A1500001 thru A1500734		
Tip, Horiz., Stab., LH or RH	L	SA-0430004-10				Description Idx Part Number		
		SA-0430004-5	Cap, Rudder Top	K	26-15-80A			26-0431013-1-80A
Tip, Horiz., Stab., LH or RH	L	GF0430004-11791			GF0430011-2	Cap, Rudder Top	K	26-15-80A
		SA-0430004-11	Cap, Vertical Fin Top	J	SA-0430011-2			GF0430011-2
Tip, Vertical & Horizontal Stab	J	GF0430004-6-791	No Beacon Base	J	SA-0431013-1			SA-0430011-2
Tip, Vertical, No Beacon	J	SA-0430004-6			K0431013-3-791			SA-0431013-1
Tip, Wing, Conical, LH	A	SA-0523565-29	Cap, Vertical Fin Top	J	SA-0431013-3			K0431013-3-791
Tip, Wing, Conical, RH	A	SA-0523565-30	2 1/4" Beacon Base	J	26-0431017-1-80A	Cap, Rudder Top	K	26-12
Tip, Wing, Std., LH or RH	A	K0723615-200			26-12			GF0430011-1
		SA-0723615-200	Cap, Vertical Fin Top	J	GF0430011-1	Cap, Vertical Fin Top	J	GF0430011-1
			2 1/4" Beacon Base	J	SA-0430011-1	No Beacon Base	J	SA-0430011-1
					SA-0431017-1			SA-0431017-1
1 S/N 17001 thru 15060087 only 2 S/N 17001 thru 15059350 only 3 S/N 15060088 and on 4 FAA-PMA/STC approved split fairing for easy installation and removal.			Center Console	D	26-23	Fairing, Brake Cover, LH	H	SA-0441227-1
			Cover, Post, LH	D	26-13L	Fairing, Brake Cover, RH	H	SA-0441227-2
			Cover, Post, RH	D	26-13R	Fairing, Main Landing Gear, LH	G	26-06L
						Fairing, Main Landing Gear, RH	G	SA-0441217-15
150F,G,H,J,K S/N 15061533 thru 15072003			Fairing, Brake Cover, LH	H	26-07-LBC	Fairing, Main Landing Gear, LH	G	26-06R
Description Idx Part Number					SA-0441227-1	Fairing, Main Landing Gear, RH	G	SA-0441217-14
Cap, Rudder Top	K	26-0431013-1-80A	Fairing, Brake Cover, RH	H	26-07-RBC	Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01
		SA-0431013-1			SA-0441227-2	Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-203
Cap, Vertical Fin Top	J	K0431013-3-791	Fairing, Main Landing Gear, LH	G	26-06L			SA-0541203-1
Cap, Vertical Fin Top	J	SA-0431013-3	Fairing, Main Landing Gear, RH	G	SA-0441217-15	Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0541223-17
Cap, Vertical Fin Top	J	26-0431017-1-80A						GF0541223-02
2 1/4" Beacon Base	J	SA-0431017-1	Fairing, Main Wheel, LH (Wheel Pant)	B	26-06R	Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202
Fairing, Main Lndg Gear LH	G	FS-150-LG	Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0441217-14			SA-0541203-2
Fairing, Main Lndg Gear RH	G	FS-150-RG				Fairing, Nose Wheel (Wheel Pant)	C	SA-0541223-16
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203	Fairing, Nose Wheel (Wheel Pant)	C	20-40N-80A			20-40N-80A
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202			GF0543079-00	Fairing, Strut to Fuslg, LH	F	SA-0421002-3
Fairing, Nose Wheel (Wheel Pant)	C	K0743625-14	Fairing, Strut to Fuslg, LH	F	SA-0543065-1	Fairing, Strut to Fuslg, RH	F	SA-0421002-4
			Fairing, Strut to Fuslg, RH	F	SA-0543079-3	Fairing, Strut to Wing, LH	E	SA-0522150-7
Fairing, Strut to Fuselage, LH	F	150-LFS			150-LFS	Fairing, Strut to Wing, RH	E	SA-0522150-6
		K0421002-1	Fairing, Strut to Fuselage, LH	F	K0421002-1			26-09
		SA-0421002-1	Fairing, Strut to Fuselage, RH	F	SA-0421002-1	Tip, Elevator, LH or RH	M	GF0430004-10791
Fairing, Strut to Fuselage, RH	F	150-RFS						SA-0430004-10
		K0421002-2	Fairing, Strut to Wing, LH	E	150-LWS	Tip, Horizontal Stab., LH or RH	L	26-08
		SA-0421002-2	Fairing, Strut to Wing, RH	E	K0522150-3			GF0430004-11791
Fairing, Strut to Wing, LH	E	K0522150-3			SA-0522150-3	Tip, Rudder Butt	N	26-11
		SA-0522150-3	Fairing, Strut to Wing, RH	E	150-RWS			GF0431005-1-791
Fairing, Strut to Wing, RH	E	K0522150-4				Tip, Wing, Conical Camber, LH	A	20-51L-80A
		SA-0522150-4	Panel, Baggage Cmpt	D	26-26			GF0523565-29791
Panel, Baggage Cmpt	D	26-26	Panel, Door, LH	D	67-82-150LD	Tip, Wing, Conical Camber, RH	A	SA-0523565-29
Panel, Door, LH	D	66-150LD	Panel, Door, RH	D	67-82-150RD			20-51R-80A
Panel, Door, RH	D	66-150RD	Panel, Interior Seatback	D	26-19			GF0523565-30791
		67-82-150RD	Tip, Dorsal Fin	I	26-10			SA-0523565-30
Tip, Dorsal Fin	I	SA-0431024-1			SA-0431024-1	Tip, Wing, Sym., LH or RH	A	26-0423008-3-80A
		26-09	Tip, Elevator, LH or RH	M	26-09			SA-0423008-3
Tip, Elevator, LH or RH	M	GF0430004-10791						
		SA-0430004-10	Tip, Horizontal Stab., LH or RH	L	26-08			
		26-08			GF0430004-11791			
Tip, Horizontal Stab., LH or RH	L	GF0430004-11791			SA-0430004-11			
		SA-0430004-11						
Eligibility continues in the next column			Eligibility continues in the next column			Eligibility continues on the next page		

K Fiberglass Parts Manufactured By Knots 2U

S Fiberglass Parts Manufactured By Stene Aviation

T ABS Plastic Parts Manufactured By Texas Aeroplastics

Go to www.mcfarlaneaviation.com for more details about specific part numbers.

Cessna 150-152 Series Aircraft

Continued from previous page

- 1 S/N A1500001 thru A1500523 only
- 2 S/N A1500227 thru A1500429 only
- 3 S/N A1500227 and on
- 4 S/N A1500430 thru A1500523 only
- 5 S/N A1500430 and on
- 6 S/N A1500524 and on
- 7 S/N A1500001 thru A1500226

F150G,H,J,K,L,M, FA150K,L,M, FRA150L,M
S/N F150-0001 thru F15001428,
FA1500001 thru FA1500336,
FRA1500121 thru FRA1500261

Description	Idx	Part Number
Cap, Rudder Top	K	26-15-80A 9 T GF0430011-2 8 K
Cap, Vertical Fin Top No Beacon Base	J	K0431013-3-791 1 K
Fairing, Main Lndg Gear LH	G	26-06L 6 T
Fairing, Main Lndg Gear RH	G	26-06R 6 T
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 7 K K0741046-203 12 K
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 7 K K0741046-202 12 K
Fairing, Nose Wheel, Wheel Pant	C	20-40N-80A 6 T GF0543079-00 7 K K0743625-14 11 K
Fairing, Strut to Fuselage, LH	F	150-LFS 1 T K0421002-1 3 10 K
Fairing, Strut to Fuselage, RH	F	150-RFS 1 T K0421002-2 3 10 K
Fairing, Strut to Wing, LH	E	150-LWS 1 T K0522150-3 3 10 K
Fairing, Strut to Wing, RH	E	150-RWS 1 T K0522150-4 3 10 K
Tip, Elevator, LH or RH	M	26-09 1 T GF0430004-10791 2 K 26-11 4 T GF0431005-1-791 2 K
Tip, Rudder Butt	N	26-08 1 T GF0430004-11791 2 K GF0523565-29791 K
Tip, Horizontal Stab., LH or RH	L	26-08 1 T GF0430004-11791 2 K
Tip, Wing, Con. Camber LH	A	GF0523565-29791 K
Tip, Wing, Con. Camber RH	A	GF0523565-30791 K
Tip, Wing, LH	A	20-51L-80A 5 T
Tip, Wing, RH	A	20-51R-80A 5 T
Tip, Wing, Symmetrical	A	26-0423008-3-80A 1 T
Tray, Shoulder Harness	D	20-14 7 T

- 1 S/N F150-0001 thru F15000523, and
S/N FA1500001 thru FA1500261 only
- 2 S/N F150-0001 thru F15001428, and
S/N FA1500001 thru FA1500336 only
- 3 S/N F150-0220 thru F15001428 only
- 4 S/N F15000530 thru F15001428 only
- 5 S/N F15000530 thru F15001428, and
S/N FA1500001 thru FA1500336 only
- 6 S/N F15000659 thru F15001428, and
S/N FA1500082 thru FRA1500336 only
- 7 S/N F15001014 thru F15001428 only
- 8 S/N F15001144 thru F15001428, and
S/N FA1500262 thru FA1500336 only
- 9 S/N F15001144 thru F15001428, and
S/N FA1500262 thru FA1500336, and
S/N FRA1500262 thru FRA1500336 only
- 10 This is an ABS plastic part, split for easy installation.
- 11 S/N F150-0390 thru F15000658 and
S/N FA1500001 thru FA1500081 only
- 12 S/N F15000530 thru F15000658 and
S/N FA1500001 thru FA1500081 only

152, A152, F152, FA152

S/N 15279406 thru 15286033,
A1520735 thru A1521049,
F15201429 thru F15201980,
FA1520337 thru FA1520425

Description	Idx	Part Number
Cap, Rudder Top	K	26-15-80A 1 T GF0430011-2 7 K SA-0430011-2 S
Cap, Vertical Fin Top 2 1/4" Beacon Base	J	26-12 2 T GF0430011-1 2 K SA-0430011-1 S
Center Console	D	26-23 6 T
Cover, Post, LH	D	26-13L 1 T
Cover, Post, RH	D	26-13R 1 T
Fairing, Brake Cover, LH	H	26-07-LBC 1 T SA-0441227-1 S
Fairing, Brake Cover, RH	H	26-07-RBC 1 T SA-0441227-2 S
Fairing, Main Landing Gear LH	G	26-06L 1 T SA-0441217-15 S
Fairing, Main Landing Gear RH	G	26-06R 1 T SA-0441217-14 S
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01 K SA-0541223-17 S
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02 K SA-0541223-16 S
Fairing, Nose Wheel (Wheel Pant)	C	20-40N-80A 1 T GF0543079-00 K SA-0543079-3 S
Fairing, Strut to Fuselage, LH	F	150-LFS 5 T K0421002-1 1 10 K SA-0421002-1 9 1 S SA-0421002-3 8 S
Fairing, Strut to Fuselage, RH	F	150-RFS 5 T K0421002-2 1 10 K SA-0421002-2 9 1 S SA-0421002-4 8 S
Fairing, Strut to Wing, LH	E	150-LWS 5 T K0522150-3 4 10 K SA-0522150-3 9 1 S SA-0522150-7 8 S
Fairing, Strut to Wing, RH	E	150-RWS 5 T K0522150-4 4 10 K SA-0522150-4 9 1 S SA-0522150-6 8 S
Panel, Interior Seatback	D	26-19 1 T
Tip, Dorsal Fin	I	26-10 1 T SA-0431024-1 1 S
Tip, Elevator, LH or RH	M	26-09 1 T GF0430004-10791 K SA-0430004-10 1 S
Tip, Horizontal Stab., LH or RH	L	26-08 1 T GF0430004-11791 K SA-0430004-11 2 S
Tip, Rudder Butt	N	26-11 3 T GF0431005-1-791 K SA-0431005-1 8 S
Tip, Wing, Conical, LH	A	20-51L-80A 1 T GF0523565-29791 K SA-0523565-29 S
Tip, Wing, Conical, RH	A	20-51R-80A 1 T GF0523565-30791 K SA-0523565-30 S
Tip, Wing, Symmetrical	A	26-0423008-3-80A 1 T
Tray, Shoulder Harness	D	20-14 2 T

- 1 Model 152 only
- 2 Models 152, A152 only
- 3 Models 152, A152, F152 only
- 4 Models 152 and F152 only
- 5 Models 152, F152, FA152 only
- 6 S/N 15279406 thru 15285594 only
- 7 S/N 15279406 thru 15286033, and
S/N F15201429 thru F15201952, and
S/N FA1520337 thru FA1520387 only
- 8 S/N A1520735 thru A1521049 only
- 9 Also available as a FAA-PMA/STC approved split fairing
for easy installation and removal; add an "SP" suffix to
the P/N.
- 10 This is an ABS plastic part, split for easy installation.

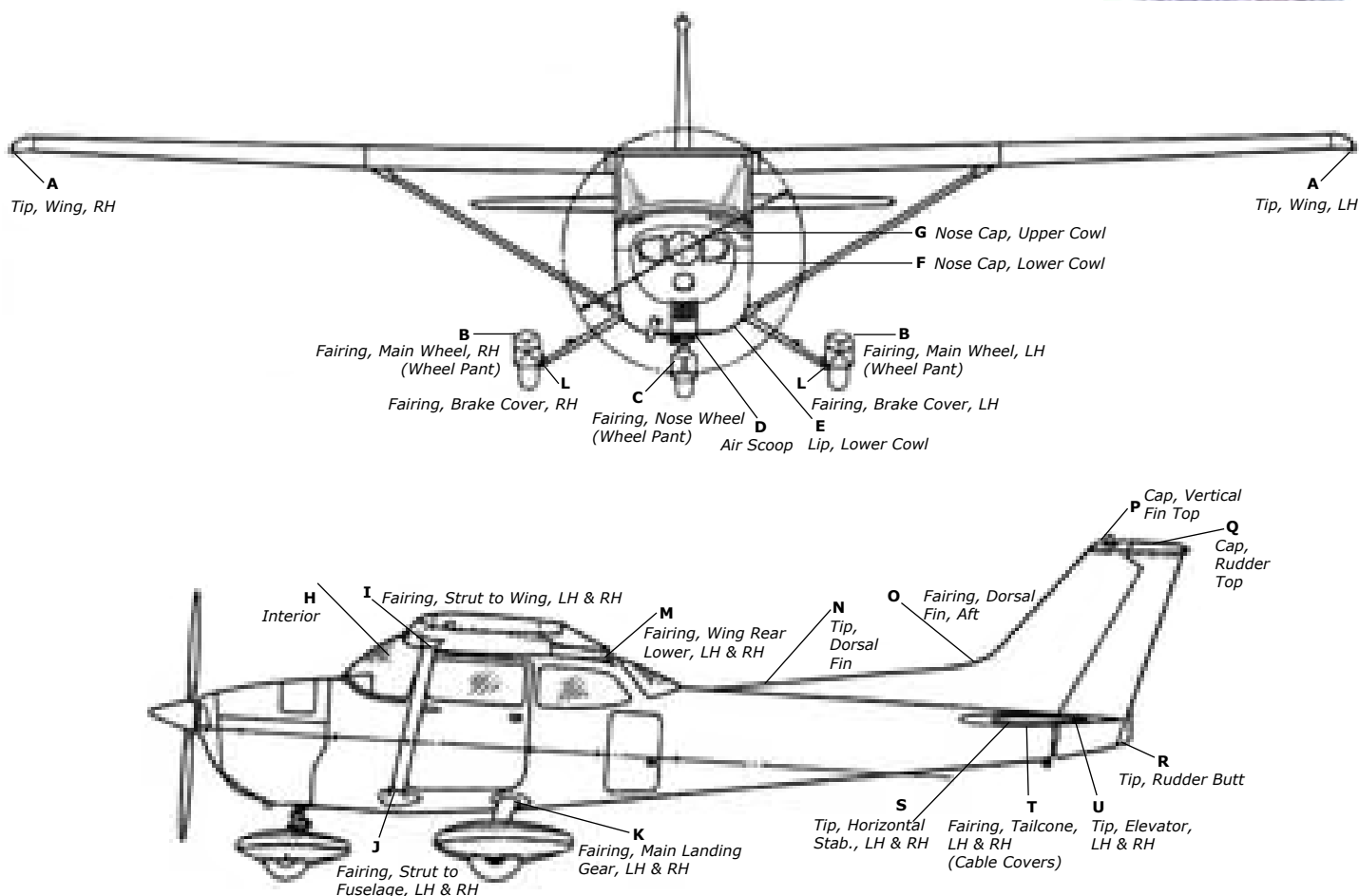
Cessna 170, 172, 175 and 177 Series Aircraft

SAVE!!

Improve the appearance and performance of your aircraft!

Strut and landing gear fairings, tail surface fairings, wing tips, interior parts, and cowlings fairings for Cessna 170-177 series aircraft available in ABS plastic and fiberglass.

Eligibility tables for Cessna 170, 172, 175 and 177 aircraft with item descriptions, index reference and part numbers can be found on the following pages.



Go to www.mcfarlaneaviation.com for more details about specific part numbers.

To Order Call Goulet Aircraft Supply Ltd. @ 1-204-783-8512

Cessna 170, 172, 175 and 177 Series Aircraft

170, 170A,B

S/N 18000 thru 27169

Description

Idx

Part Number

Air Scoop

D

GF0552001-16

3K

Fairing, Strut To Fuslg LH

J

SA-0522150-1SP

2S

Fairing, Strut To Fuslg RH

J

SA-0522150-2SP

2S

Lip, Lower Cowl

E

GF55200-00

4K

Nose Cap, Lower Cowl

F

GF0552002-51

5K

Nose Cap, Upper Cowl

G

GF0595000-3

5K

Panel, Door, LH

H

27-32-03L

1T

30-0715064-380A

1T

Panel, Door, RH

H

27-32-03R

1T

30-0715064-480A

1T

Tip, Wing, Conical, LH

A

SA-0523565-29

2S

Tip, Wing, Conical, RH

A

SA-0523565-30

2S

Tip, Wing, LH or RH

A

SA-0723615-200

S

1 S/N 18000 thru 19199 only

2 S/N 18730 and on

3 S/N 19200 and on

4 S/N 20267 and on

5 S/N 25373 and on

6 FAA-PMA/STC approved split fairing for easy installation and removal.

172, 172A,B,C,D,E,F,G,H,I

S/N 28000 thru 17257161

Description

Idx

Part Number

Air Scoop

D

GF0552001-16

2K

Cap, Rudder Top

Q

K0531006-34

11K

SA-0531006-34

7S

Cap, Vertical Fin

P

2805310063380A

7T

SA-0531006-33

7S

SA-0531001-36

2S

Cap, Vertical Fin

P

28-0531109-180A

14S

SA-0531009-1

14S

Cap, Vertical Fin

P

3 1/2" Beacon Base

SA-0531004-3

2S

Console, Center

H

without Rudder Trim

28-0500233-80A

12T

Console, Center

H

with Rudder Trim

280500233RT80A

12T

Fairing, Main Wheel, LH

B

(Wheel Pant)

K0741046-203

14K

Fairing, Main Wheel, RH

B

(Wheel Pant)

K0741046-202

14K

Fairing, Strut To Fuslg LH

J

28-07-LFS

T

K0522150-1

6K

SA-0522150-1

13S

Fairing, Strut To Fuslg RH

J

28-07-RFS

T

K0522150-2

6K

SA-0522150-2

13S

Fairing, Strut To Wing, LH

I

28-06-LWS

6T

K0522150-3

6K

SA-0522150-3

13S

Fairing, Strut To Wing, RH

I

28-06-RWS

6T

K0522150-4

6K

SA-0522150-4

13S

Fairing Wing Rear Low. LH

M

GF0520006-01

11K

Fairing Wing Rear Low. RH

M

GF0520006-02

11K

Fairing, Tailcone

T

(Cable Covers) LH or RH

28-18

11T

SA-0530011-2

11S

Lip, Lower Cowl

E

GF55200-00

3K

Nose Cap, Lower Cowl

F

GF0552002-51

1K

Nose Cap, Upper Cowl

G

GF0595000-3

1K

Panel, Door, LH

H

27-32-03L

T

30-0715064-380A

T

Panel, Door, RH

H

27-32-03R

T

30-0715064-480A

T

Tip, Dorsal Fin

N

28-15

13T

28-09-L

11T

Tip, Elevator, LH

U

GF0532001-94

11K

SA-0532001-94

11S

Tip, Elevator, RH

U

28-09-R

11T

GF0532001-100

11K

SA-0532001-100

11S

Tip, Elevator, LH or RH

U

K0532001-62

9K

SA-0532001-62

9S

Tip, Rudder Butt

R

28-21-80A

7T

K0531006-35

7K

SA-0531104

2S

SA-0531006-35

7S

Eligibility continues in next column

Continued from previous column

Description

Idx

Part Number

Tip, Horiz Stab., LH or RH

S

K0532001-61

10K

SA-0532001-61

10S

28-10

11T

GF0532001-00

11K

SA-0532001-93

11S

Tip, Wing, Conical, LH

A

SA-0523565-29

S

Tip, Wing, Conical, RH

A

SA-0523565-30

S

Tip, Wing, Sym., LH or RH

A

K0723615-200

9K

SA-0723615-200

S

1 S/N 28000 thru 36965 only

2 S/N 28000 thru 46754 only

3 S/N 28000 thru 47746 only

4 S/N 28000 thru 17248734 only

5 S/N 28000 thru 17258486 only

6 S/N 46518 and on

7 S/N 46755 and on

8 S/N 17247747 thru 17248734 only

9 S/N 17247747 thru 17249085 only

10 S/N 17247747 thru 17249544 only

11 S/N 17249545 and on

12 S/N 17250573 and on

13 S/N 17254425 and on

14 S/N 17254893 and on

15 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.

172K,L,M

S/N 17257162 thru 17267584

Description

Idx

Part Number

Cap, Rudder Top

Q

28-19-80A

T

28-04-80A

10T

K0533009-1-791

4K

K0531006-112

14K

SA-0533009-1

4S

SA-0531006-112

14S

Cap, Vertical Fin

P

28-24-80A

T

28-02

12T

GF0531033-1

14K

SA-0531003-1

14S

SA-0531013-1

9S

Console, Center

H

(without Rudder Trim)

28-0500233-80A

T

Console, Center

H

(with Rudder Trim)

280500233RT80A

T

Fairing, Brake Cover, LH

L

28-08-LBC

11T

SA-0541224-1

10S

Fairing, Brake Cover, RH

L

28-08-RBC

11T

SA-0541224-2

10S

Fairing, Dorsal Fin, Aft

O

28-17

21T

K0531012-2

9K

SA-0531012-2

8S

Fairing, Landing Gear, LH

K

28-05-LGF

8T

SA-1741005-239

8S

Fairing, Landing Gear, RH

K

28-05-RGF

8T

SA-1741005-240

8S

Fairing, Main Wheel, LH

B

(Wheel Pant)

GF0541223-01

11K

K0741046-203

11K

SA-0541203-1

6S

SA-0541223-17

11S

Fairing, Main Wheel, RH

B

(Wheel Pant)

GF0541223-02

11K

K0741046-202

11K

SA-0541203-2

6S

SA-0541223-16

11S

Fairing, Nose Wheel

C

20-40N-80A

10T

GF0543079-00

11K

SA-0543065-1

7S

SA-0543079-3

12S

Fairing, Strut To Fuslg, LH

J

28-07-LFS

T

K0522150-1

K

SA-0522150-1

13S

Fairing, Strut To Fuslg, RH

J

28-07-RFS

T

K0522150-2

K

SA-0522150-2

13S

Fairing, Strut To Wing, LH

I

28-06-LWS

3T

28-07-LWS

10T

K0522150-3

3K

SA-0522150-3

313S

SA-0523047-1

1013S

Eligibility continues in next column

Continued from previous column

Description

Idx

Part Number

Fairing, Strut To Wing, RH

I

28-06-RWS

3T

28-07-RWS

10T

K0522150-4

3K

SA-0522150-4

313S

SA-0523047-2

1013S

Fairing, Tailcone

T

(Cable Covers) LH or RH

28-18

T

SA-0530011-2

T

Fairing Wing Rear Low. LH

M

GF0520006-01

K

Fairing Wing Rear Low. RH

M

GF0520006-02

K

Panel, Door, LH

H

27-32-03L

T

30-0715064-380A

T

Panel, Door, RH

H

27-32-03R

T

30-0715064-480A

T

Tip, Dorsal Fin

N

28-15

2T

28-16

9T

SA-0531020-1

8S

Tip, Elevator, LH

U

28-09-L

T

GF0532001-94

K

SA-0532001-94

T

Tip, Elevator, RH

U

28-09-R

T

GF0532001-100

K

SA-0532001-100

T

Tip, Rudder Butt

R

28-12

T

GF053100680791

K

SA-0531006-80

S

Eligibility continues in next column

1 K

Fiberglass Parts Manufactured By Knots 2U

5

Fiberglass Parts Manufactured By Stene Aviation

1

ABS Plastic Parts Manufactured By Texas Aeroplastics

Cessna 170, 172, 175 and 177 Series Aircraft

172N,P,Q,R,S S/N 17267585 thru 172S9999				Continued from previous column				Continued from previous column			
Description	Idx	Part Number		Description	Idx	Part Number		Description	Idx	Part Number	
Arm Rest Support	H	28-01	6 T	1 S/N 17267585 thru 17274009 only				1 S/N 172RG0001 thru 172RG1178 only			
Cap, Rudder Top	Q	28-04-80A	4 T	2 S/N 17267585 thru 17275953 only				2 S/N 172RG1179 and on			
		K0533155-2	10 K	3 S/N 17267585 thru 17276260 only				3 Model 172RG only			
		K0531006-112	2 K	4 S/N 17267585 thru 17276654 only				4 Model FR172K only			
		SA-0531006-112	4 S	5 S/N 17267585 and on				5 Model R172K only			
		SA-0533155-2	10 S	6 S/N 17274010 thru 17275759 only				6 Model P172D only			
Cap, Vertical Fin 2 ¼" Beacon Base	P	28-02	1 T	7 S/N 17274010 thru 17276654 only				7 Models 172RG and R172K only			
		GF0531033-1	1 K	8 S/N 17275035 and on				8 Models 172RG and FR172K only			
		SA-0531003-1	110 S	9 S/N 17275954 and on				9 Models 172RG, R172K and P172D only			
		SA-0531033-6	7 S	10 S/N 17280001 and on				10 Models 172RG, FR172K and R172K only			
Console, Center (without Rudder Trim)	H	28-0500233-80A	4 T	11 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.				11 Models FP172 and P172D only			
Console, Center (with Rudder Trim)	H	280500233RT80A	4 T	172RG, FP172, FR172E, FR172K, P172D, R172K S/N 172RG0001 thru 172RG1191				12 Models FR172K and R172K only			
Cover, Post, LH	H	28-13L	8 T	S/N FP172-0001 thru FP172-0003				13 Models 172RG, FP172, R172K and P172D only			
Cover, Post, RH	H	28-12R	8 T	S/N FR172-0001 thru FR172-0060				14 Models P172D, FP172, FR172E only			
Fairing, Brake Cover, LH	L	28-08-LBC	1 T	S/N FR17200591 thru FR17200675				15 Models R172K and 172RG S/N 172RG0001 thru 172RG1134			
		SA-0541224-1	5 S	S/N P17257120 thru P17257188				16 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.			
Fairing, Brake Cover, RH	L	28-08-RBC	1 T	S/N R1722000 thru R1723454				F172D, E, F, G, H, K, L, M, N, P S/N F172-0001 thru F17202254			
Fairing, Dorsal Fin, Aft	O	K0531012-2	1 K	Description				Description			
Fairing, Landing Gear, LH	K	28-05-LGF	4 T	Cap, Rudder Top	Q	28-04-80A	3 T	Cap, Rudder Top	Q	28-04-80A	14 T
		SA-1741005-239	4 S			K0531006-34	15 K			28-05310063480A	11 T
Fairing, Landing Gear, RH	K	28-05-RGF	4 T	Cap, Vertical Fin All with 2 ¼" Beacon Base	P	K0531006-112	16 K	Cap, Vertical Fin No Beacon Base	P	28-19-80A	10 T
		SA-1741005-240	4 S			SA-0531006-112	7 S			K0531006-34	11 K
Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01	1 K	Fairing, Brake Cover, RH	L	SA-0541224-1	5 S	Fairing, Main Wheel, LH (Wheel Pant)	B	K0531006-112	14 K
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02	1 K	Fairing, Dorsal Fin, Aft	O	SA-0541224-2	5 S	Fairing, Main Wheel, RH (Wheel Pant)	B	28-17	10 T
Fairing, Nose Wheel	C	20-40N-80A	1 T	Fairing, Dorsal Fin, Aft	O	K0531012-2	7 K	Fairing, Landing Gear, LH	K	GF0541223-01	13 K
		GF0543079-00	1 K	Fairing, Dorsal Fin, Aft	O	SA-0531012-2	7 S	Fairing, Landing Gear, RH	K	GF0541223-02	13 K
Fairing, Strut To Fuslg, LH	J	K0522150-1	1 K	Fairing, Landing Gear, LH	K	SA-0541223-17	5 S	Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203	16 K
Fairing, Strut To Fuslg, RH	J	SA-0522150-1	11 S	Fairing, Landing Gear, RH	K	GF0541223-16	5 S	Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202	16 K
Fairing, Strut To Wing, LH	I	28-07-LWS	1 T	Fairing, Main Wheel, LH (Wheel Pant)	B	20-40N-80A	1 T	Fairing, Nose Wheel	C	20-40N-80A	13 T
Fairing, Strut To Wing, RH	I	SA-0523047-1	11 S	Fairing, Main Wheel, RH (Wheel Pant)	B	GF0543079-00	5 K	Fairing Wing Rear Low. LH	M	GF0543079-00	13 K
Fairing, Tailcone (Cable Covers) LH or RH	T	28-18	5 T	Fairing, Nose Wheel	C	SA-0543079-3	5 S	Fairing Wing Rear Low. RH	M	K0522150-1	1 K
Fairing Wing Rear Low. LH	M	GF0520006-01	4 K	Fairing, Strut To Fuslg, LH	J	K0522150-1	14 K	Fairing, Strut To Wing, LH	I	K0522150-2	1 K
Fairing Wing Rear Low. RH	M	GF0520006-02	4 K	Fairing, Strut To Fuslg, RH	J	SA-0522150-1	9 17 S	Fairing, Strut To Wing, RH	I	K0522150-3	3 K
Tip, Dorsal Fin	N	28-16	3 T	Fairing, Strut To Wing, LH	I	K0522150-2	14 K	Fairing, Strut To Wing, RH	I	K0522150-4	3 K
Tip, Elevator, LH	U	SA-0531020-1	5 S	Fairing, Strut To Wing, RH	I	SA-0522150-2	9 17 S	Fairing, Tailcone (Cable Covers) LH or RH	T	28-18	1 T
Tip, Elevator, RH	U	28-09-L	1 T	Fairing, Strut To Wing, LH	I	K0522150-3	11 K	Panel, Door, LH	H	27-32-03L	4 T
Tip, Rudder Butt	R	28-09-R	1 T	Fairing, Strut To Wing, RH	I	SA-0522150-4	6 S	Panel, Door, RH	H	30-0715064-380A	4 T
		GF0532001-100	1 K	Fairing, Wing, LH	A	20-52L-80A	10 T	Tip, Dorsal Fin	N	30-0715064-480A	4 T
		SA-0532001-100	5 S	Fairing, Wing, RH	A	GF0723200-5	1 15 K	Tip, Elevator, LH	U	28-15	7 T
		28-11	9 T	Fairing, Wing, Sym., LH or RH	A	SA-0723200-5	7 S	Tip, Elevator, RH	U	GF0532001-94	1 K
		28-12	2 T	Tray, Shoulder Harness	H	20-52R-80A	10 T	Tip, Rudder Butt	R	GF0532001-100	1 K
Tip, Horiz. Stab., LH or RH	D	GF0532001-00	9 K	Tip, Rudder Butt	R	GF053100680791	10 K	Tip, Horiz. Stab., LH or RH	S	GF0532001-00	1 K
Tip, Wing, LH	A	20-52L-80A	1 T	Tip, Horiz. Stab., LH or RH	S	K0531006-35	11 K	Tip, Wing, LH	A	20-51L-80A	9 T
Tip, Wing, RH	A	GF0723200-5	5 K	Tip, Wing, LH	A	SA-0531006-80	7 S	Tip, Wing, RH	A	20-52L-80A	13 T
		SA-0723205-1	10 S	Tip, Wing, RH	A	GF0532001-00	12 K	Tip, Wing, Sym., LH or RH	A	20-51R-80A	9 T
Tray, Shoulder Harness	H	20-14	1 T	Tip, Wing, RH	A	SA-0532001-93	7 S	Tip, Wing, Sym., LH or RH	A	20-52R-80A	13 T
Eligibility continues in next column				Tip, Wing, RH	A	20-52R-80A	10 T	Tip, Wing, Sym., LH or RH	A	K0723615-200	2 K
Fiberglass Parts Manufactured By Knots 2U				Tip, Wing, RH	A	GF0723200-6	1 15 K	1 S/N F172-0001 thru F172-0559 only			
Fiberglass Parts Manufactured By Stene Aviation				Tip, Wing, Sym., LH or RH	A	SA-0723200-6	1 15 K	2 S/N F172-0001 thru F172-0654 only			
ABS Plastic Parts Manufactured By Texas Aeroplastics				Tray, Shoulder Harness	H	K0723615-200	11 K	3 S/N F172-0001 thru F17200904 only			
								4 S/N F172-0001 thru F17201514 only			
								5 S/N F172-0019 thru F172-0654 only			
								6 S/N F172-0086 and on			
								7 S/N F172-0160 thru F17201234 only			
								8 S/N F172-0320 thru F172-0559 only			
								9 S/N F172-0320 thru F17200904 only			
								10 S/N F172-0560 thru F17201234 only			
								11 S/N F172-0560 thru F17201384 only			
								12 S/N F172-0560 and on			
								13 S/N F17200905 and on			
								14 S/N F17201385 thru F17202208 only			
								15 S/N F17201385 and on			
								16 S/N F172-0001 thru F17200754 only			

Cessna 170, 172, 175 and 177 Series Aircraft

175, 175A,B,C S/N 55001 thru 17557119				177, 177A,B, 177RG, F177RG S/N 17700001 thru 17702752 S/N 177RG0001 thru 177RG1366 S/N F177RG0001 thru F177RG0177			
Description	Idx	Part Number		Description	Idx	Part Number	
Cap, Rudder Top	Q	SA-0531006-34	5 S	Cap, Rudder Top	Q	K1733009-2	K
Cap, Vertical Fin	P	SA-0531001-36	1 S	Cap, Rudder Top		SA-1733009-2	6 S
No Beacon Base		SA-0531006-33	5 S			SA-1731009-4	6 S
Cap, Vertical Fin	P	SA-0531004-3	1 S			K1731009-4	6 K
3 1/2" Beacon Base						SA-0741634-13	2 S
Fairing, Strut To Fuslg, LH	J	28-07-LFS	3 T	Fairing, Brake, LH	L	SA-1741027-1	4 S
		K0522150-1	3 K			SA-0741634-14	2 S
		SA-0522150-1	6 S	Fairing, Landing Gear, LH	K	SA-1741027-2	4 S
Fairing, Strut To Fuslg, RH	J	28-07-RFS	3 T	Fairing, Landing Gear, RH	K	SA-1741005-43	5 S
		K0522150-2	3 K			SA-1741005-44	5 S
		SA-0522150-2	6 S	Fairing, Main Wheel, LH (Wheel Pant)	B	GF0541223-01	4 K
Fairing, Strut To Wing, LH	I	28-06-LWS	3 T			K0741046-203	5 K
		K0522150-3	3 K			SA-0541203-1	3 S
		SA-0522150-3	6 S	Fairing, Main Wheel, RH (Wheel Pant)	B	GF0541223-02	4 K
Fairing, Strut To Wing, RH	I	28-06-RWS	3 T			K0741046-202	5 K
		K0522150-4	3 K			SA-0541203-2	3 S
		SA-0522150-4	6 S	Fairing, Nose Wheel	C	20-40N-80A	3 T
Panel, Door, LH	H	27-32-03L	T			GF0543079-00	4 K
		30-0715064-380A	T	Tip, Horiz. Stab., LH or RH	S	K0743625-14	5 K
Panel, Door, RH	H	27-32-03R	T			SA-0543065-1	3 S
		30-0715064-480A	T			GF1732024-1-791	K
Tip, Elevator, LH or RH	U	K0532001-62	4 K			SA-1732024-1	6 S
		SA-0532001-62	4 S	Tip, Wing, LH	A	GF1723005-11	8 K
Tip, Rudder Butt	R	28-21-80A	5 T			SA-1723000-201	1 S
		SA-0531104	1 S			SA-1723005-11	7 S
		SA-0531006-35	5 S	Tip, Wing, RH	A	GF1723005-12	8 K
Tip, Horiz. Stab., LH or RH	S	K0532001-61	5 K			SA-1723000-200	1 S
		SA-0532001-61	5 S			SA-1723005-12	7 S
Tip, Wing, Conical, LH	A	SA-0523565-29	S	1 Model 177, 177A S/N 17700001 thru 17701370 only 2 Model 177B, S/N 17701371 thru 17702123 only 3 Model 177B S/N 17701371 and on 4 Model 177B S/N 17702124 and on 5 Model 177, 177A,B only 6 Model 177, 177A,B and 177RG only 7 Model 177B and 177RG only 8 Model 177B, 177RG and F177RG			
Tip, Wing, Conical, RH	A	SA-0523565-30	S				
Tip, Wing, Sym., LH or RH	A	K0723615-200	K				
		SA-0723615-200	S				

K Fiberglass Parts Manufactured By Knots 2U

S Fiberglass Parts Manufactured By Stene Aviation

T ABS Plastic Parts Manufactured By Texas AeroPlastics

Kits available for 170, 172, 175 and 177 aircraft

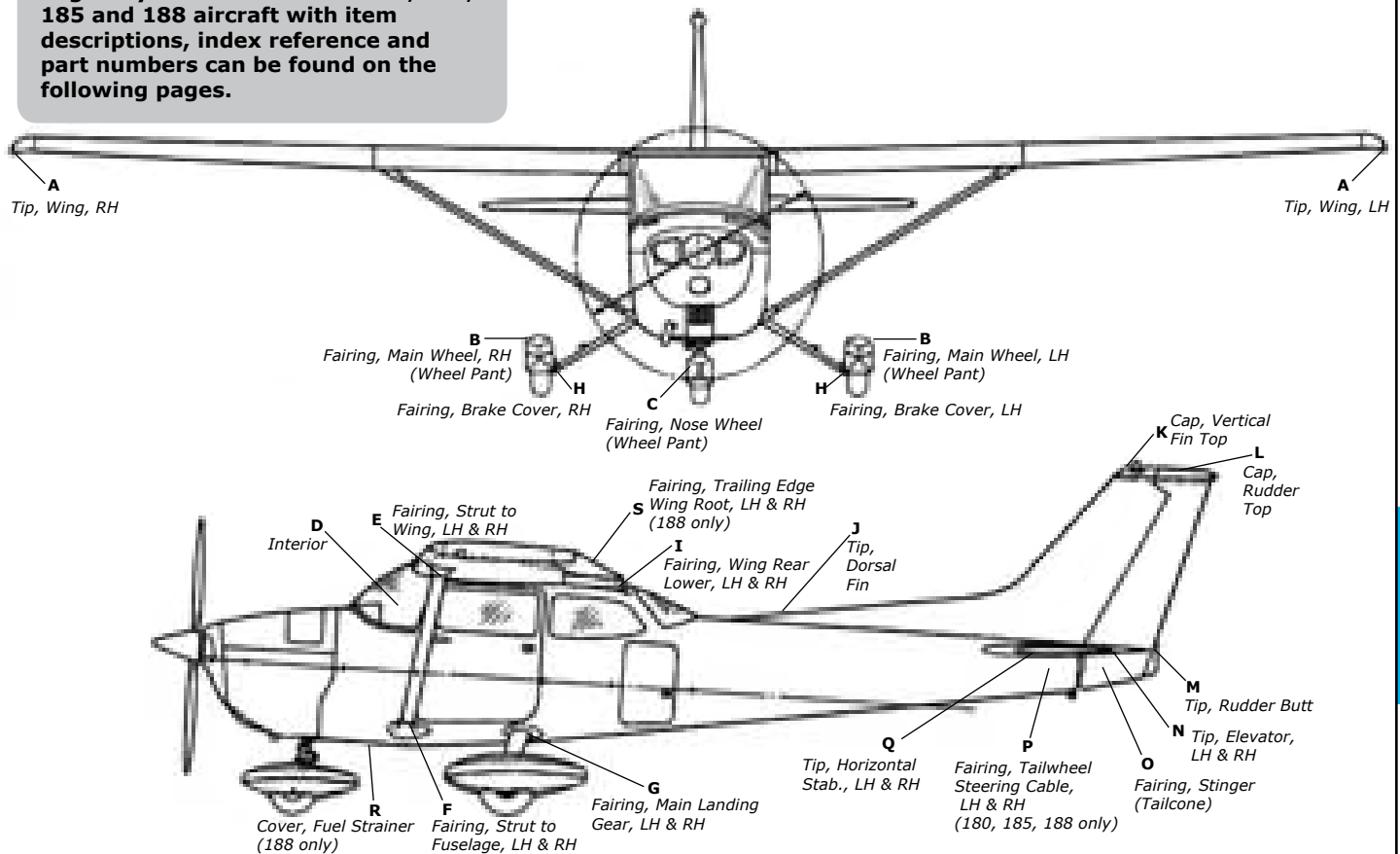
Kit P/N	Kit Description	Part Number	Item Description
20-01-80A	Door Panel Kit, Universal Fit	27-32-03L	Panel, Door LH
		27-32-03R	Panel, Door RH
28-05-80A	Landing Gear Fairing Kit	28-05-LGF	Fairing, Landing Gear, LH
		28-05-RGF	Fairing, Landing Gear, RH
28-06-80A	Strut Fairing Kit, Plastic	28-07-LFS	Fairing, Strut To Fuselage, LH
		28-07-RFS	Fairing, Strut To Fuselage, RH
		28-06-LWS	Fairing, Strut To Wing, LH
		28-06-RWS	Fairing, Strut To Wing, RH
28-07-80A	Strut Fairing Kit, Plastic	28-07-LFS	Fairing, Strut To Fuselage, LH
		28-07-RFS	Fairing, Strut To Fuselage, RH
		28-07-LWS	Fairing, Strut To Wing, LH
		28-07-RWS	Fairing, Strut To Wing, RH
28-08-80A	Brake Cover Fairing Kit	28-08-LBC	Fairing, Brake Cover, LH
		28-08-RBC	Fairing, Brake Cover, RH
28-13-80A	Post Cover Kit, Interior	28-13L	Cover, Post, LH
		28-13R	Cover, Post, RH
30-0715064-80A	Door Panel Kit	30-0715064-3-80A	Panel, Door LH
		30-0715064-4-80A	Panel, Door RH
KPS03	Split Strut Fairing Kit, Plastic	K0522150-1	Fairing, Strut to Fuselage, LH
		K0522150-2	Fairing, Strut to Fuselage, RH
		K0522150-3	Fairing, Strut to Wing, LH
		K0522150-4	Fairing, Strut to Wing, RH
SA-0522150-3412 SP	Split Strut Fairing Kit, Fiberglass	SA-0522150-1SP	Fairing, Strut to Fuselage, LH
		SA-0522150-2SP	Fairing, Strut to Fuselage, RH
		SA-0522150-3SP	Fairing, Strut to Wing, LH
		SA-0522150-4SP	Fairing, Strut to Wing, RH
SA-0523047-1212 SP	Split Strut Fairing Kit, Fiberglass	SA-0522150-1SP	Fairing, Strut to Fuselage, LH
		SA-0522150-2SP	Fairing, Strut to Fuselage, RH
		SA-0523047-1SP	Fairing, Strut to Wing, LH
		SA-0523047-2SP	Fairing, Strut to Wing, RH



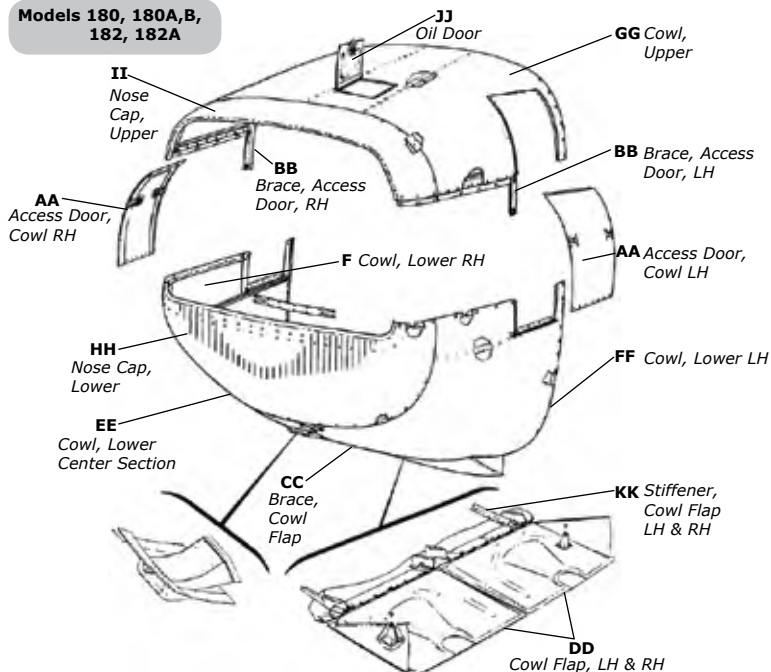
Go to www.mcfarlaneaviation.com for more details about specific part numbers.

Cessna 180, 182, 185 and 188 Series Aircraft

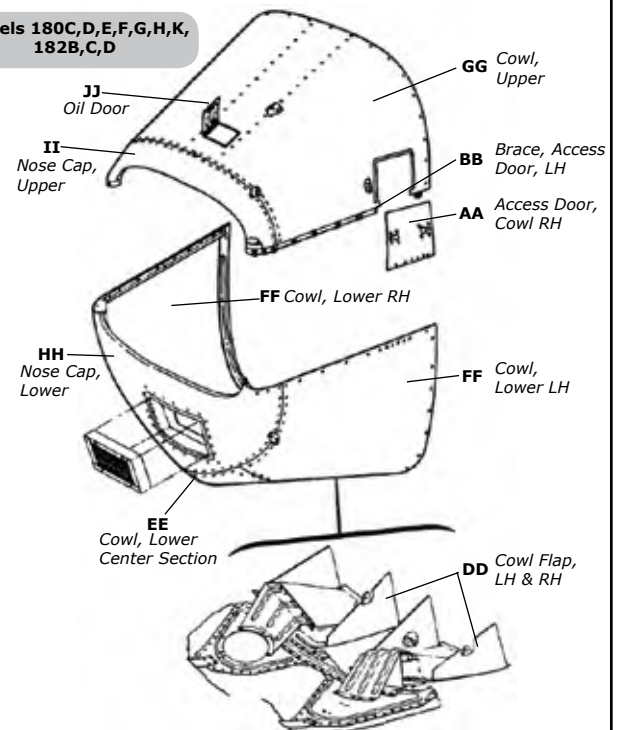
Eligibility tables for Cessna 180, 182, 185 and 188 aircraft with item descriptions, index reference and part numbers can be found on the following pages.



Models 180, 180A,B, 182, 182A



Models 180C,D,E,F,G,H,K, 182B,C,D



Fiberglass Parts Manufactured By Knots 2U

Fiberglass Parts Manufactured By Stene Aviation

ABS Plastic Parts Manufactured By Texas Aero Plastics

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Cessna 180, 182, 185 and 188 Series Aircraft

180, 180A,B,C,D,E,F,G,H,J,K S/N 30000 thru 18053203			Continued from previous column			Continued from previous column		
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number
Access Door, Cowl LH	AA	SC180701-1 2 K	Tip, Horiz. Stab., LH or RH	Q	31-11 6 T	Cowl, Upper	GG	SC180200-1 1 K
		SC180703-1 12 K			SA-0732613-1 5 S			SC180201-1 7 K
		SC180704-1 21 K	Tip, Wing, LH	A	20-51L-80A 19 T			SC180202-1 11 K
Access Door, Cowl RH	AA	SC180702-1 2 K			20-52L-80A 23 T	Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 15 K
Brace Access Door, LH	BB	SC180900-1 2 K			GF0723200-5 23 K			SA-0541203-1 18 S
Brace Access Door, RH	BB	SC180900-2 2 K			SA-0723200-5 23 S	Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0541203-2 18 S
Brace, Cowl Flap	CC	SC180901-2 2 K	Tip, Wing, RH	A	20-51R-80A 19 T			K0743625-14 15 K
Cap, Vertical Fin No Beacon Base	K	SA-0731000-200 17 S			20-52R-80A 23 T	Fairing, Nose Wheel	C	SA-0543065-1 18 S
Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731019-1 20 S	Tip, Wing, Conical, LH	A	GF0723200-6 23 K			GF1212010-00 17 K
Cap, Vertical Fin 3 1/2" Beacon Base	K	SA-0731019-2 26 S			SA-0723200-6 23 S	Fairing, Stinger (Tailcone)	O	SA-1212010-15 5 S
Cowl Flap, LH	DD	SC180804-1 13 K	Tip, Wing, Conical, RH	A	GF0523565-29791 22 K			182-LFS 1 T
Cowl Flap, RH	DD	SC180805-1 13 K			SA-0523565-29 22 S	Fairing, Strut To Fuslg, LH	F	K0723612-3 13 K
Cowl Flap, LH Exhst Cutout	DD	SC180800-1 1 K	Tip, Wing, Sym., LH or RH	A	GF0523565-30791 22 K			SA-0720702-9 13 S
		SC180802-1 8 K			SA-0523565-30 22 S			SA-0723605-1 3 20 S
Cowl Flap, RH Exhst Cutout	DD	SC180801-1 1 K			K0723615-200 4 K			SA-0723612-3 13 20 S
		SC180803-1 8 K			SA-0723615-200 5 S			182-RFS 1 T
Cowl, Lower Center Section	EE	SC180501-1 1 K				Fairing, Strut To Fuslg, RH	F	K0723612-4 13 K
		SC180502-1 8 K						SA-0720702-10 13 S
Cowl, Lower Left (Camloc)	FF	SC180401-1 2 K						SA-0723605-2 3 20 S
Cowl, Lower Left (Screws)	FF	SC180403-1 10 K						SA-0723612-4 13 20 S
Cowl, Lower Right (Camloc)	FF	SC180406-1 16 K				Fairing, Strut To Wing, LH	E	180-LWS 1 T
Cowl, Lower Right (Screws)	FF	SC180402-1 2 K						K0723605-3 9 K
		SC180404-1 10 K						SA-0720702-1 5 S
		SC180200-1 2 K				Fairing, Strut To Wing, RH	E	SA-0723605-3 20 S
Cowl, Upper	GG	SC180201-1 14 K						180-RWS 1 T
		SC180202-1 14 K						K0723605-4 9 K
		SC180203-1 19 K						SA-0720702-2 5 S
		SC180204-1 21 K						SA-0723605-4 20 S
Fairing, Brake Cover, LH	H	SA-0741059-1 5 S				Nose Cap, Lower (Camloc Air Filter)	HH	SC180604-1 11 K
Fairing, Brake Cover, RH	H	SA-0741059-2 5 S				Nose Cap, Lower (Screws)	HH	SC180602-1 1 K
Fairing, Main Wheel, LH (Wheel Pant)	B	SA-0741070-1 25 S				Nose Cap, Lower (Screws Air Filter)	HH	SC180603-1 7 K
Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0741070-2 25 S				Nose Cap, Upper	II	SC180302-1 1 K
Fairing, Stinger (Tailcone)	O	SA-0712400-9 5 S						SC180303-1 7 K
		180-LFS-T 1 T						SC180304-1 11 K
Fairing, Strut To Fuslg, LH	F	K0723605-1 9 K				Oil Door (Aluminum)	JJ	WAC752000 4
		SA-0723605-1 27 S				Panel, Door, LH	D	27-32-03L 6 T
		180-RFS-T 1 T						30-0715064-3-80A 6 T
Fairing, Strut To Fuslg, RH	F	K0723605-2 9 K				Panel, Door, RH	D	27-32-03R 6 T
		SA-0723605-2 27 S						30-0715064-4-80A 6 T
		180-LWS 1 T				Tip, Elevator, LH	N	31-10 LEFT 14 T
Fairing, Strut To Wing, LH	E	K0723605-3 9 K						GF1234608-01 14 K
		SA-0720702-1 5 S				Tip, Elevator, RH	N	31-10 RIGHT 14 T
		SA-0723605-3 27 S						GF1234608-02 14 K
Fairing, Strut To Wing, RH	E	K0723605-4 9 K						SA-1234608-3 14 S
		SA-0720702-2 5 S						31-11 4 T
		SA-0723605-4 27 S						31-09 1 T
Fairing, Tailwhl Strg Cbl LH	P	SA-0712309-9 5 S				Tip, Horiz. Stab., LH or RH	Q	SA-0732613-1 2 S
Fairing, Tailwhl Strg Cbl RH	P	SA-0712309-10 5 S						GF1232604-1 14 K
Nose Cap, Lower (Camloc Air Filter)	HH	SC180604-1 15 K						SA-1232604-1 14 S
Nose Cap, Lower (Camloc Landing Light)	HH	SC180605-1 19 K				Tip, Wing, LH	A	20-51L-80A 18 T
Nose Cap, Lower (Screws)	HH	SC180606-1 24 K				Tip, Wing, RH	A	20-51R-80A 18 T
Nose Cap, Lower (Screws Air Filter)	HH	SC180601-1 1 K				Tip, Wing, Conical, LH	A	GF0523565-29791 19 K
		SC180602-1 8 K						SA-0523565-29 5 S
		SC180603-1 10 K				Tip, Wing, Conical, RH	A	GF0523565-30791 19 K
Nose Cap, Upper	II	SC180301-1 1 K						SA-0523565-30 5 S
		SC180302-1 8 K				Tip, Wing, Sym., LH or RH	A	K0723615-200 6 K
		SC180303-1 10 K						SA-0723615-200 5 S
		SC180304-1 15 K						
		SC180305-1 21 K						
Oil Door	JJ	SC180752-1 21 K						
		WAC752000 3 28						
Panel, Door, LH	D	27-32-03L 7 T						
		30-0715064-3-80A 7 T						
Panel, Door, RH	D	27-32-03R 7 T						
		30-0715064-4-80A 7 T						
Stiffener, Cowl Flap LH	KK	SC180900-3 2 K						
Stiffener, Cowl Flap RH	KK	SC180900-4 2 K						

Eligibility continues in next column

K Fiberglass Parts Manufactured By Knots 2U

Eligibility continues in next column

S Fiberglass Parts Manufactured By Stene Aviation

T ABS Plastic Parts Manufactured By Texas AeroPlastics

Cessna 180, 182, 185 and 188 Series Aircraft

182P,Q,R, T182 S/N 18260826 thru 18268586			Continued from previous column			A182J,K,L,N, F182P,Q, FR182, R182, TR182 S/N A182-0001 thru A182-0148 F18200001 thru F18200169 FR18200001 thru FR18200070 R18200001 thru R18202041					
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number			
Cap, Rudder Top	L	GF0731606-04	K	L	GF0731606-04	L	L	GF0731606-04			
		GF0731606-01			3 K			SA-0731606-6	3 S	SA-0731606-9	11 S
		SA-0731606-6			3 S			SA-0731606-9	11 S	GF0731606-03	11 K
		SA-0731606-9			11 S			K0731606-1	3 K	SA-0731606-1	3 S
Cap, Vertical Fin No Beacon Base	K	GF0731606-03	K	K	SA-1231064-10	K	K	GF0731606-03			
		K0731606-1			3 K			SA-0731606-1	3 S	SA-0731606-10	11 S
		SA-0731606-1			3 S			SA-0731606-10	11 S	K0731606-3	3 K
Cap, Vertical Fin Small Beacon Base	K	K1231064	K	K	K1231064	K	K	K1231064			
		SA-0731606-3			3 K			SA-0731606-1	1 S		
Cap, Vertical Fin 2 ¼" Beacon Base	K	SA-1231059-1	K	K	SA-1231059-1	K	K	GF0541223-01			
		SA-1231064-1			11 S			SA-1231064-1	11 S	K0741046-203	11 K
		31-07-LBC			2 T			31-08-LBC	10 T	SA-0741634-11	9 S
Fairing, Brake Cover, LH	H	31-08-LBC	H	H	SA-0741634-17	H	H	SA-0741634-17			
		SA-0741641-15			13 S			SA-0741641-15	13 S	SA-0741641-15	13 S
		SA-0741634-11			9 S			SA-0741634-17	2 S	SA-0741641-15	13 S
		SA-0741641-15			13 S			SA-0741641-15	13 S	SA-0741641-15	13 S
Fairing, Brake Cover, RH	H	31-07-RBC	H	H	31-07-RBC	H	H	31-07-RBC			
		31-08-RBC			10 T			31-08-RBC	10 T	31-08-RBC	10 T
		SA-0741634-10			9 S			SA-0741634-10	9 S	SA-0741634-10	9 S
		SA-0741634-18			2 S			SA-0741634-18	2 S	SA-0741634-18	2 S
Fairing, Gear Leg, LH	G	SA-0741641-14	G	G	SA-0741641-14	G	G	SA-0741641-14			
		SA-1741005-201			4 S			SA-1741005-201	4 S	SA-1741005-201	4 S
		SA-1741005-200			4 S			SA-1741005-200	4 S	SA-1741005-200	4 S
		31-03-LGF			11 T			31-03-LGF	11 T	31-03-LGF	11 T
Fairing, Gear Leg, RH	G	SA-0741052-201	G	G	SA-0741052-201	G	G	SA-0741052-201			
		31-03-RGF			11 T			31-03-RGF	11 T	31-03-RGF	11 T
Fairing Land. Gear Strut LH	G	SA-0741052-200	G	G	SA-0741052-200	G	G	SA-0741052-200			
		GF0541223-01			10 K			GF0541223-01	10 K	GF0541223-01	10 K
Fairing Land. Gear Strut RH	G	SA-0541223-17	G	G	SA-0541223-17	G	G	SA-0541223-17			
		GF0541223-02			10 K			GF0541223-02	10 K	GF0541223-02	10 K
Fairing, Main Wheel, LH (Wheel Pant)	B	SA-0541223-16	B	B	SA-0541223-16	B	B	SA-0541223-16			
		20-40N-80A			T			20-40N-80A	T	20-40N-80A	T
Fairing, Main Wheel, RH (Wheel Pant)	B	GF0543079-00	B	B	GF0543079-00	B	B	GF0543079-00			
		SA-0543079-3			10 S			SA-0543079-3	10 S	SA-0543079-3	10 S
Fairing, Nose Wheel	C	GF1212010-00	C	C	GF1212010-00	C	C	GF1212010-00			
		SA-1212010-15			S			SA-1212010-15	S	SA-1212010-15	S
Fairing, Stinger (Tailcone)	O	182-LFS	O	O	182-LFS	O	O	182-LFS			
		K0723612-3			K			K0723612-3	K	K0723612-3	K
Fairing, Strut To Fuslg, LH	F	SA-0720702-9	F	F	SA-0720702-9	F	F	SA-0720702-9			
		SA-0723612-3			14 S			SA-0723612-3	14 S	SA-0723612-3	14 S
Fairing, Strut To Fuslg, RH	F	182-RFS	F	F	182-RFS	F	F	182-RFS			
		K0723612-4			K			K0723612-4	K	K0723612-4	K
Fairing, Strut To Wing, LH	E	SA-0720702-10	E	E	SA-0720702-10	E	E	SA-0720702-10			
		SA-0723612-4			14 S			SA-0723612-4	14 S	SA-0723612-4	14 S
Fairing, Strut To Wing, RH	E	180-LWS	E	E	180-LWS	E	E	180-LWS			
		K0723605-3			K			K0723605-3	K	K0723605-3	K
Tip, Dorsal Fin	J	SA-0720702-1	J	J	SA-0720702-1	J	J	SA-0720702-1			
		SA-0723605-3			14 S			SA-0723605-3	14 S	SA-0723605-3	14 S
Tip, Elevator, LH	N	180-RWS	N	N	180-RWS	N	N	180-RWS			
		K0723605-4			K			K0723605-4	K	K0723605-4	K
Tip, Elevator, RH	N	SA-0720702-2	N	N	SA-0720702-2	N	N	SA-0720702-2			
		SA-0723605-4			14 S			SA-0723605-4	14 S	SA-0723605-4	14 S
Tip, Horiz. Stab., LH or RH	Q	SA-0723605-4	Q	Q	SA-0723605-4	Q	Q	SA-0723605-4			
		31-12			8 T			31-12	8 T	31-12	8 T
Tip, Wing, LH	A	31-10 LEFT	A	A	31-10 LEFT	A	A	31-10 LEFT			
		GF1234608-01			K			GF1234608-01	K	GF1234608-01	K
Tip, Wing, RH	A	SA-1234608-3	A	A	SA-1234608-3	A	A	SA-1234608-3			
		31-10 RIGHT			T			31-10 RIGHT	T	31-10 RIGHT	T
Tip, Wing, RH	A	GF1234608-02	A	A	GF1234608-02	A	A	GF1234608-02			
		SA-1234608-4			S			SA-1234608-4	S	SA-1234608-4	S
Tip, Wing, RH	A	31-09	A	A	31-09	A	A	31-09			
		GF1232604-1			5 K			GF1232604-1	5 K	GF1232604-1	5 K
Tip, Wing, RH	A	GF1232604-2	A	A	GF1232604-2	A	A	GF1232604-2			
		SA-1232604-1			5 S			SA-1232604-1	5 S	SA-1232604-1	5 S
Tip, Wing, RH	A	20-52L-80A	A	A	20-52L-80A	A	A	20-52L-80A			
		GF0723200-5			K			GF0723200-5	K	GF0723200-5	K
Tip, Wing, RH	A	SA-0723200-5	A	A	SA-0723200-5	A	A	SA-0723200-5			
		20-52R-80A			T			20-52R-80A	T	20-52R-80A	T
Tip, Wing, RH	A	GF0723200-6	A	A	GF0723200-6	A	A	GF0723200-6			
		SA-0723200-6			S			SA-0723200-6	S	SA-0723200-6	S
Eligibility continues in next column			Eligibility continues on next page								
1 Model 182S only 2 Models 182T, T182T only 3 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.			1 Model 182S only 2 Models 182T, T182T only 3 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.			1 Model 182S only 2 Models 182T, T182T only 3 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.					

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Cessna 180, 182, 185 and 188 Series Aircraft

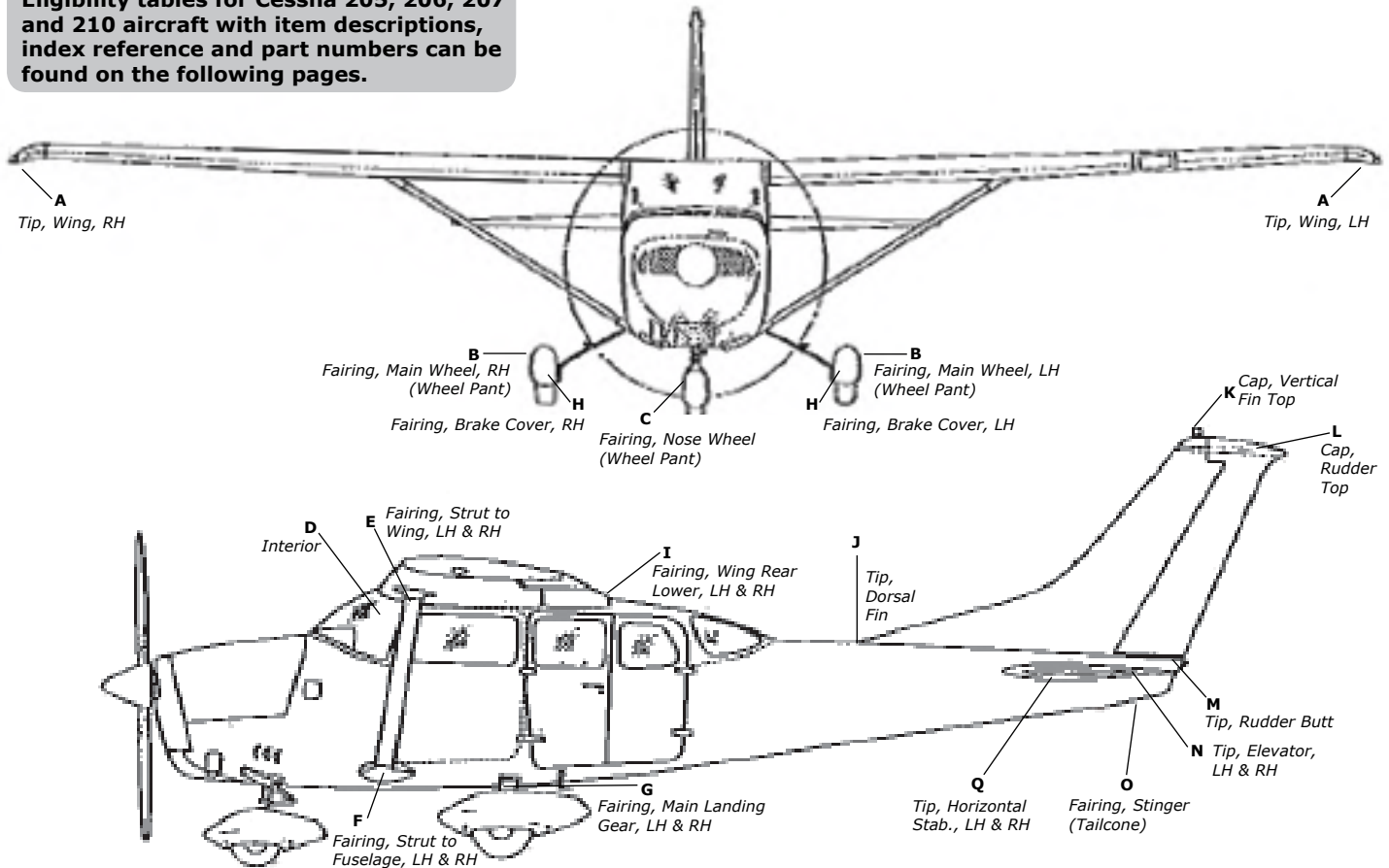
Continued from previous page			
Description	Idx	Part Number	
Fairing, Main Wheel, RH (Wheel Pant)	B	SA-0741070-2	8 S
Fairing, Stinger (Tailcone)	O	SA-0712400-9	S
Fairing, Strut To Fuslg, LH	F	180-LFS-T	4 T
		SA-0723605-1	1 S
		SA-1227002-3SP	10 S
Fairing, Strut To Fuslg, RH	F	180-RFS-T	4 T
		SA-0723605-2	1 S
		SA-1227002-2SP	10 S
Fairing, Strut To Wing, LH	E	180-LWS	T
		SA-0723605-3	1 S
		SA-1227002-11SP	10 S
Fairing, Strut To Wing, RH	E	180-RWS	T
		SA-0723605-4	1 S
		SA-1227002-10SP	10 S
Fairing, Tailwhl Strg Cbl LH	P	SA-0712309-9	S
Fairing, Tailwhl Strg Cbl RH	P	SA-0712309-10	S
Panel, Door, LH	D	27-32-03L	T
		Built in arm rest	T
		30-0715064-3-80A	T
Panel, Door, RH	D	27-32-03R	T
		Built in arm rest	T
		30-0715064-4-80A	T
Tip, Horiz. Stab., LH or RH	Q	SA-0732613-3	S
Tip, Wing, LH	A	20-51L-80A	5 T
		20-52L-80A	8 T
		GF0723200-5	K
Tip, Wing, RH	A	SA-0723200-5	8 S
		20-51R-80A	5 T
		20-52R-80A	8 T
		GF0723200-6	K
Tip, Wing, Conical, LH	A	SA-0723200-6	8 S
		GF0523565-29791	6 K
		SA-0523565-29	6 S
Tip, Wing, Conical, RH	A	GF0523565-30791	6 K
Tip, Wing, Sym., LH or RH	A	SA-0523565-30	6 S
		K0723615-200	3 K
		SA-0723615-200	3 S
1 S/N 185-0001 thru 185-0237 only			
2 S/N 185-0001 thru 185-0967 only			
3 S/N 185-0001 thru 185-1149 only			
4 S/N 185-0001 thru 18502310 only			
5 S/N 185-0968 thru 18502090 only			
6 S/N 18501833 thru 18502090 only			
7 S/N 18502091 thru 18502310 only			
8 S/N 18502091 thru 18504448 only			
9 S/N 18502311 thru 18504448 only			
10 FAA-PMA/STC approved split fairing for easy installation and removal.			
188, 188A,B, A188, A188A,B, T188C			
S/N 188-0001 thru 18803973			
Description	Idx	Part Number	
Cover, Fuel Strainer	R	SA-1616036-1	1 S
Fairing, Gear Leg, LH	G	SA-1621410-7	2 S
		SA-1613420-11	4 S
		SA-1613220-23	3 S
Fairing, Gear Leg, RH	G	SA-1621410-8	2 S
		SA-1613420-12	4 S
		SA-1613220-24	3 S
Fairing, Stinger (Tailcone)	O	SA-0712400-9	S
Fairing, Strut Upper, LH	F	SA-1613220-11	4 S
		SA-1620024-1	4 S
		SA-1613220-12	4 S
Fairing, Strut Upper, RH	F	SA-1620024-2	4 S
		SA-1600011-1	1 S
		SA-1600011-2	1 S
Fairing, TE Wing Root, LH	S	SA-1600011-1	1 S
Fairing, TE Wing Root, RH	S	SA-1600011-2	1 S
Tip, Wing, LH	A	20-52L-80A	T
		SA-0723200-5	S
		20-52R-80A	T
Tip, Wing, RH	A	SA-0723200-6	S
1 Model T188C not eligible			
2 Models 188B and A188B only			
3 Models 188A,B and A188A,B only			
4 Models 188, 188A, A188, A188A only			

Kits available for 180, 182, 185 and 188 aircraft			
Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
20-52-80A	Conical Wing Tip Kit	20-52L-80A	Tip, Wing, LH
		20-52R-80A	Tip, Wing, RH
30-04-80A	Wing Strut Fairing Kit	180-LFS-T	Fairing, Strut To Fuselage, LH
		180-RFS-T	Fairing, Strut To Fuselage, RH
		180-LWS	Fairing, Strut to Wing, LH
		180-RWS	Fairing, Strut to Wing, RH
30-0715064-80A	Door Panel Kit	30-0715064-3-80A	Panel, Door LH
		30-0715064-4-80A	Panel, Door RH
31-01-80A	Wing Strut Fairing Kit	182-LFS	Fairing, Strut To Fuselage, LH
		182-RFS	Fairing, Strut To Fuselage, RH
		180-LWS	Fairing, Strut to Wing, LH
		180-RWS	Fairing, Strut to Wing, RH
31-03-80A	Landing Gear Fairing Kit	31-03-LGF	Fairing, Land. Gear Strut, LH
		31-03-RGF	Fairing, Land. Gear Strut, RH
31-07-80A	Brake Cover Fairing Kit	31-07-LBC	Fairing, Brake Cover, LH
		31-07-RBC	Fairing, Brake Cover, RH
31-08-80A	Brake Cover Fairing Kit	31-08-LBC	Fairing, Brake Cover, LH
		31-07-RBC	Fairing, Brake Cover, RH
KPS01	Split Strut Fairing Kit, Plastic	K0723612-3	Fairing, Strut to Fuselage, LH
		K0723612-4	Fairing, Strut to Fuselage, RH
		K0723605-3	Fairing, Strut to Wing, LH
		K0723605-4	Fairing, Strut to Wing, RH
KPS02	Split Strut Fairing Kit, Plastic	K0723605-1	Fairing, Strut to Fuselage, LH
		K0723605-2	Fairing, Strut to Fuselage, RH
		K0723605-3	Fairing, Strut to Wing, LH
		K0723605-4	Fairing, Strut to Wing, RH
SA-0723605-1234 SP	Split Strut Fairing Kit, Fiberglass	SA-0723605-1SP	Fairing, Strut to Fuselage, LH
		SA-0723605-2SP	Fairing, Strut to Fuselage, RH
		SA-0723605-3SP	Fairing, Strut to Wing, LH
		SA-0723605-4SP	Fairing, Strut to Wing, RH
SA-0723612-3434 SP	Split Strut Fairing Kit, Fiberglass	SA-0723612-3SP	Fairing, Strut to Fuselage, LH
		SA-0723612-4SP	Fairing, Strut to Fuselage, RH
		SA-0723605-3SP	Fairing, Strut to Wing, LH
		SA-0723605-4SP	Fairing, Strut to Wing, RH
SA-1227002-1145 SP	Split Strut Fairing Kit, Fiberglass	SA-1227002-3SP	Fairing, Strut to Fuselage, LH
		SA-1227002-2SP	Fairing, Strut to Fuselage, RH
		SA-1227002-11SP	Fairing, Strut to Wing, LH
		SA-1227002-10SP	Fairing, Strut to Wing, RH



Cessna 205, 206, 207 and 210 Series Aircraft

Eligibility tables for Cessna 205, 206, 207 and 210 aircraft with item descriptions, index reference and part numbers can be found on the following pages.



210-5(205), 210-5A(205A) S/N 205-0001 thru 205-0577			Continued from previous column			P206, P206A,B,C,D,E, TP206A,B,C,D,E S/N P206-0002 thru P206-0647		
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number
Cap, Rudder Top	L	GF0731606-04 1K SA-0731606-10 5S SA-1231001-2 5S	Fairing, Strut To Fuslg, RH	F	SA-1227402-4 11S	Cap, Rudder Top	L	GF0731606-04 1K GF0731606-01 4K SA-0731606-6 4S SA-1231001-2 1S
Cap, Vertical Fin	K	GF0731606-03 1K	Fairing, Strut To Wing, LH	E	SA-1227002-11 11S	Cap, Vertical Fin No Beacon Base	K	K0731606-1 4K
Fairing, Stinger (Tailcone)	O	SA-1212010-14 5S	Fairing, Strut To Wing, RH	E	SA-1227002-10 11S	Cap, Vertical Fin Small Beacon Base	K	K0731606-3 4K
Fairing, Main Wheel, LH	F	SA-1227401-5 1S	Fairing, Stinger (Tailcone)	O	GF1212010-00 1K SA-1212010-14 5S	Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731606-3 4S
Fairing, Strut To Fuslg, RH	F	SA-1227401-4 1S	Tip, Elevator, LH	N	GF1234608-01 2K K1234640-1 7K SA-1234608-3 5S SA-1234640-1 7S	Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 4K
Fairing, Strut To Wing, LH	E	SA-1227002-11 1S	Tip, Elevator, RH	N	GF1234608-02 2K K1234640-2 7K SA-1234608-4 5S SA-1234640-2 7S	Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 4K
Fairing, Strut To Wing, RH	E	SA-1227002-10 1S	Tip, Horiz. Stab., LH or RH	Q	GF1232604-1 4K SA-1232604-1 5S SA-1232012-1 10S SA-1232616-1 9S	Fairing, Nose Wheel	C	K0743625-14 9K
Tip, Horiz. Stab., LH or RH	Q	SA-0732613-1 5S	Tip, Wing, LH	A	SA-1223000-7 5S	Fairing, Strut To Fuslg, LH	F	SA-1227402-3 8S
Tip, Wing, LH	A	SA-1223000-7 5S	Tip, Wing, RH	A	SA-1223000-8 5S	Fairing, Strut To Fuslg, RH	F	SA-1227402-4 8S
Tip, Wing, RH	A	SA-1223000-8 5S				Fairing, Strut To Wing, LH	E	SA-1227002-11 8S
1 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.			1 Models 206, U206 only			Fairing, Strut To Wing, RH	E	SA-1227002-10 8S
206, TU206A,B,C,D, U206, U206A,B,C,D S/N 206-0001 thru 206-0275, U206-0276 thru U206-1444			2 Models 206, U206, U206A,B only			Fairing, Stinger (Tailcone)	O	GF1212010-00 1K SA-1212010-14 5S
Description	Idx	Part Number	3 Models 206, U206, U206A,B,C,D only			Tip, Elevator, LH	N	GF1234608-01 2K K1234640-1 6K SA-1234608-3 3S SA-1234640-1 6S
Cap, Rudder Top	L	GF0731606-04 3K GF0731606-01 8K SA-0731606-6 6S SA-1231001-2 1S	4 Models 206, TU206B, U206, U206A, only			Tip, Elevator, RH	N	GF1234608-02 2K K1234640-2 6K SA-1234608-4 3S SA-1234640-2 6S
Cap, Vertical Fin No Beacon Base	K	K0731606-1 6K	5 Models TU206A,B, U206A,B only			Tip, Horiz. Stab., LH or RH	Q	GF1232604-1 2K SA-1232604-1 3S SA-1232012-1 7S SA-1232616-1 5S
Cap, Vertical Fin Small Beacon Base	K	K0731606-3 6K	6 Models TU206B,C,D, U206B,C,D only			Tip, Wing, LH	A	20-51L-80A 7T SA-1223000-7 5S
Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731606-3 6S	7 Models TU206C,D, U206C,D only					
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 8K	8 Models U206B,C,D only			Eligibility continues on next page		
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 8K	9 Models U206C only			Eligibility continues in next column		
Fairing, Nose Wheel	C	K0743625-14 12K	10 S/N U206-1161 thru U206-1444 only			1 Fiberglass Parts Manufactured By Knots 2U		
Fairing, Strut To Fuslg, LH	F	SA-1227402-3 11S	11 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N.			5 Fiberglass Parts Manufactured By Stene Aviation		
Eligibility continues in next column			12 S/N U206-0657 thru U206-1389 only			1 ABS Plastic Parts Manufactured By Texas AeroPlastics		

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Cessna 205, 206, 207 and 210 Series Aircraft

Continued from previous page			Continued from previous column			Continued from previous column		
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number
Tip, Wing, RH	A	20-51R-80A 7 T SA-1223000-8 S	1 Models TU206E,U206E only 2 Models TU206F, U206F only 3 Models TU206F,G, U206F,G only 4 Model U206E only 5 Models U206E,F,G only 6 Model U206G only 7 S/N U20601445 thru U20601905 only 8 S/N U20601445 thru U20603020 only 9 S/N U20601588 thru U20602199 only 10 S/N U20601605 thru U20601700 only 11 S/N U20601701 thru U20603521 only 12 S/N U20601906 thru U20603020 only 13 S/N U20602576 and on 14 S/N U20602580 and on 15 S/N U20603021 and on 16 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N. 17 S/N U20601445 thru U20601587 only			Fairing, Stinger (Tailcone)	O	GF1212010-00 K SA-1212010-14 S
1 Models P206, P206A only 2 Models P206, P206A,B only 3 Models P206A,B, TP206A,B only 4 Models P206B,C,D,E only 5 Models P206C,D only 6 Models P206C,D,E, TP206C,D,E only 7 Models P206D,E, TP206D,E only 8 Also available as a FAA-PMA/STC approved split fairing for easy installation and removal; add an "SP" suffix to the P/N. 9 Models P206B,C,D only TU206E,F,G, U206E,F,G S/N U20601445 thru U20607020			206H, T206H S/N 20608001 thru 20699999, T20608001 thru T20699999			Fairing, Strut To Fuslg, LH	F	SA-1227010-1 S
Description	Idx	Part Number	Description	Idx	Part Number	Description	Idx	Part Number
Cap, Rudder Top	L	GF0731606-04 5 K GF0731606-01 8 K SA-0731606-6 7 S SA-0731606-9 13 S	Cap, Rudder Top	L	SA-0731606-9 S	Fairing, Strut To Fuslg, RH	F	SA-1227010-2 S
Cap, Vertical Fin No Beacon Base	K	K0731606-1 8 K	Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731606-11 S	Fairing, Strut To Wing, LH	E	SA-1227011-5 3 S
Cap, Vertical Fin Small Beacon Base	K	K1231064 13 K	Cap, Vertical Fin 2 1/2" Beacon Base	K	K1231064 K	Fairing, Strut To Wing, RH	E	SA-1227011-6 3 S
Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731606-3 7 S SA-1231064-1 13 S	Fairing, Main Gear, LH	G	GF0541223-01 2 K SA-0541223-17 S SA-1241229-1 S	Tip, Elevator, LH	N	K1234640-1 K SA-1234640-1 9 S
Cap, Vertical Fin 2 1/2" Beacon Base	K	SA-1231059-1 12 S	Fairing, Main Gear, RH	G	GF0541223-02 2 K SA-0541223-16 S SA-1241229-2 S	Tip, Elevator, RH	N	K1234640-2 K SA-1234640-2 9 S
Fairing, Brake, LH	H	SA-1241113-1 6 S SA-1241232-1 6 S	Fairing, Nose Wheel	C	SA-0543079-3 S SA-1243045-12 S	Tip, Horiz. Stab., LH or RH	Q	GF1232012-1 K SA-1232012-1 9 S
Fairing, Brake, RH	H	SA-1241113-2 6 S SA-1241232-2 6 S	Fairing, Strut To Fuslg, LH	F	SA-1227010-1 S	Tip, Wing, LH	A	20-51L-80A 5 T SA-1223000-7 1 S SA-0523565-29 7 S
Fairing, Main Gear, LH	G	GF0541223-01 14 K SA-0541203-1 9 S SA-0541223-17 14 S SA-1241229-1 3 S	Fairing, Strut To Fuslg, RH	F	SA-1227010-2 S	Tip, Wing, RH	A	20-51R-80A 5 T SA-1223000-8 1 S SA-0523565-30 7 S
Fairing, Main Gear, RH	G	GF0541223-02 14 K SA-0541203-2 9 S SA-0541223-16 14 S SA-1241229-2 3 S	Fairing, Strut To Wing, LH	E	SA-1227005-5 S	Tip, Wing, Conical, LH	A	GF0523565-29791 7 K
Fairing, Main Wheel, LH (Wheel Pant)	B	K0741046-203 17 K	Fairing, Strut To Wing, RH	E	SA-1227005-6 13 S	Tip, Wing, Conical, RH	A	GF0523565-30791 7 K
Fairing, Main Wheel, RH (Wheel Pant)	B	K0741046-202 17 K	Fairing, Stinger (Tailcone)	O	GF1212010-00 K SA-1212010-14 S			
Fairing, Nose Wheel	C	20-40N-80A 11 T GF0543079-00 14 K SA-0543065-1 9 S SA-0543079-3 14 S SA-1234045-1 3 S SA-1227010-1 3 S SA-1227402-3 110 S	207, 207A, T207, T207A S/N 20700001 thru 20700788					
Fairing, Strut To Fuslg, LH	F	SA-1227010-2 3 S SA-1227402-4 116 S	Description	Idx	Part Number	210, 210A,B,C,D,E,F S/N 57001 thru 21058818		
Fairing, Strut To Fuslg, RH	F	SA-1227002-11 116 S SA-1227005-5 13 S	Cap, Rudder Top	L	GF0731606-04 8 K GF0731606-01 4 K SA-0731606-6 4 S SA-0731606-9 8 S	Description	Idx	Part Number
Fairing, Strut To Wing, LH	E	SA-1227002-10 116 S SA-1227005-6 13 S	Cap, Vertical Fin No Beacon Base	K	K0731606-1 4 K	Cap, Rudder Top	L	GF0731606-04 K SA-1231001-2 S
Fairing, Stinger (Tailcone)	O	GF1212010-00 K SA-1212010-14 S	Cap, Vertical Fin Small Beacon Base	K	K1231064 8 K	Cap, Vertical Fin	K	GF0731606-03 K
Tip, Elevator, LH	N	K1234640-1 K SA-1234640-1 S	Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-0731606-3 2 S SA-1231064-1 8 S	Fairing, Strut To Fuslg, LH	F	34-01-01-LFS 1 T 34-01-23-LFS 4 T SA-1227002-3 1 S SA-1227401-3 4 S SA-1227402-1 5 S SA-1227402-3 7 S
Tip, Elevator, RH	N	K1234640-2 K SA-1234640-2 S	Cap, Vertical Fin 2 1/2" Beacon Base	K	SA-1231059-1 6 S	Fairing, Strut To Fuslg, RH	F	34-01-01-RFS 1 T 34-01-23-RFS 4 T SA-1227002-2 1 S SA-1227401-2 4 S SA-1227402-2 5 S SA-1227402-4 7 S
Tip, Horiz. Stab., LH or RH	Q	GF1232012-1 3 K SA-1232012-1 S	Fairing, Brake, LH	H	SA-1241228-1 8 S	Fairing, Strut To Wing, LH	E	34-01-05-LWS 3 T SA-1227002-11 6 S SA-1227002-5 2 S
Tip, Wing, LH	A	20-51L-80A 4 T 20-52L-80A 2 T GF0723200-5 3 K SA-0723200-5 3 S	Fairing, Brake, RH	H	SA-1241228-2 8 S	Fairing, Strut To Wing, RH	E	34-01-05-RWS 3 T SA-1227002-10 6 S SA-1227002-4 2 S
Tip, Wing, RH	A	20-51R-80A 4 T 20-52L-80A 2 T GF0723200-6 3 K SA-0723200-6 3 S	Fairing, Gear Leg, LH	G	SA-1241217-1 S	Fairing, Stinger (Tailcone)	O	SA-1212010-14 S
Tip, Wing, Conical, LH	A	GF0523565-29791 10 K SA-0523565-29 10 S	Fairing, Gear Leg, RH	G	SA-1241217-2 S	Tip, Elevator, LH	N	GF1234608-01 K SA-1234608-3 6 S
Tip, Wing, Conical, RH	A	GF0523565-30791 10 K SA-0523565-30 10 S	Fairing, Main Gear, LH	G	GF0541223-01 8 K	Tip, Elevator, RH	N	GF1234608-02 K SA-1234608-4 6 S SA-0732613-1 2 S
Eligibility continues in next column			Fairing, Main Gear, RH	G	GF0541223-02 8 K GF0543079-00 8 K K0743625-14 5 K SA-0543079-3 9 S	Tip, Horiz. Stab., LH or RH	Q	GF1232604-1 6 K SA-1232604-1 6 S SA-1223000-7 2 S SA-1223000-8 2 S
Eligibility continues in next column			Fairing, Nose Wheel	C		Tip, Wing, LH	A	1 Models 210, 210A only 2 Models 210, 210A,B,C only 3 Models 210, 210A,B,C,D,E only 4 Models 210B,C only 5 Models 210D,E only 6 Models 210D,E,F only 7 Model 210F only

K Fiberglass Parts Manufactured By Knots 2U

S Fiberglass Parts Manufactured By Stene Aviation

T ABS Plastic Parts Manufactured By Texas AeroPlastics

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Cessna 205, 206, 207 and 210 Series Aircraft

210G,H,J,K,L,M,N,R S/N 21058819 thru 21065009			T210F,G,H,J,K,L,M,N,R S/N T210-0001 thru T210-0454		
Description	Idx	Part Number	Description	Idx	Part Number
Cap, Rudder Top	L	GF0731606-04	Cap, Rudder Top	L	GF0731606-04
		GF0731606-01			GF0731606-01
		SA-0731606-6			SA-1231001-2
		SA-0731606-9			GF0731606-03
Cap, Vertical Fin No Beacon Base	K	GF0731606-03	Cap, Vertical Fin No Beacon Base	K	K0731606-1
		K0731606-1			K0731606-3
		SA-0731606-1			K1231064
		SA-0731606-10	Cap, Vertical Fin 2 1/2" Beacon Base	K	SA-1231059-1
Cap, Vertical Fin Small Beacon Base	K	K0731606-3			GF1212010-00
		K1231064			SA-1212010-14
		SA-0731606-3			K1234640-1
		SA-1231064-1	Fairing, Stinger (Tailcone)	O	SA-1234640-1
Cap, Vertical Fin 2 1/4" Beacon Base	K	SA-1231059-1			GF1234608-01
		GF1212010-00			K1234640-1
		SA-1212010-14			SA-1234608-3
Fairing, Stinger (Tailcone)	O	K1234640-1			Tip, Elevator, LH
		SA-1234640-1	GF1234608-02		
		K1234640-2	K1234640-2		
		SA-1234640-2	SA-1234608-4		
Tip, Elevator, LH	N	SA-1234640-1	Tip, Elevator, RH	N	SA-1234640-2
		K1234640-2			SA-1232012-1
		SA-1234640-2			GF1232012-1
		SA-1232012-1			GF1232604-1
Tip, Horiz. Stab., LH or RH	Q	GF1232012-1	Tip, Horiz. Stab., LH or RH	Q	SA-1232604-1
		GF1232012-1			SA-1221111-203
		SA-1221111-203			SA-1221111-202
		SA-1221111-202			SA-1221111-202
Tip, Wing, LH	A	SA-1221111-203	Tip, Wing, LH	A	SA-1221111-203
		SA-1221111-202			SA-1221111-202
		SA-1221111-202			SA-1221111-202
		SA-1221111-202			SA-1221111-202
Tip, Wing, RH	A	SA-1221111-203	Tip, Wing, RH	A	SA-1221111-203
		SA-1221111-202			SA-1221111-202
		SA-1221111-202			SA-1221111-202
		SA-1221111-202			SA-1221111-202
1 S/N 21058819 thru 21061573 only			1 Models T210F only		
2 S/N 21058819 thru 21064897 only			2 Models T210G,H,J,K,L only		
3 S/N 21059038 thru 21064897 only			3 Models T210G,H,J,K,L,M,N only		
4 S/N 21059200 thru 21059719 only			4 Models T210G,H,J,K,L,M,N,R only		
5 S/N 21059200 thru 21061039 only			5 S/N T210-0382 thru T210-0454 only		
6 S/N 21059200 thru 21064897 only			6 Models T210H,J,K,L,M,N only		
7 S/N 21059200 and on			7 Models T210K,L,M,N only		
8 S/N 21059503 thru 21061573 only			8 Models T210K,L,M,N,R only		
9 S/N 21059503 and on			9 Models T210L,M,N,R only		
10 S/N 21061040 thru 21064135 only			10 Model T210L only		
11 S/N 21061040 and on					
P210N,R S/N P21000001 thru P21000874					
Description	Idx	Part Number			
Cap, Rudder Top	L	GF0731606-04			
Cap, Vertical Fin No Beacon Base	K	GF0731606-03			
Cap, Vertical Fin Small Beacon Base	K	K1231064			
Fairing, Stinger (Tailcone)	O	GF1212010-00			
		SA-1212010-14			
		K1234640-1			
		SA-1234640-1			
Tip, Elevator, LH	N	K1234640-2			
		SA-1234640-2			
		SA-1234640-2			
		SA-1234640-2			
Tip, Elevator, RH	N	SA-1234640-1			
		K1234640-2			
		SA-1234640-2			
		SA-1234640-2			
Tip, Wing, LH	A	SA-1221111-203			
		SA-1221111-202			
		SA-1221111-202			
		SA-1221111-202			
Tip, Wing, RH	A	SA-1221111-203			
		SA-1221111-202			
		SA-1221111-202			
		SA-1221111-202			
1 Model P210N only					

Kits available for 205, 206, 207 and 210 aircraft

Kit P/N	Kit Description	Part Number	Item Description
20-51-80A	Conical Wing Tip Kit	20-51L-80A	Tip, Wing, LH
		20-51R-80A	Tip, Wing, RH
		20-52L-80A	Tip, Wing, LH
		20-52R-80A	Tip, Wing, RH
SA-1227401-2345 SP	Split Strut Fairing Kit, Fiberglass	SA-1227401-5SP	Fairing, Strut to Fuselage, LH
		SA-1227401-4SP	Fairing, Strut to Fuselage, RH
		SA-1227002-11SP	Fairing, Strut to Wing, LH
		SA-1227002-10SP	Fairing, Strut to Wing, RH
SA-1227402-3456 SP	Split Strut Fairing Kit, Fiberglass	SA-1227402-3SP	Fairing, Strut to Fuselage, LH
		SA-1227402-4SP	Fairing, Strut to Fuselage, RH
		SA-1227002-11SP	Fairing, Strut to Wing, LH
		SA-1227002-10SP	Fairing, Strut to Wing, RH



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 Fiberglass Parts Manufactured By Stone Aviation

 ABS Plastic Parts Manufactured By Texas Aeroplastics

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Cessna 300 and 400 Series Aircraft

								
310, 310P			336, 337, 337A,B,C,D,E,F,G,H, F337E,F,G,H, FT337E,F, P337H, T337G			340, 401, 401A,B, 402, 402A,B,C		
Description		Part Number	Description		Part Number	Description		Part Number
Cap, Nose, Left		GF0851119-1	Fairing, Strut To Fuslg, LH		33-06-LFS	Tip, Stabilizer, Left or Right		GF0832115-1
Cap, Nose, Right		GF0851119-2	Fairing, Strut To Fuslg, RH		SA-1412251-3			
Fairing, Stinger (Tailcone)		GF0831372-1			SA-1521002-1			
Tip, Stabilizer, Left or Right		GF0832115-1	Fairing, Strut To Wing, LH		33-06-RFS			
1 Model 310P S/N 310P0001 thru 310P0094 only			Fairing, Strut To Wing, RH		SA-1412251-4			
2 Model 310 only					SA-1521002-2			
			Fairing, Strut To Wing, LH		33-06-LWS			
					SA-1421001-5			
			Fairing, Strut To Wing, RH		SA-1521002-3			
			Tip, Rudder		33-06-RWS			
			Tip Vertical Fin, Lower		SA-1421001-6			
					SA-1521002-4			
			Tip, Vertical Fin, Upper		GF1431001-8			
			Tip, Vertical Fin, Upper LH		SA-1431001-8			
			Tip, Wing, LH		GF1431001-11			
			Tip, Wing, RH		SA-1431001-11			
			3 Models 337, 337A,B,C,D,E,F only		GF1531003-9			
			4 Models 336, 337, 337A,B,C,D,F,G,H, F337E,F,G,H, FT337E,F,P337H,T337G only		SA-1531003-9			
			5 Models 310, 340, 401, 401A,B, 402, 402A,B,C only		GF1431001-10			
			6 Models 337G,H, F337G, P337H,T337G only		SA-1520008-23			
			7 Models 336, 337, F337E,F,G,H, FT337E,F, P337H, T337G only		SA-1520008-24			
			8 Models 337E,F, T337E,F only					
			9 Models 337G,H, T337H only					

Commander 112/114 Series Aircraft Fiberglass parts by Knots 2U

Vertical Fin Tip

114, 114A,B,
114TC S/N 14000-14624
P/N GF44300-3



Tailcone Stinger

114
P/N GF43367-210



Dorsal Fin Tip

112, 114 Series
P/N GF43650-501



Stabilator Tip

112,A,B,TC,TCA
114
P/N GF44324-400
Fits left or right.



Rudder Tip

114,A,B
P/N GF44233-11



Wing Tips

112, 112A, 114
P/N GF142242-17 (Left)
P/N GF142242-18 (Right)



112B, 112TC, 112TCA
P/N GF175009-3 (Left)
P/N GF175009-8 (Right)



Photo courtesy of Lauren Sobkoviak

Go to www.mcfarlaneaviation.com for more details about specific part numbers.

Piper PA-23, PA-24, PA-28-140 thru PA-28-161 Series Aircraft

Tailcone Fairings

Tailcones

PA-28

Upper P/N 60-30
Lower P/N 60-31
One upper and one lower part together constitute one tailcone. Holes for attachment hardware must be drilled by the installer. Not for T-tail aircraft. Hardware not included.
ABS Plastic



Tailcone Assembly (Upper and Lower)

PA-28-140, -150, -151 PA-28-160, -161

P/N RD-0099-00
Pre-assembled with nut plates and stainless steel hardware.
Not for T-tail aircraft.
Fiberglass



Tailcone (Lower)

PA-28-140, -150, -151 PA-28-160, -161

P/N RD-0098-00
Not for T-tail aircraft.
Fiberglass



Tailcone (Upper)

PA-28-140, -150, -151 PA-28-160, -161

P/N RD-0097-00
Not for T-tail aircraft.
Fiberglass



Tail Fairing Bulkhead Assy

Tail Fairing

(Bulkhead Assembly) PA-24-180, -250, -260

P/N GF20804-12
Fiberglass

PA-24-180, -250, -400

P/N GF21605-05
Fiberglass



Wings

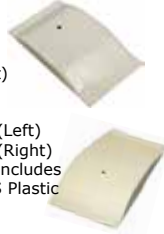
Wing Bolt Covers

PA-28

P/N GF63942-00 (Left)
P/N GF63942-01 (Right)
Fiberglass

P/N 60-63942-00-80A (Left)
P/N 60-63942-01-80A (Right)
Kit P/N 60-63942-80A includes both left and right. ABS Plastic

Heavy duty under wing spar bolt covers.



Wing Tips

PA-28

P/N 60-33L-4-80A (Left)
P/N 60-33R-4-80A (Right)
Kit P/N 60-33-4-80A includes both left and right.
For Piper taper wing aircraft with 4" nav light pad for strobes.

P/N 60-33L-6-80A (Left)
P/N 60-33R-6-80A (Right)
Kit P/N 60-33-6-80A includes both left and right.
For Piper taper wing aircraft with 6" nav light pad for strobes.

ABS Plastic



Wing Tips

PA-28-140, -150, -160

P/N GF78022-00 (Left)
P/N GF78022-01 (Right)
Fiberglass



Wing Tips

PA-28-140, -150, -160

P/N GF62090-00 (Left)
P/N GF62090-01 (Right)
Fiberglass



Wing Tips

PA-23-250

P/N GF32467-00 (Left)
P/N GF32467-01 (Right)
Fiberglass



Wing Root Fairings

PA-23-250

P/N GF32464-00 (Left)
P/N GF32464-01 (Right)
Fiberglass



Nacelle Fairings

PA-23-250

P/N GF32466-00 (Inboard Left)
P/N GF32466-01 (Inboard Right)
P/N GF32471-00 (Outboard Left)
P/N GF32471-01 (Outboard Right)
Fiberglass



Eligibility continued from previous page

Model	Serial Number	Description															
		Part Number	TIP, Stabilator	TIP, Stabilator, Set, RH and LH	TIP, Stabilizer, Left or Right	TIP, Vertical Fin	TIP, Vertical Fin, Rotating Beacon	TIP, Wing, Left	TIP, Wing, Right	TIP, Wing, Left, 4" Nav Pad Only	TIP, Wing, Right, 4" Nav Pad Only	TIP, Wing, Left, 6" Nav Pad Standard	TIP, Wing, Right, 6" Nav Pad Standard				
PA-23-235	All																
PA-23-250	27-1 thru 27-2504																
	27-2505 thru 27-7654001																
	27-7654001 thru 27-7954087																
	27-7954088 thru 27-8154030																
PA-24	All except 24-3335																
PA-24-250	All																
PA-24-260	All																
PA-24-400	All																
PA-28-140	28-20001																
	28-20002 thru 28-7125651																
	28-7125652 thru 28-7225000																
	28-7225001 thru 28-7225684																
	28-7325684 thru 28-7425000																
	28-7425001 thru 28-7725290																
PA-28-150,160	All																
PA-28-151,161	All																

Engine Cowling

Bottom Cowl Scoop Assembly

PA-24-180, -250, -260

P/N GF21143
Not for use on cowl part number 21950-07, 21950-14, 22856-02, 22857-12, 24895-02, 24895-17, or if Carburetor Air Filter Kit 754 285 has been installed.
Fiberglass



Interior

Flap Handle Covers

PA-28

P/N 60-65224-80A
Use for early models with no induction slot or trim wheel slot.

P/N 60-67785-17-80A

Use on later models that have an induction slot and a trim wheel slot in the center.

No labeling or lenses are provided. Trimmed and ready for installation.
ABS Plastic

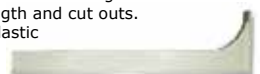


Plastic Floor Trim

PA-28

P/N 60-18

Lightweight trimmable floor covers for rails located on the front floor board, just in front of the pilot and co-pilot seats. Longer than the original to allow trimming for length and cut outs.
ABS Plastic



Piper PA-28 Series Aircraft

Strut and Landing Gear Fairings

Main Wheel Strut Fairings (Forward)

PA-28-181, -236, -201T

P/N GF79892-04 (Left)

P/N GF79892-05 (Right)



Main Wheel Strut Fairings (Aft)

PA-28-181, -236, -201T

P/N GF79892-10 (Left)

P/N GF79892-09 (Right)



Main Wheel Access Panels

PA-28-181, -236, -201T

P/N GF79890-02 (Left)

P/N GF79890-03 (Right)



Main Wheel Shell Assemblies

PA-28-181, -236, -201T

P/N GF79890-00 (Left)

P/N GF79890-01 (Right)



For aircraft s/ns 28-7816001 thru 28-7916228, main landing gear fiberglass wheel and strut fairing replacement kit p/n 763 918 must have been installed per Service Letter 862. New fiberglass fairings are identified by camloc fasteners attaching inner and outer fairing halves together. Obsolete cyclac fairings are identified by screws, washers and nuts attaching inner and outer fairing halves together. Fiberglass

Nose Wheel Pants

(6.00 X 6 Tire)

PA-28-180

P/N K65331-00



Main Wheel Pants

PA-28-180, -235

P/N K65203-00 (Left)

P/N K65203-01 (Right)



Manufactured with high technology resin and cloth for superior weight to strength ratio. Hole locations are dimpled for easy installation. Includes the baffle behind the tire to prevent mud and snow buildup. White primer, ready for paint. Fiberglass

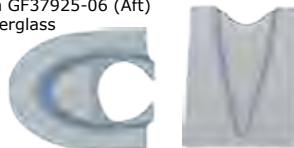
Nose Wheel Strut Fairing Covers

PA-28-181

P/N GF37925-07 (Forward)

P/N GF37925-06 (Aft)

Fiberglass



Nose Wheel Fairing Covers

PA-28-181, -236

PA-28-236

P/N GF37926-03 (Forward)

P/N GF37926-04 (Aft, PA-28-181 only)

Used on aircraft where nose gear fairing incorporates a door assembly in the side of the wheel fairing. Fiberglass



Nose Gear Strut Cover (Aft)

PA-28-201T

P/N GF35832-07

Fiberglass



Nose Wheel Fairing With Door (5.00 X 5 Tire)

PA-28-201T

P/N GF35838-10

Fiberglass



Nose Gear Fairing Assembly

PA-28-181

P/N GF35944-15

Fiberglass



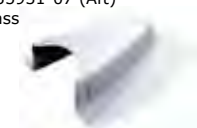
Nose Wheel Strut Fairings

PA-28-236

P/N GF35931-06 (Forward)

P/N GF35931-07 (Aft)

Fiberglass

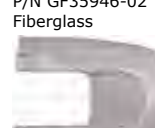


Nose Wheel Fairing Cover (Aft)

PA-28-236

P/N GF35946-02

Fiberglass



Wings

Wing Tips

PA-28

P/N 60-33L-4-80A (Left)

P/N 60-33R-4-80A (Right)

Kit P/N 60-33-4-80A includes

both left and right.

For Piper taper wing aircraft with

4" nav light pad for strobes.

P/N 60-33L-6-80A (Left)

P/N 60-33R-6-80A (Right)

Kit P/N 60-33-6-80A includes

both left and right.

For Piper taper wing aircraft with

6" nav light pad for strobes.

ABS Plastic

Wing Tips

PA-28-180

PA-28R-180, -200

P/N GF62090-00 (Left)

P/N GF62090-01 (Right)

Fiberglass

PA-28-180

PA-28R-180, -200

P/N GF78022-00 (Left)

P/N GF78022-01 (Right)

Fiberglass



Wing Bolt Covers

PA-28

P/N GF63942-00 (Left)

P/N GF63942-01 (Right)

Fiberglass

P/N 60-63942-00-80A (Left)

P/N 60-63942-01-80A (Right)

Kit P/N 60-63942-80A includes

both left and right. ABS Plastic

Heavy duty under wing

spar bolt covers.



Nose Gear Doors

PA-28R-180

PA-28R-200, -201, -201T

PA-28RT-201T

P/N GF67352-00 (Left)

P/N GF67352-01 (Right)

Fiberglass



Indicated year ranges for reference only.

Eligibility for the PA-23, PA-24, PA-28 parts shown on this page is on the previous and following pages.

Superseded P/N	Use P/N
35115-00,10	60-33L-4-80A and 60-33L-6-80A
35115-01,11	60-33R-4-80A and 60-33R-6-80A
35641-00,10,12,14,18,20	60-33L-4-80A and 60-33L-6-80A
35641-01,11,13,15,19,21	60-33R-4-80A and 60-33R-6-80A
36739-02,04,06,08,10,18,22,38,42,44,46,52,53	60-33L-4-80A and 60-33L-6-80A
36739-03,05,07,09,11,19,23,39,43,45,47,54,55	60-33R-4-80A and 60-33R-6-80A
62629-00	RD-0099-00
62629-02	RD-0098-00
62629-03	RD-0097-00
63131-00	60-18
63374-00	K65203-00
63517-00	60-19 or GF63517-00
63584	60-23 or RD-0094-00
63584-00,06,10,14	RD-0094-00
63589-00	RD-0094-00
63942-00	60-63942-00-80A or GF63942-00
63942-01	60-63942-00-80A or GF63942-01
65203-03	K65203-01
65224-02,03,04,05,06,07	60-65224-80A

Superseded P/N	Use P/N
65345-03	60-28 or GF65345-03
66822-07	60-31 or RD-0098-00
66822-08	60-30 or RD-0097-00
66822-09	RD-0098-00
66822-10	RD-0097-00
67785-17	60-67785-17-80A
68421-02,03,04,08,10	60-69596-80A
69569-02,03,05,06,12,14	60-69596-80A
78913-04	GF78913-00
79890-04,43	GF79890-00
79890-05,44	GF79890-01
79890-07,45	GF79890-02
79890-08,46	GF79890-03
99035-03	60-27
99519-02	RD-0095-00
99619-02	RD-0096-00
99621-00	60-24 or RD-0096-00
99621-02	RD-0096-00

Piper PA-28 Series Aircraft

Tail Surfaces

Dorsal Fin Fairing (Forward)

PA-28

P/N 60-24

Long, forward dorsal fin fairing. 35" long forward dorsal fin standard to most single engine Piper aircraft. Not for T-tail aircraft. ABS Plastic



Dorsal Fins (Forward)

PA-28

P/N 60-19

ABS Plastic

PA-28-180

PA-28R-180, -200

P/N GF63517-00

Fiberglass



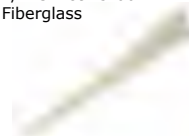
Dorsal Fin (Forward)

PA-28-180

PA-28R-180, -200

P/N GF78913-00

Fiberglass



Dorsal Fins

PA-28-181, -180, -235, -236, -201T

PA-28R-200, -201, -201T

P/N RD-0095-00 Aft

P/N RD-0096-00 Forward

For Piper straight tail models.

Fiberglass



Stabilator Tip

PA-28-235

PA-28R-180, -200

PA-28RT-201, -201T

P/N K2U65300-00

Fits left or right.

Approximate dimensions:

L 30 3/8" x H 12 1/4" x W 3 3/8"

Fiberglass



Stabilator Tip

PA-28-181, -235, -236

PA-28-201T

PA-28R-180

PA-28R-200, -201, -201T

P/N RD-0094-00

Fits left or right.

Fiberglass



Stabilator Tip

PA-28

P/N 60-23

7" deep, not for aircraft with

12" deep tips. Fits left or right.

Not for T-tail aircraft.

ABS Plastic



Vertical Fin Tip

For Rotating Beacon

PA-28-181

PA-28-201T, -235, -236

PA-28R-180, -200

P/N GF65345-03

Fiberglass



Vertical Fin Cap

PA-28

2 1/4" Strobe

P/N 60-27

For the strobe base light or

small beacon. 2 1/4" base

for strobe or small flasher.

ABS Plastic



Lower Rudder Fairing

(No Pos Light)

PA-28RT-201, -201T

P/N GF35885-10

Used on aircraft where rudder

tip tail light **is not** installed.

Fiberglass



Lower Rudder Fairing

(With Light Receptacle)

PA-28RT-201, -201T

P/N GF35885-03

Used on aircraft with rudder

tip tail light installed.

Fiberglass



Vertical Fin Tip

For Rotating Beacon

PA-28-180

P/N GF63514-00

Holds a 3 3/4" diameter

rotating beacon or strobe.

Fiberglass



Vertical Fin Cap

PA-28

3" Strobe

P/N 60-28

For large rotating beacon.

3" diameter opening.

ABS Plastic



Eligibility continued
on next page

Eligibility continued on next page																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Piper PA-28 Series Aircraft

Tailcone Fairings

Tailcone (Upper)

PA-28-180, -181
PA-28-235, -235, -201T
PA-28R-200, -201, -201T
P/N RD-0097-00
Not for T-tail aircraft.
Fiberglass



Tailcone (Lower)

PA-28-181
PA-28-235, -235, -201T
PA-28R-200, -201, -201T
P/N RD-0098-00
Not for T-tail aircraft.
Fiberglass



Tailcone Assembly (Upper and Lower)

PA-28-180, -181
PA-28-235, -201T
PA-28R-200, -201, -201T
P/N RD-0099-00
Pre-assembled with nut plates and stainless steel hardware. Not for T-tail aircraft.
Fiberglass



Tailcones PA-28

Upper P/N 60-30
Lower P/N 60-31
One upper and one lower part together constitute one tailcone. Holes for attachment hardware must be drilled by the installer. Not for T-tail aircraft. Hardware not included. ABS Plastic



Interior

Plastic Floor Trim

PA-28
P/N 60-18
Lightweight trimmable floor covers for rails located on the front floor board, just in front of the pilot and co-pilot seats. Longer than the original to allow trimming for length and cut outs. ABS Plastic



Flap Handle Covers

PA-28
P/N 60-65224-80A
Use for early models with no induction slot or trim wheel slot.
P/N 60-67785-17-80A
Use on later models that have an induction slot and a trim wheel slot in the center.
No labeling or lenses are provided. Trimmed and ready for installation. ABS Plastic



Eligibility continued from previous page

Model	Serial Number	Part Number	GF35944-014	GF35944-15	K65331-00	GF35931-06	GF35931-07	GF35885-10	GF35885-03	60-31	60-30	RD-0095-00	RD-0096-00	GF78913-00	60-18	K65773-00	RD-0099-00	RD-0098-00	RD-0097-00	GF63517-00	60-23	RD-0094-00	K2U65300-00	GF63514-00	GF65345-03	60-33L-4-80A	60-33L-6-80A	GF35115-00	60-33R-4-80A	60-33R-6-80A	GF35115-01	GF62090-00	GF62090-01	GF78022-00	GF78022-01	GF78022-02	GF78022-03			
PA-28-180	28-671 thru 28-1760				•					•	•					•	•	•	•	•	•	•	•	•	•							•	•							
	28-1761 thru 28-3977			•							•				•	•	•	•	•	•	•	•	•	•							•	•								
	28-3978 thru 28-7105244			•						•	•					•	•	•	•	•	•	•	•	•							•	•								
	28-7105245 thru 28-7205000									•	•					•	•	•	•	•	•	•	•	•							•	•								
	28-7205001 thru 28-7205328			•						•	•		•	•		•	•	•	•	•	•	•	•	•								•	•							
	28-7205329 thru 28-7335000			•						•	•		•	•		•	•	•	•	•	•	•	•	•								•	•							
	28-7335001 thru 28-7405000			•						•	•		•	•		•	•	•	•	•	•	•	•	•																
	28-7405001 thru 28-7505260			•						•	•		•	•		•	•	•	•	•	•	•	•	•		•								•	•					
PA-28R-180	28R-30002 thru 28R-30004									•	•					•	•	•	•	•	•	•	•		•							•	•			•	•			
	28R-30005 thru 28R-7130013									•	•					•	•	•	•	•	•	•	•		•							•	•			•	•			
PA-28-181	28-7690001 thru 28-7790000									•	•	•	•			•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•			•	•		
	28-7790001 thru 28-7790626			•						•	•	•	•			•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•			•	•		
	28-7790627 thru 28-7890001									•	•	•	•			•	•	•	•	•	•	•	•				•	•	•	•	•	•	•							
	28-7890001 thru 28-8690062		•	•						•	•	•	•			•	•	•	•	•	•	•	•		•			•	•	•	•	•	•							
	2843001 thru 2890231									•	•	•	•			•	•	•	•	•	•	•	•			•						•								
PA-28R-200	28R-35001 thru 28R-7135238									•	•					•	•	•	•	•	•	•	•		•								•	•						
	28R-7135239 thru 28R-7235000									•	•					•	•	•	•	•	•	•	•		•							•	•							
	28R-7235001 thru 28R-7635545									•	•	•	•			•	•	•	•	•	•	•	•		•								•	•						
PA-28-201T	All															•	•	•	•	•	•	•		•																
PA-28R-201,201T	All												•	•		•	•	•	•	•	•	•			•	•	•	•	•	•	•	•								
PA-28RT-201	28R-7918001 thru 28R-8118092						•	•						•		•	•										•	•	•	•	•	•	•							
	28R-8118093 thru 28R-8218026													•		•	•										•	•	•	•	•	•	•							
PA-28RT-201T	2831001 thru 2831038													•		•	•							•			•	•	•	•	•	•	•							
	28R-7931001 thru 28R-8131229						•	•						•		•	•							•			•	•	•	•	•	•	•							
	28R-8131230 thru 28R-8631005													•		•	•							•			•	•	•	•	•	•	•							
PA-28-235	28-10001 thru 28-10002			•													•									•														
	28-10003 thru 28-10719			•						•	•				•	•	•	•	•					•		•														
	28-10720 thru 28-721000			•						•	•					•	•	•	•					•		•														
	28-721001 thru 28-7210033			•						•	•	•	•			•	•	•	•					•		•														
	28-7210034 thru 28-7310000			•						•	•	•	•			•	•	•	•					•		•														
	28-7310001 thru 28-7310187			•						•	•	•	•			•	•	•	•					•		•														
	28-7310188 thru 28-7710089									•	•	•	•			•	•	•	•					•		•														
PA-28-236	2811001 thru 28-7911000		•							•	•	•				•	•	•	•					•		•	•	•	•	•	•	•	•							
	28-7911001 thru 28-8111080		•							•	•	•				•	•	•	•					•		•	•	•	•	•	•	•	•							
	28-8111081 thru 28-8611008		•			•	•			•	•	•				•	•	•	•					•		•	•	•	•	•	•	•	•	•						

Piper PA-30 thru PA-34 Series Aircraft

Tail Surfaces

Rudder Tip
PA-30, PA-39
P/N GF23595-00
Fiberglass



Rudder Tip
PA-341-200, -200T
P/N GF95907-00
Fiberglass



Elevator Tips
PA-31-300, -310
PA-31-325, -350
P/N GF43741-00 (Left)
P/N GF43741-01 (Right)
Fiberglass



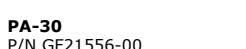
Fin Tip
PA-31-350
PA-31P-350
P/N GF44943-00
Fiberglass



Vertical Fin Tip
(For Rotating Beacon)
PA-32-260, -300, -301, -301T
PA-32R-300, -301, -301T
P/N GF65345-03
Fiberglass



Stabilator Tips
PA-30, PA-39
P/N GF25066



PA-30
P/N GF21556-00

Fits left or right.
Fiberglass



Stabilator Tip
PA-31-300, -310
PA-31-325, -350
P/N GF40364-02
Fiberglass



Stabilator Tip
PA-34-200, -200T, -220T
P/N GF95620-07
Fits left or right.
Fiberglass



Stabilator Tip
PA-32
P/N 60-23
7" deep, not for aircraft with
12" deep tips. Fits left or
right. Not for T-tail aircraft.
ABS Plastic



Stabilator Tip
PA-32-260, -300, -301
PA-32-301T, -301FT, -301XTC
PA-32S-300
PA-32R-300, -301(SP)
PA-32R-301(HP), -301T
PA32RT-300, -300T
P/N RD-0094-00
Fits left or right.
Fiberglass



Dorsal Fins
PA-32-260, -300
PA-32-301, -301T
PA-32-301FT, -301XTV
PA-32R-300, -300T
PA-32R-301(HP), -301T
P/N RD-0095-00 (Aft)
P/N RD-0096-00 (Forward)
For Piper straight tail models.
Fiberglass



Dorsal Fin (Forward)
PA-32
P/N 60-19
ABS Plastic



Dorsal Fin (Forward)
PA-32-260, -300
P/N GF63517-00
Fiberglass



Dorsal Fin (Forward)
PA-32-260, -300
P/N GF78913-00
Fiberglass



Dorsal Fin Fairing (Forward)
PA-32
P/N 60-24
Long, forward dorsal fin fairing.
35" long forward dorsal fin standard
to most single engine Piper aircraft.
Not for T-tail aircraft.
ABS Plastic



Eligibility continued
on next page

Model	Serial Number	Part Number	Description
PA-32-260	32-1 thru 32-720060	GF35838-10	Cover, Nose Wheel Strut, Aft
	32-720061 thru 32-7140086	GF37926-03	Cover, Nose Gear Fairing, Fwd
	32-7140085 thru 32-7200000	GF37926-04	Cover, Nose Gear Fairing, Aft
	32-7200001 thru 32-7800000	GF36559-803 1	Cover, Nose Gear Strut Fairing, Aft
	32-7800001 thru 32-7800008	GF37891-807	Cover, Nose Gear Strut Fairing, Fwd
PA-32-300	32-40000 thru 32-7140086	GF38700-02 3	Cover, Nose Gear Strut Fairing, Fwd
	32-7140087 thru 32-7240000	GF37891-806	Cover, Nose Gear Strut Fairing, Fwd
	32-7240001 thru 32-7840000	GF38700-04 3	Cover, Nose Gear Strut Fairing, Fwd
	32-7840001 thru 32-7940290	GF38682-02 2	Cover, Wing Bolt, Left
PA-32-301	3206001 thru 3206060	60-63942-00-80A	Cover, Wing Bolt, Right
	32-8006002 thru 32-8006116	GF63942-01	FAIRING, Dorsal Fin, Forward
	32-8006117 thru 32-8606023	GF63942-01-80A	FAIRING, Main Gear, LH or RH
PA-32-301T	32-8024001 thru 32-8024062	GF63942-01	FAIRING, Main Wheel Left
	32-8024063 thru 32-8424002	60-19	FAIRING, Main Wheel Right
PA-32R-300	All	60-24	FAIRING, Main Wheel Access Panel, Left
PA-32R-301,R-301T	All	K63338-00	FAIRING, Main Wheel Access Panel, Right
PA-32RT-300,300T	All	K65203-00	FAIRING, Main Wheel Shell, Left
PA-34-200,200T,220T	34-7250001 thru 32-7250370	K65203-01	FAIRING, Main Wheel Shell, Right

1 W/O Door 6.00 X 6 Tire, 1978 and up
2 With 5.00 X 5 Tire
3 Includes PA-32-301 S/Ns 32-8106110, 32-8206050, 32-8306032, 32-8406020 and PA-32-301T S/Ns 32-8124046, 32-8224024, 32-8324016 and 32-842002.

Piper PA-30 thru PA-34 Series Aircraft

Strut and Landing Gear Fairings

Main Wheel Strut Fairings (Forward)

PA-32-260, -300, -301, -301T

P/N GF79892-04 (Left)
P/N GF79892-05 (Right)



Main Wheel Strut Fairings (Aft)

PA-32-260, -300, -301, -301T

P/N GF79892-02 (Left)
P/N GF79892-09 (Right)



Main Wheel Access Panels

PA-32-260, -300, -301, -301T

P/N GF79890-02 (Left)
P/N GF79890-03 (Right)



Main Wheel Shell Assemblies

PA-32-260, -300, -301, -301T

P/N GF79890-00 (Left)
P/N GF79890-01 (Right)



For PA-32-260 s/ns 32-7800001 and up, and PA-32-300 s/ns 32-7840001 thru 32-7940020, main landing gear fiberglass wheel and strut fairing replacement kit p/n 763 918 must have been installed per Service Letter 862. New fiberglass fairings are identified by camloc fasteners attaching inner and outer fairing halves together. Obsolete cycolac fairings are identified by screws, washers and nuts attaching inner and outer fairing halves together. Fiberglass

Nose Wheel Fairings (6.00 X 6 Tire)

PA-32-260, -300, -301FT, -301XTC

P/N GF36559-804 (Forward)
P/N GF36559-803 (Aft)
Used on aircraft where nose gear fairing **does not** incorporate a door assembly inside of the wheel fairing. Fiberglass



Nose Wheel Fairing Covers PA-32-260, -300

P/N GF37926-03 (Forward)
P/N GF37926-04 (Aft, PA-32-260, -300 only)
Used on aircraft where nose gear fairing incorporates a door assembly in the side of the wheel fairing. Fiberglass



Nose Wheel Pants (6.00 X 6 Tire)

PA-32-260, -300
P/N K65331-00



Main Wheel Pants

PA-32-260, -300

P/N K65203-00 (Left)
P/N K65203-01 (Right)



Manufactured with high technology resin and cloth for superior weight to strength ratio. Hole locations are dimpled for easy installation. Includes the baffle behind the tire to prevent mud and snow buildup. White primer, ready for paint. Fiberglass

Nose Wheel Fairing With Door (5.00 X 5 Tire) PA-32-301, -301T

P/N GF35838-10

Used on aircraft where nose gear fairing incorporates a door assembly in the side of the wheel fairing. Fiberglass



Nose Gear Strut Fairings

PA-32-301T

P/N GF38700-02 (Forward)
P/N GF38770-04 (Aft)
Fiberglass



Nose Gear Strut Fairings PA-32-300, -301

P/N GF37891-806 (Forward)
P/N GF37891-807 (Aft)
Fiberglass



Nose Wheel Fairing Covers (5.00 X 5 Tire) PA-32-301, -301T

P/N GF38682-02 (Forward)
P/N GF38682-03 (Aft)
Fiberglass



Nose Gear Fairing With Door (6.00 X 6 Tire) PA-32-300

P/N GF35944-14

Fiberglass



Superseded P/N

35115-00,10	60-33L-4-80A and 60-33L-6-80A
35115-01,11	60-33R-4-80A and 60-33R-6-80A
35641-00,10,12,14,18,20	60-33L-4-80A and 60-33L-6-80A
35641-01,11,13,15,19,21	60-33R-4-80A and 60-33R-6-80A
36559-03	GF36559-803
36559-804	GF36559-804
36739-02,04,06,08,10,18,22,38,42,44,46,52,53	60-33L-4-80A and 60-33L-6-80A
36739-03,05,07,09,11,19,23,39,43,45,47,54,55	60-33R-4-80A and 60-33R-6-80A
62629-00	RD-0099-00
62629-02	RD-0098-00
62629-03	RD-0097-00
63131-00	60-18
63374-00	K65203-00
63517-00	60-19 or GF63517-00
63584	60-23 or RD-0094-00
63584-00,06,10,14	RD-0094-00
63589-00	RD-0094-00
63942-00	60-63942-00-80A or GF63942-00
63942-01	60-63942-80A or GF63942-01
65224-02,03,04,05,06,07	60-65224-80A
65203-03	K65203-01
65345-03	60-28 or GF65345-03
66822-07	60-31 or RD-0098-00
66822-08	60-30 or RD-0097-00
66822-09	RD-0098-00
66822-10	RD-0097-00
67785-17	60-67785-17-80A
68421-02,03,04,08,10	60-69596-80A
69569-02,03,05,06,12,14	60-69596-80A
78913-04	GF78913-00
79890-04,43	GF79890-00
79890-05,44	GF79890-01
79890-07,45	GF79890-02
79890-08,46	GF79890-03
99035-03	60-27
99519-02	RD-0095-00
99619-02, 99621-02	RD-0096-00
99621-00	60-24 or RD-0096-00

Eligibility continued from previous page

Model	Serial Number	Part Number	GF42455-04	GF42455-05	GF42455-02	GF42455-03	GF42455-00	GF42455-01	GF42426-00	GF42426-01	GF35944-014	GF35944-14	K65331-00	GF95907-00	60-31	GF96338-08	60-30	GF96338-04	K78913-07	RD-0095-00	RD-0096-00	GF78913-00	K65773-00	GF67998	RD-0098-00	RD-0097-00	K78912-11
PA-31, 31-300,325,350	All		•	•	•	•	•	•	•	•																	
PA-31P, 31P-350, 31T, PA-31T1,T2,T3	All		•	•	•	•	•	•	•	•																	
PA-32-260	32-1 thru 32-720060												•		•		•						•		•	•	
	32-720061 thru 32-7140086												•							•	•		•		•	•	
	32-7140085 thru 32-7800000												•		•					•	•		•		•	•	
	32-7800001 and On										•	•	•		•		•			•	•		•		•	•	
PA-32-300	32-40000 thru 32-7240000												•		•		•						•		•	•	
	32-7240001 thru 32-7940290										•	•			•		•			•	•		•		•	•	
PA-32-301,301T	All										•				•		•			•	•		•				
PA-32-301FT, PA-32-301XTC	All										•												•				
PA-32R-300	All																			•	•		•		•	•	
PA-32R-301,301T, R-301T	All														•		•			•	•		•				
PA-32RT-300,300T	All																		•				•				•
PA-32S-300	All																						•				
PA-34-200,200T	All													•		•		•					•	•			
PA-34-220T	3433001 thru 3448037															•		•					•				
PA-34-220T	3448038 thru 34-8633031															•		•					•	•			

Piper PA-30 thru PA-34 Series Aircraft

Wings

Nacelle Fairings

PA-31-300, -325, -350

P/N GF42426-00 (Outboard Left)
P/N GF42426-01 (Outboard Right)
P/N GF42455-00 (Inboard Left Top)
P/N GF42455-01 (Inboard Right Top)
P/N GF42455-02 (Inboard Left Forward)
P/N GF42455-03 (Inboard Right Forward)
P/N GF42455-04 (Inboard Left Bottom)
P/N GF42455-05 (Inboard Right Bottom)
Fiberglass

Wing Bolt Covers

PA-32, PA-34

P/N GF63942-00 (Left)
P/N GF63942-01 (Right)
Fiberglass

P/N 60-63942-00-80A (Left)
P/N 60-63942-01-80A (Right)
Kit P/N 60-63942-80A includes both left and right. ABS Plastic
Heavy duty under wing spar bolt covers.

Wing Tips (With Reco Light Cut Outs) PA-31-350

P/N GF55802-12 (Left)
P/N GF55802-13 (Right)
Used if wing tip incorporates both a navigation and strobe light assembly and a recognition light assembly.
Fiberglass

Wing Tips PA-34-200, -200T, -220T

P/N GF62090-00 (Left)
P/N GF62090-01 (Right)
Fiberglass

Leading Edge

PA-31-300, -310, -325, -350

P/N GF43786-00
Fiberglass

Wing Tips PA-32

P/N 60-33L-4-80A (Left)
P/N 60-33R-4-80A (Right)
Kit P/N 60-33-4-80A includes both left and right. Piper taper wing aircraft with 4" nav light pad for strobes.

P/N 60-33L-6-80A (Left)
P/N 60-33R-6-80A (Right)
Kit P/N 60-33-6-80A includes both left and right. Piper taper wing aircraft with 6" nav light pad for strobes.
ABS Plastic

Wing Tips PA-34-200, -200T, -220T

Fiberglass

Tailcone Fairings

Tailcone Upper

PA-32-260, -300

PA-32-301, -301T
PA-32R-300, -300T
PA-32R-301, -301T
P/N RD-0097-00
Not for T-tail aircraft.
Fiberglass

Tailcone Lower

PA-32-260, -300

PA-32-301, -301T
PA-32R-300, -300T
PA-32R-301, -301T
P/N RD-0098-00
Not for T-tail aircraft.
Fiberglass

Tailcone Assembly (Upper and Lower)

PA-32-260, -300, -301, -301T
PA-32R-300, -300T, -301, -301T
P/N RD-0099-00
Pre-assembled with nut plates and stainless steel hardware.
Not for T-tail aircraft.
Fiberglass

Tailcone Upper

PA-34-200

PA-34-200T
PA-34-220T
P/N GF96338-04
Fiberglass

Tailcone Lower

PA-34-200

PA-34-200T
PA-34-220T
P/N GF96338-08
Fiberglass

Tailcones

PA-32

P/N 60-30 (Upper)
P/N 60-31 (Lower)
One upper and one lower part together constitute one tailcone. Holes for attachment hardware must be drilled by the installer. Not for T-tail aircraft. Hardware not included.
ABS Plastic

Interior

Flap Handle Cover PA-32

P/N 60-69596-80A
No labeling or lenses are provided.
Trimmed and ready for installation.
ABS Plastic

Eligibility continued from previous page

Model	Serial Number	Part Number	Description	TIP, Dorsal Fairing	TIP, Elevator, Leading Edge	TIP, Elevator, Right	TIP, Elevator, Left	TIP, Fin	TIP, Rudder	TIP, Stabilator	TIP, Stabilizer, Left or Right	TIP, Vertical Fin, Rotating Beacon	TIP, Wing, Left	TIP, Wing, Right	TIP, Wing, Left, with Reco Light	TIP, Wing, Right, with Reco Light	TIP, Wing, Left, 4" Nav Pad Only	TIP, Wing, Right, 4" Nav Pad Only	TIP, Wing, Left, 4" Nav Pad Std	TIP, Wing, Right, 4" Nav Pad Std	TIP, Wing, Left, 6" Nav Pad Std	TIP, Wing, Right, 6" Nav Pad Std
PA-30	30-2thru 30-1744 except 30-1717 30-1717, 30-1745 thru 30-2000	GF63517-00																				
PA-31-300	31-2 thru 31-4 31-5 thru 31-8312019	GF43786-00																				
PA-31-325	All	GF43741-01																				
PA-31-350	31-5001 thru 31-7305052 31-7305053 thru 31-7852000 31-7852001 thru 31-8553002	GF43741-00																				
PA-31P-350	All	GF44943-00																				
PA-32-260	32-1 thru 32-720060 32-720061 thru 32-7140086 32-7140085 thru 32-7800008	GF23595-00																				
PA-32-300	All	K40363-12																				
PA-32-301	3206001 thru 3206060 32-8006002 thru 32-8106110 32-8106111 thru 32-8606023	60-23																				
PA-32-301FT, PA-32-301XTC	All	GF25066																				
PA-32-301T	32-8024001 thru 32-8124046 32-8124047 thru 32-8424002	GF21556-00																				
PA-32R-300	All	GF40364-02																				
PA-32R-301	3213001 thru 3246999 32R-8013001 thru 32R-8113133 32R-8113134 thru 32R-8613006 3229001 thru 3257999	RD-0094-00																				
PA-32R-301T	32R-8029001 thru 32R-8129124 32R-8129125 thru 32R-8629008	GF5620-07																				
PA-34-200	34-7250001 thru 32-7250370 32-7250371 thru 32-7450220	GF55345-03																				
PA-34-200T	All	60-33L-4-80A																				
PA-34-220T	All	60-33L-6-80A																				
		GF35115-10																				
		60-33R-4-80A																				
		60-33R-6-80A																				
		GF35115-11																				
		GF55802-12																				
		GF55802-13																				
		GF62090-00																				
		GF62090-01																				
		GF78022-00																				
		GF78022-01																				
		GF78022-02																				
		GF78022-03																				

Refer to above eligibility for model PA32R-301 except: P/Ns GF35115-10 and GF35115-11 are approved for S/N 3213098, but not approved for S/N 3213029.

Piper PA-38 thru PA-60 Series Aircraft



High quality direct replacements

Wing tips, tail surface fairings and main gear fairings in fiberglass.

SAVE!!

Superseded P/N	Use P/N
63584-00,06,10,14	RD-0094-00
63589-00	RD-0094-00
77613-02	GF77613-00
78913-04	GF78913-00

Wings

Wing Tips PA-38-112

P/N GF77327-02 (Left)
P/N GF77327-04 (Right)
Fiberglass



Wing Tips (Long Tip, Short Wing) PA-60-601, -601P

P/N GF200038-901 (Left)
P/N GF200038-902 (Right)
Fiberglass



Wing Tips (Short Tip, Long Wing) PA-60-601, -601P

P/N GF200102-901 (Left)
P/N GF200102-902 (Right)
Fiberglass



Wing Bolt Covers PA-44

P/N GF63942-00 (Left)
P/N GF63942-01 (Right)
Fiberglass

P/N 60-63942-00-80A (Left)
P/N 60-63942-01-80A (Right)
Kit P/N 60-63942-80A includes both left and right. ABS Plastic

Heavy duty under wing spar bolt covers.



Nacelle Tip (Aft) P/N GF86298-02

Fiberglass



Tail Surfaces

Stabilator Tip PA-39

P/N GF25066
Fits left or right.
Fiberglass



Stabilator Tip PA-44-180, -180T

P/N RD-0094-00
Fits left or right.
Fiberglass



Dorsal Fin (Forward) P-44

P/N GF78913-00
Fiberglass



Dorsal Fins PA-38-112

P/N GF77606-03 (Upper Forward)
P/N GF77606-08 (Upper Aft)
Fiberglass



Dorsal Fin PA-38-112

P/N GF77607-00
Fiberglass



Vertical Fin Tip (Without Rotating Beacon) PA-60-600, -601, -601P, -602P

P/N GF220021-505
For aircraft without a rotating beacon.
Fiberglass



Vertical Fin Tip (With Beacon Cut-out) PA-60-600, -601, -601P, -602P

P/N GF220021-913
For aircraft with a rotating beacon.
Fiberglass



Horizontal Tip PA-60

P/N GF220021-903
Fits left or right.
Fiberglass



Rudder Fairing (Lower) PA-38-112

P/N GF77613-00
Fiberglass



Model	S/N	Part Number	Description
PA-38-112	All	60-63942-00-80A	COVER, Wing Bolt, Left
PA-39	All	GF63942-00	COVER, Wing Bolt, Right
PA-44-180	All	60-63942-01-80A	FAIRING, Dorsal Fin
PA-44-180T	All	GF63942-01	FAIRING, Dorsal Fin, Aft
PA-60-600	All	GF77607-00	FAIRING, Dorsal, Upper, Fwd
PA-60-601,601P,602P,700P	All	K78913-07	FAIRING, Dorsal, Upper, Aft
		GF77606-03	FAIRING, Main Gear, Left
		GF77606-08	FAIRING, Main Gear, Right
		GF77328-02	FAIRING, Rudder, Lower
		GF77328-03	FAIRING, Tail Cone Tip, w/o receptacle
		GF77613-00	FAIRING, Tail Cone Tip, with receptacle
		K36721-003	FIN, Dorsal Forward
		K86597-02	MOULDING, Wing Root
		GF78913-00	TIP, Horizontal, Left or Right
		K65773-00	TIP, Nacelle, Aft
		GF220021-903	TIP, Rudder
		GF86298-02	TIP, Stabilizer, Left or Right
		GF23595-00	TIP, Vertical, w/o Beacon
		GF25066	TIP, Vertical, with Beacon
		RD-0094-00	TIP, Wing, Left
		GF220021-505	TIP, Wing, Right
		GF220021-913	TIP, Wing, Left, Long Tip, Short Wing
		GF77327-02	TIP, Wing, Right, Long Tip, Short Wing
		GF77327-04	TIP, Wing, Left, Short Tip, Long Wing
		GF200038-901	TIP, Wing, Right, Short Tip, Long Wing
		GF200038-902	TIP, Wing, Left, Short Tip, Long Wing
		GF200102-901	TIP, Wing, Right, Long Tip, Short Wing
		GF200102-902	TIP, Wing, Left, Long Tip, Short Wing

Main Gear Fairings

Main Gear Wing Fairings PA-38-112

P/N GF77328-02 (Left)
P/N GF77328-03 (Right)
Fiberglass



Cirrus SR20-SR22 Series Aircraft

Fairing, Nose Gear (Wheel Pant) P/N K15312-001

SR20 S/Ns 1005 thru 1430, 1476 thru 1885 SR22 S/Ns 0528 thru 2437

Nose Gear Landing (Wheel Pant) P/N K26873-001

SR20 S/Ns 1886 and On SR22 S/Ns 2438 and On SR22T S/N All



New!

Beechcraft Aircraft

Wing Tips Tail Surfaces and Miscellaneous

Wing Tips

A23-19, 19A, M19A, B19, 23, A23, A23A, B23, C23, A23-24, A24, A24R, B24R, C24R
P/N GF169-1100-00 (Left)
P/N GF169-1100-01 (Right)
Fiberglass



Wing Tips 76

P/N GF105-1010-00 (Left)
P/N GF105-1010-01 (Right)
Fiberglass



Storm Window Seal (Frameless)

33, 35, 36, 55, 58, 95
P/N ADS1200-17
Custom extruded, conforms to the sealing surface. Includes window seal, seal lube, installation instructions.
Fiberglass

Stabilizer Tips

Fiberglass



Dorsal Saddle B55, E55, 58

P/N GF96-4415-00
Fiberglass



Wing Tips 77

P/N GF108-1700-00 (Left)
P/N GF108-1700-01 (Right)
Fiberglass



Tail Cone (Two Piece)

A23-19, 19A, M19A, B19, 23, A23, A23A, B23, C23, A23-24, A24
P/N GF169-4411-S
Fiberglass



Model	Serial Number	Part Number	Description	SEAL (Storm Window)	TIP, Wing, Left	TIP, Wing, Right	DRAIN COVER, Fuel Sump	FAIRING, Dorsal	FAIRING, Dorsal Fin	FAIRING, Lower Cowl	TAIL CONE	TIP, Stabilizer Left	TIP, Stabilizer Right	TIP, Vertical Stabilizer	FAIRING, Engine Nacelle, Outboard, LH	FAIRING, Engine Nacelle, Outboard, RH	FAIRING, Engine Nacelle, Inboard, LH	FAIRING, Engine Nacelle, Inboard, RH	SADDLE, Dorsal
19A	All	ADS1200-17	SEAL (Storm Window)	•															
A23-19	All	GF105-1010-00	TIP, Wing, Left		•														
B19	All	GF108-1700-00	TIP, Wing, Right			•													
M19A	All	GF169-1100-00	Stabilizer Tips				•												
23	M-2 thru M-554 except M-3	GF105-1010-01	TIP, Wing, Left		•														
	M-3, M-555 thru M-900	GF108-1700-01	TIP, Wing, Right			•													
A23	M-555 and On	GF169-1100-01	Dorsal Saddle				•												
A23A	All	GF169-1100-01	Dorsal Saddle				•												
B23	All	GF169-1100-01	Dorsal Saddle				•												
C23	All	GF169-1100-01	Dorsal Saddle				•												
A23-24, A24R, B24R	All	GF169-1100-01	Dorsal Saddle				•												
A23-A24	All	GF169-1100-01	Dorsal Saddle				•												
C24R	All	GF169-1100-01	Dorsal Saddle				•												
35-33, 35-A33, C33,C33A	All	GF169-1100-01	Dorsal Saddle				•												
35-C33	CD-814 thru CD-1026	GF169-1100-01	Dorsal Saddle				•												
35-C33A	CE-1 thru CE-25	GF169-1100-01	Dorsal Saddle				•												
35-B33	All	GF169-1100-01	Dorsal Saddle				•												
E33,E33A, E33C, F33,F33A,C, G33	All	GF169-1100-01	Dorsal Saddle				•												
35, 35R, A35,B35,C35,D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35,V35A,V35B	All	GF169-1100-01	Dorsal Saddle				•												
36, A36, A36TC, B36TC, G36	All	GF169-1100-01	Dorsal Saddle				•												
50, B50, C50, D50, D50A,B,C,E, E50, F50, G50, H50, J50	All	GF169-1100-01	Dorsal Saddle				•												
95-55	All	GF169-1100-01	Dorsal Saddle				•												
95-A55	TC-191 thru TC-349	GF169-1100-01	Dorsal Saddle				•												
	TC-350, TC-371	GF169-1100-01	Dorsal Saddle				•												
	TC-351 thru TC-370, TC-372 thru TC-379	GF169-1100-01	Dorsal Saddle				•												
95-B55	TC-371	GF169-1100-01	Dorsal Saddle				•												
	TC-372 thru TC-501	GF169-1100-01	Dorsal Saddle				•												
	TC-502 thru TC-1392	GF169-1100-01	Dorsal Saddle				•												
	TC-1393 thru TC-1396	GF169-1100-01	Dorsal Saddle				•												
	TC-1397 thru TC-2456	GF169-1100-01	Dorsal Saddle				•												
95-B55A	TC-371	GF169-1100-01	Dorsal Saddle				•												
	TC-372 thru TC-501	GF169-1100-01	Dorsal Saddle				•												
	TC-502 thru TC-1392	GF169-1100-01	Dorsal Saddle				•												
	TC-1393 thru TC-1396	GF169-1100-01	Dorsal Saddle				•												
	TC-1397 thru TC-2456	GF169-1100-01	Dorsal Saddle				•												
95-B55B	All	GF169-1100-01	Dorsal Saddle				•												
95-C55,95-C55A (Except S/N TE-50	TE-1 thru TE-451	GF169-1100-01	Dorsal Saddle				•												
D55,D55A	All	GF169-1100-01	Dorsal Saddle				•												
E55	All	GF169-1100-01	Dorsal Saddle				•												
E55A	All	GF169-1100-01	Dorsal Saddle				•												
56TC, A56TC	All	GF169-1100-01	Dorsal Saddle				•												
58	All	GF169-1100-01	Dorsal Saddle				•												
58TC	All	GF169-1100-01	Dorsal Saddle				•												
58P	All	GF169-1100-01	Dorsal Saddle				•												
G58	All	GF169-1100-01	Dorsal Saddle				•												
76	All	GF169-1100-01	Dorsal Saddle				•												
77	All	GF169-1100-01	Dorsal Saddle				•												
95, B95, B95A, D95A, E95	All	GF169-1100-01	Dorsal Saddle				•												



Beechcraft

Description	Part Number	Model
Bearing, Main Strut Upper	CA50-810326	1900,1900C,1900D,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bearing, Nose Gear	CA99-820099	C90,E90,F90,99,99A,A65,70,B80,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Bolt, Main Gear	CA101-810090-1	1900,1900C,1900D
Bolt	CA101-810089-1	1900,1900C,1900D,F90,C99,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Bolt	CA101-810090-3	1900,1900C,F90,C99,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Bolt, Main Gear Drag Brace	CA101-810145-1	300,300LW,B300,B300C
Bolt, Main Gear Drag Brace	CA101-810146-1	300,300LW,B300,B300C
Bolt, Nose Gear	CA90-820011-1	C90,E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,1900,1900C,1900D
Bushing	CA101-810014-3	F90,99,99A,A99A,B99,C99,100,A100,B100,200,200C,B200,B200C,B200CT,B200T
Bushing	CA105739X-YN1437	1900,1900C,1900D
Bushing	CA105740X-YK0563	99,99A,A99A,B99
Bushing	CA105740X-YN0520	F90,99,99A,A99A,B99,C99,A100,B100
Bushing	CA115-610019	99,99A,A99A,B99,C99,100,A100,B100
Bushing	CA115-810066-3	F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C,1900,1900C,1900D
Bushing	CA50-524476-1	65,80,A80,88,90,A90,B90,C90,E90
Bushing	CA50-524476-3	65,80,A80,88,90,A90,B90,C90,E90
Bushing	CA99-810064-1	A100,B100,100,B99,200,200T,200C,200CT,F90
Bushing	CA99-810064-3	1900,1900C,1900D,F90,C99,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bushing	NAS77-10-78	1900,1900C
Bushing, Drag Link	CA90-820010-1	C90
Bushing, Gear Door	CA105740X-ZU0260	F90,99,99A,A99,A99A,B99,C99,100,A100,B100,200,200C,B200,B200C
Bushing, Landing Gear	CA99-810060-1	F90,99,99A,A99A,B99,C99,A100,B100
Bushing, Landing Gear	CA101-810014-1	F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200T,200CT
Bushing, Main Drag Link Center	CA114-810038-1	1900,1900C,1900D
Bushing, Main Drag Link in Gear	CA114-810042-1	1900,1900C,1900D
Bushing, Main Drag Link in Gear	CA114-810049-3	1900,1900C,1900D
Bushing, Main Drag Link Center	CA99-810066-1	1900,1900C,1900D,C90,E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bushing, Main Gear	CA115-810064-1	F90,99,99A,A99A,B99,A100,B100,200,200T,200C
Bushing, Main Torque Link Center	CA105740X-YA1625	1900,1900C,1900D,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bushing, Main Torque Link Center	CA105740X-YN0677	1900,1900C,1900D,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bushing, Main Torque Link in Gear	CA101-810024-3	1900C,1900D
Bushing, Nose Attach Lug	CA114-820113-1	1900,1900C,1900D
Bushing, Nose Steering	CA105740X-ZV0312	A90,B90,C90,C90A,E90,F90,99,99A,A99A,B99,C99,200,200T,200CT,A200,A200C,B200,B200C,B200CT,B200T
Bushing, Nose Torque Link Center	CA105740X-YA0630	1900,1900C,1900D,90,A90,B90,C90,E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200C,200T,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C
Bushing, Nose Torque Link Center	CA105740X-YN0625	1900,1900C,1900D,300,300LW,B300,B300C,90,A90,B90,C90,E90,F90,99,99A,A99A,B99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Bushing, Nose Torque Link Center	CA90-810019-1	C90,E90,F90,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C,1900,1900C,1900D
Bushing Nose Upper Torque Link	CA50-810034	1900,1900C,1900D,300,300LW,B300,B300C,90,99,99A,A90,A99A,B90,B99,C90,C99,E90,F90,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Bushing, Steering Roller	CA114-820062-1	1900,1900C,1900D
Bushing, Torque Link	CA45-815013	33,35,36,55,58
Bushing, Torque Link	CA101-810024-5	1900C,1900D
Bushing, Torque Link	CA105740X-YD0160	99,99A,A99A,B99,C99
Carbon Block	CA3026	A90,B90,C90,C90A,E90,F90,99,99A,A99A,B99,C99,100,A100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C,1900,1900C,1900D
Carbon Block Assembly	CA3044	A90,B90,C90,E90,F90,99,99A,A99A,B99,C90A,C99,100,A100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300,300LW,B300,B300C,1900,1900C,1900D
Drag Leg Hook Pins	CA50-810343-5 CA50-810343-7	F90 S/N LA-2 & On, 99,99A,A99A,B99,C99 S/N U-1 thru U-49,U-51 thru U-164,100,A100,B100 200 S/N BB-2 thru BB-733,BB-735 thru BB-792,BB-794 thru BB-828,BB-830 thru BB-853, BB-871 thru BB-873, BB-892,BB893 and BB-912,200T S/N BT-1 thru BT-22, 200C S/N BL-1 thru BL-200CT S/N BN-1, B200 S/N BB-734,BB-793,BB-829,BB-854 thru BB-870, BB-874 B-891, BB-894 thru BB-911, BB-913 thru BB-1157, BB-1159 thru BB-1166, BB1168 thru BB-1192, B200T S/N BT-23 thru BT-27, BT29,BT30,B200C S/N BL-37 thru BL-72, B200CT S/N BN-2-BN-4
Filter & Gasket Kit	CA42370	55,A55,B55,C55,D55,E55,56TC,A56TC,58,58P,58TC,60,A60,B60,A65,70,B80,E95,C90,E90,F90,100,A100,200,200T,200C,99,99A,A99A,B99,C99
Fuel Pump	CA476284E-1	55,A55,B55,C55,D55,E55,56TC,A56TC,58,58P,58TC,60,A60,B60,A65,70,B80,E95,C90,E90,F90,100,A100,200,200T,200C,99,99A,A99A,B99,C99
Nose Attach Lug	CA114-820113-1	1900,1900C,1900D
Seal, Drain Valve	CACCA1269	A55,B55,B55A,C55,C55A,D55,D55A,E55,E55A,58,58A,95-55 (not recommended for use with autogas)
Seal, Drain Valve	CACCA1319	A55,B55,B55A,C55,C55A,D55,D55A,E55,E55A,58,58A,95-55 (not recommended for use with autogas)
Seal, Fuel Cap	CA38241	99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,B300,B300C,1900,1900C,1900D
Seal, Fuel Cap	CA457-98	E90,F90,99,99A,A99A,B99,C99,100,A100,B100,B200,B200C,B200CT,B200T,200,200T,200C,200CT
Seat Foot	CA100-530448-5	C90,C90A,C90(SE),E90,F90,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT
Seat Foot	CA100-530448-7	C90,C90A,E90,F90,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT
Seat Foot	CA50-534436-5	65,80,A80,88,90,A90,99,99A,A99A,B90,B99,C99,100,A100,B100



Beechcraft Continued

Description	Part Number	Model
Stall Switch Assembly	CA450-742N	35-33,35-A33,35-B33,35-C33,35-C33A,E33,E33A,F33,F33A,F33C,G33,H35,J35,K35,M35,N35,P35,S35, V35,V35A, V35B,36,A36,C35,D35,E35,F35,G35
Static Discharger	ESD-3	Various Models - No FAA-PMA Approval
Switch, Mic	CA601-4300	F90,C99,100,A100,B100,200,200T,200C,200CT,300,300LW,B300,B300C
Switch, Mic	CA99-340253-1	1900,1900C,B200,B200C,B200CT,B200T
Torque Link Pin	CA101-810025-1	200, 300 and 1900 Series
Upper Bearing, Main Strut	CA50-810326	F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T,300LW, B300,B300C,300,1900,1900C,1900D
Washer	CA50-105000-3	C90,B200,B200C,B200T,300LW,300,B300,B300C,1900,1900C
Washer, Thrust	CA115-810074	F90,99,99A,A99A,B99,100,A100,B100,200,200T,200C,200CT,B200,B200C,B200CT,B200T
Wiper Blade	CA50-384082	A65,70,B80,C90,E90,F90,99,99A,A99A,B99,C99,100,A100,B100,200,200T,200C,200CT,B200,B200C, B200CT,B200T, 300LW,B300,B300C,300,1900,1900C,1900D
Yoke	CA3025	A90,B90,C90,E90,F90,99,99A,A99A,B99,C90A,C99,100,A100,200,200T,200C,200CT, B200,B200C, B200CT,B200T, 300,300LW,B300,B300C,1900,1900C,1900D

Cessna

Gasket, Fuel Bowl	CAB3-11-1	310,320,335,336,337,340,401,402,404,411,414,421
Pump, Fuel/Alcohol	CA6508092-1A	310Q, 310R, 335, 340, 340A, 401B, 402B, 402C, 404, 414, 414A, 421B, 425, 441, 525, 560, 650
Seal, Fuel Cap	CA38241	525,650,680,750

Dehavilland

Carbon Block Assy	CA4731	HC-6
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Embraer

Back up Ring	CABDS3115-026C	120
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Lear

Bolt, Main Gear	CA2341114-3	24,25,31,35,36,55,60
Bushing	CA2341120-1	23,24,25,28,29,31,35,36,55,60
Bushing	CA2341127-1	23,24,25,28,29,31,35,36,55,60

McCauley Propellers

Carbon Block	CAB5121	This part number is eligible on all make & model aircraft with the following propellers installed: 3GFR34C701,702, 703,4HFR34C754,762,766,768,771,4JFR34C758,5JFR36C1003
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Mooney

Seal, Fuel Cap	CA38241	M20C,D,E,F,G,J
Transducer, Fuel Pressure	CA880007-501	M20J
Transducer, Oil Pressure	CA880008-501	M20J

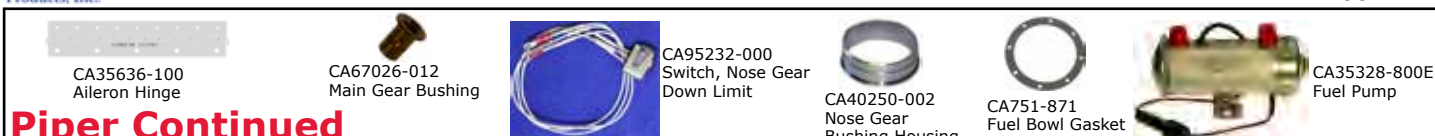
Piper

Aileron Rod	CA62766-000	PA28-140,150,160,180,235, PA28R-180,200
Barrel, Trim	CA63530-100	PA28 Series, PA32-260,300,301,301T,PA32R-300,301,301T PA28-201T S/N 28-7921001 to 28-7921095
Barrel, Trim	CA96596-002	PA34-200,200T,220T
Bearing	CA67026-011	PA28R-200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA44-180,180T
Bearing, Flap	CA452-387	PA28,PA28-140,150,151,160,161,180,181,235,236,201T,PA28R-180,200,201,201T,PA28RT-201,201T, PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA44-180,PA46-310P,350P
Bearing, Main Gear	CA452-575	PA24-180,250,260,400,PA28R-180,200,201,201T,PA28RT-201,201T,PA30,PA32R-300,301,301T,PA32RT, PA34-200,200T,220T,PA39,PA44-180
Bearing, Rod End	CA452-334A	PA28-140,150,151,160,161,180,181,235,236,201T,PA28R-180,200,201,201T,PA28RT-201,201T, PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA34-200,200T,220T,PA44-180,PA46-310P,350P
Bearing, Rod End	CA452-335A	PA23-150,160,235,250,PA28-140,150,151,160,161,180,181,235,236,201T,PA28R-180,200,201,201T, PA28RT-201,201T,PA31P,PA31P-350,PA31T1,2,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T, PA34-200,200T,220T,PA42,PA42-720,1000,PA44-180,PA46-310,350P
Bearing, Rod End	CA452-336A	PA28-140,150,151,160,161,180,181,235,236,201T,PA28R-180,200,201,201T,PA28RT-201,201T, PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA34-200,200T,220T,PA44-180
Bearing, Rod End	CA452-368	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200,200T
Bearing, Rod End	CA452-412	PA24-180,250,260,400,PA31-300,310,325,350,PA42,PA42-720,1000,PA31P-350,PA31P,PA31T,1,2,PA30, PA31-350-T1020,PA39,PA46-301P
Bearing, Rod End	CA452-439	PA23-235,250,250(6),PA28RT-201,201T,PA31-300,310,325,350,PA31-350-T1020,PA31T-1,2,PA31P, PA31P-350,PA32RT,PA42,PA42-720,1000,PA44-180
Bearing, Rod End	CA452-860A	PA46-310P,350P
Bearing, Rod End	CA452-584	PA28-151,161,PA28R-180,200,201,201T,PA32R-300,301,301T,PA32RT-300T,PA34-200T,220T,PA36-285, 300,375, PA44-180



Piper

Description	Part Number	Model
Bearing, Stabilator Hinge	CA452-394	PA28-151,161,181,236,201T,PA28R-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T
Bearing, Stabilator Hinge	CA452-538	PA28RT-201,201T,PA32RT,PA34-200,200T,220T,PA44-180
Bulkhead, Spinner Forward	W35323-012	PA28-151
Bulkhead, Spinner Rear	W587-330	PA28-151
Bulkhead Spinner Forward	CA87325-010	PA28-161
Bumper, Nose Gear Torque Link Ext	CA79072-000	PA28-140,150,151,160,161,180,181,235,236,PA32-260,300,301,301T
Bushing, Main Gear Torque Link	CA20737-040	PA31-300,325,350,PA31-350-T1020,PA31P,PA31P-,350,PA31T,1,2,PA42,PA42-720,1000
Bushing, Nose Gear Torque Link Lower	CA453-903	PA31P-350
Bushing, Main Gear Retract Truss Actuator Attachment	CA63900-089	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200T,220T,PA44-180
Bushing, Outboard Flap Track	CA86102-104	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Center Flap Track	CA86102-105	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Inboard Flap Track	CA86102-106	PA31-300,310,325,350,PA31P,PA31P-350,PA31T,1,2
Bushing, Aileron Center Hinge	CA95061-108	PA28-151,161
Bushing, Nose Gear Torque Link Upper	NAS75-5-011	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Upper	NAS75-6-011	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Center	NAS75-7-011	PA31-300,PA31T-1,2,3-T1040,PA31P,PA31P-350,PA31-350-T1020,PA42-720,1000
Bushing, Nose Gear Retract Brace Upper Attach	NAS75-7-014	PA31
Bushing, Stabilator Trim Linkage	NAS76A3-004	PA34-200,200T,220T
Bushing, Stabilator Trim Linkage	NAS76A3-019	PA34-200,200T,220T
Bushing, Stabilator Trim Linkage	NAS76A3-023	PA34-200,200T,220T
Bushing, Main Gear Attach Trunnion	NAS77-10-094	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1,2,3-T1040
Bushing, Main Gear Retract Brace Upper Attach	NAS77-18-050	PA31P-350,PA42-720,1000
Bushing, Nose Gear Torque Link Center	NAS77-4-042	PA31T-1,2,3-T1040,PA31P,PA31P-350,PA31-350-T1020,PA42-720,1000
Bushing, Elevator Tab Hinge Assy	NAS77-5-019	PA31-300,350,T1020,PA31P-350,PA31T-1,2,3-T1040
Bushing, Nose Gear Torque Link Upper	NAS77-5-042	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Torque Link Center	NAS77-7-035	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-T1040,PA42-720,1000
Bushing, Nose Gear Retract Link to Brace Attachment	NAS77-7-038	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Nose Gear Retract Brace Upper Attach	NAS77-7-040	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Nose Gear Retract Link to Brace Attach	NAS77-7-068	PA31-300,PA31-350,PA31-350-T1020,PA31P-350,PA31T,1,2,3-T1040,PA42-720,1000
Bushing, Main Gear Retract Brace Upper Attach	NAS77-8-038	PA31P-350
Bushing, Main Gear Link to Strut Attach	NAS77-8-044	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1
Bushing, Main Gear Retract Link to Brace Attach	NAS77-8-072	PA31P-350
Bushing, Main Gear Retract Brace Upper Attach	NAS77-8-084	PA31-300,PA31-350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1
Bushing, Cabin Door Mechanism	CA20737-044	PA31-300,310,325,350,PA31-350-T1020
Bushing, Cabin Door Mechanism	CA41413-041	PA31-300,310,325,350,PA31-350-T1020
Bushing, Flap Hinge, Center and Outboard	CA63900-019	PA28-140,150,160,180,235,PA28R-180,200,201,201T,PA28RT-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA44-180
Bushing, Flap Track Inboard, Outboard, Center	CA41413-005	PA31-300,310,350,PA31P,PA31P-350,PA31T-1,2
Bushing, Main Gear Housing Attach	CA20737-023	PA31-300,310,325,350,PA31-350-T1020,PA31P,PA31P-350,PA31T,1,2
Bushing, Main Gear Retract Brace Upper Attach	CA14843-016	PA24-180,250,260,400,PA28R-180,200,201,201T,PA30,PA32R-301,301T,PA32-300,PA32RT,PA34-200,200T,PA39
Bushing, Nose Gear Retract Link to Brace Attach	CA14843-018	PA24-180,250,260,400,PA30,PA39
Bushing, Main Gear Side Brace Stud Brace Attach	CA65003-041	PA28RT-201,201T,PA32R-301,301T,PA34-200,200T,PA44-180
Bushing, Main Gear Brace to Link Attach	CA65003-044	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200,200T,PA44
Bushing, Main Gear Side Brace Stud to Wing Attach	CA67026-012	PA34-200T,PA44-180
Bushing, Main Gear Torque Link Lower	CA43256-002	PA31P,PA31P-350,PA31-300,310,325,350,PA31-350-T1020,PA31T,1,2,PA42-720,1000,PA42
Bushing, Main Gear Housing Attach	CA43256-005	PA31P-350,PA31-300,310,325,350,PA31-350-T1020,PA31T,1,2
Bushing, Nose Wheel Steering Arm Inner	CA63900-109	PA28R-180,200,201,PA28RT-201,PA32R-300,301,301T,PA32RT
Bushing, Nose Wheel Steering Arm Outer	CA63900-122	PA28R-180,200,201,PA28RT-201,PA32R-300,301,301T,PA32RT
Bushing, Nose Gear Retract Link to Housing Attach	CA65003-046	PA28R-180,200
Bushing, Nose Gear Retract Brace RH Upper Attach	CA95061-133	PA32R-300,301,301T,PA32RT-300,300T
Bushing, Nose Gear Retract Brace Upper Attach	CA65003-045	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA44-180
Bushing, Nose Gear Housing Top and Bottom	CA40250-002	PA31-300,310,325,350,PA31-350-T1020,PA31P,PA31P-350,PA31T-1,2,PA42,PA42-720,1000
Bushing, Main Gear Torque Link Upper	CA43256-006	PA23-235,250,250(6),PA31P, PA31P-350,PA31-300,310,325,350,PA31-350-T1020,PA31T-1,2,3,T1040,PA42,PA42-720,1000
Bushing, Nose Gear Retract Idler to Link Attach	CA20737-032	PA31-300,310,325,350,PA31P,PA31P-350,PA31T-1,2,PA42,PA42-720,1000
Bushing, Seat Roller	CA41413-038	PA23-235,250,PA24-260,PA25-150,235,PA31-300,310,325,350,T1020,PA31P,PA31P-350,PA31T-1,2,PA30,PA39,PA42-720,1000
Bushing, Nose Gear Steering Arm Outer	CA14976-102	PA30,PA31-300,310,325,350,PA31-350-T1020,PA39
Bushing, Main Gear Torque Link Spacer Upper & Lower	CA63310-000	PA28-140,150,151,160,161,180,181,235,236,201T,PA32-260,300,301,301T
Bushing, Main or Nose Torque Link Lower Attach	CA67026-007	PA28R-180,200,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA44-180,PA46-310P,350P
Bushing, Nose Gear Torque Link Center	CA77780-005	PA38
Capacitor Assembly, Alternator Output	CA63897-006	PA28-140,151,180,181,R-200,RT-201,RT-201T, PA32-260,R-300,RT-300,301,R301,301T
Fastener, Fuel Cap Cover Door 1/2 Turn	CA26246-000	PA24-180,250,260,PA30,PA32-260,300,301,PA32R-300,301,PA32RT-300,PA39
Filter & Gasket Kit for Bendix Style Electric Fuel Pump	CA42370	PA23,PA23-160,250,250(6),PA24,PA24-250,260,PA28-140,151,161,150,160,180,181,PA28-235,236,PA32-260,PA38-112,PA44-180
Fuel Cap, Thermos Type	CA16097N	PA23-235,250
Fuel Cap, Thermos Type	CA17672N	PA23, PA23-160



Piper Continued

Description	Part Number	Model
Fuel Cap, Thermos Type	CA27221N	PA24-180,250,260,400,PA30,PA39
Fuel Cap Gasket (not recommended for use with autogas)	CA66815-000	PA28-140,150,151,160,161,180,181,201,235,236,201T,PA28R-180,200,,PA28RT-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA34-200,220T,PA38-112,PA44-180,180T
Fuel Pump, Electric	CA35328-800E	PA23,PA23-160,250,250(6),PA24,PA24-250,260,PA28-140,151,161,150,160,180,181,PA38-112
Fuel Pump, Electric	CA65628-800E	PA28-235,236,PA32-260,PA44-180
Gasket, Fuel Strainer (not recommended for use with autogas)	CA462-049	PA28-140,150,151,160,161,180,181,236,201T,PA28R-180,200,201,201T,PA28RT-201,201T,PA38
Gasket, Fuel Strainer	CA751-871	PA24-400,PA28-235,PA32-260,300,PA30,PA39
Hinge, Aileron	62371-108	PA28-140,150,160,180,181,235,236,201T,PA28R-180,200,201,201T,PA28RT-201,201T,PA32-260,300,PA32RT-300,300T,PA34-200
Hinge, Aileron	CA35636-100	PA28-151,161,181,PA28R-201,201T,PA28-236,201T,PA28RT-201,201T
Hinge Pin, Stabilator Tab Outboard	CA62002-002	PA28-140,151,151,160,161,180,181,201,201T,235,236,PA28R-180,200,201,201T,PA28RT-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA44-180,180T
Hinge Pin, Stabilator Tab Center	CA62002-003	PA28-140,151,151,160,161,180,181,201,201T,235,236,PA28R-180,200,201,201T,PA28RT-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA34-200,220T,PA44-180,180T
Hinge Pin, Stabilator Tab Inboard	CA62002-004	PA28-140,151,151,160,161,180,181,201,201T,235,236,PA28R-180,200,201,201T,PA28RT-201,201T,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT-300,300T,PA34-200,220T,PA44-180,180T
Hinge, Tab, Stabilator Outboard	CA63560-002	PA28,PA28R,PA32,PA32R
Hinge, Tab, Stabilator Inboard and Center	CA63560-003	PA28-140,150,151,160,161,180,181,235,236,201T,PA28R-180,200,201,201T,PA32,PA32R
Hinge, Tab, Stabilator Half	CA95864-002	PA34-200,200T,220T
Hinge, Tab, Stabilator Half	CA95866-002	PA34-200,200T,220T
Nose Wheel Axle	CA31797-000	PA23-150,160,250,250(6),PA31-300,310,325 S/N 31-5 to 31-7812120 W/out 763-981 installed
Pitot Heater Element	CA464-356	PA28-151,161
Pitot Heater Element	CA464-357	PA28-151,161
Pitot Heater Element	CA464-440	PA28-161
Pitot Heater Element	CA464-441	PA28-161
Quad Ring, Main Gear Strut	CA484-769	PA28-140,150,151,160,161,180,181,235,236,201T,PA32,PA32-260,300,301,301T
Quad Ring, Nose Gear Strut	CA484-770	PA28-140,150,151,160,161,180,181,235,236,PA32-260,300,301,301T
Ring Scraper, Main Gear Strut	MS28776M2-18	PA28-140,150,151,161,180,181,235,236,PA32-260,300
Seat Roller, Forward	CA87332-002	PA28-140,150,151,160,161,180,181,235,236,PA28R-180,200,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA46-310P,350P
Shaft, Stabilator Trim Jack Screw	CA65246-002	PA34-200,200T,220T
Shaft, Stabilator Trim Jack Screw	CA65246-100	PA28-140,150,151,160,161,180,181,235,236,201T S/N 28-7921001 to 28-7921095, PA28R-180,200,201,201T, PA32-260,300,301,301T,PA32R-300,301,301T
Stall Switch Assembly	CA450-742N	PA23-235,250, PA24-250,260,400, PA28-140,150,151,160,161,180,181,235,236,201T, PA28R-180,200,201,201T,PA28RT-201,201T, PA30, PA31-300,325,350, PA32-260,300, PA32R-300, PA34-200, PA38, PA39
Strut, Alternator Brace	CA78483-000	PA28-150,160,180,235,PA28R-180,200
Switch, LH Main Gear Down Limit	CA67411-002	PA32R,PA34
Switch, Nose Gear Down Limit	CA67411-003	PA28R-180,200,201,201T,PA28RT-201,201T
Switch, RH Main Gear Down Limit	CA67411-004	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T
Switch, LH Main Gear Up Limit	CA67411-005	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301T,PA32RT,PA34-200,200T
Switch, Nose Gear Up Limit	CA67411-006	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT
Switch, RH Main Gear Up Limit	CA67411-007	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200
Switch, LH Main Gear Squat	CA67411-008	PA28R-180,200,201,201T,PA28RT-201,201T,PA32R-300,301,301T,PA32RT,PA34-200,200T
Switch, RH Main Gear Up Limit & Ground Op. Fan	CA67411-020	PA34-200T
Switch, Nose Gear Down Limit	CA67411-021	PA32R-300,301,301T,PA32RT
Swivel Fitting, Cable Attach	CA95232-000	PA34-200,200T
	CA70371-002	PA18,PA18-150,PA22,PA23-150,160,235,250,PA24-180,250,260,400,PA25-150,235,260
Swivel Fitting, Stud Cable Attach	CA70371-003	PA28-140,150,151,160,161,180,181,201,201T,235,236,PA28R-180,200,201,201T,PA28RT-201,201T, PA30, PA30,39,PA31-300,310,325,350,PA31-350,T1020,PA31T,1,2,PA31P,PA32-260,300,301,301T,PA32R-300,301,301T,PA32RT,PA34-200,200T,220T,PA36-285,300,375,PA38,PA42, PA42-720,1000,PA44-180,PA46, PA46-310P,350P
Swivel Fitting, Cable Attach	U70371-000	J3,J5A,J5A-80,J5C(S/N5-784 & UP), PA12,PA12S,PA14,PA24,PA24-250,PA25,PA25-235,260, PA28-140 (TO S/N 28-249999),150,160,180 (TO S/N 28-43771), PA28-235 (TO S/N 11039)
Transducer, Fuel Pressure	CA486-439	PA38-112
Transducer, Oil Pressure	CA486-440	PA38-112
Tube, Nose Gear Strut Inner Lower	CA65280-000	PA28-140,150,151,161,180,181,235,236,PA32-260,300
Universal Joint, Control Wheel Shaft	CA46203-002	PA31-300,310,325,350,350-T1020,31P-350,31T,31T1,31T2
Universal Joint, Control Wheel Shaft For complete eligibility see page 98	CA62834-000 CA62834-802	PA28-140,150,151,160,161,180,181,235,236,PA28R-180,200,201,201T,PA28-160,180 PA32-260,300,301T,PA32R-300,301,301T,PA32S-300,PA34-200,200T,220T

Pratt & Whitney

Bearing, Rod End	CG3011587	See page 42
Fuel Transfer Tube	CA3011155	See page 42
Diaphragm	CA3103346-01	See page 42
Diaphragm	CA3103347-01	See page 42
Fuel Transfer Tube	CA3020030	See page 42
Gasket	CA3118962-01	See page 42
Gasket Fuel Nozzle	CA3029566	See page 42
Gasket Fuel Nozzle	CA3029678	See page 42
Gasket Fuel Nozzle	MS9371-16	See page 42
Retainer Plate	CA3103345-01	See page 42
Shim, Prop Shaft	CA3110998-01	See page 42

SAAB

Bushing	CAIR130986	340 Series S/N 004 thru 999
Bushing	CAIR130988	340 Series S/N 004 thru 999



Create Your Go-Anywhere Adventure! Alaskan Bush Pilot Tested for over 50 Years!

Photo courtesy of F Atlee Dodge Aircraft Service

F Atlee Dodge Complete FAA-PMA Product Line

F. Atlee Dodge Aircraft Services is well known for high quality STC modifications and FAA-PMA products for Piper Super Cubs and Cessna aircraft. Their innovative designs are the result of over 50 years of experience keeping planes flying and productive in the rugged Alaskan wilderness.

- Make your airplane more rugged (**Alaskan Bush Tough!**)
- Improve safety
- Improve Horsepower
- Increase utility
- Decrease weight

**Complete stock
in the lower 48 for
fast, economical
delivery!!**

Weld on Float Fittings Better than cheap copies P/N 3143-12

PA-12, 12S, PA-14

P/N 3143-18

PA-18S-125, PA-18AS-125,
PA-18S-135, PA-18AS-135,
PA-18S-150, PA-18AS-150

Beefy, heavy construction, made
from 4130 alloy steel.

- Used with Aerocet, Bauman,
and EDO floats
- Sold in pairs - FAA-PMA/STC



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Carb Heat Box Longer Life P/N AD15005-00

PA-18 Series aircraft

- Self lubricating bearing for longer
service life
- Manufactured from 304 stainless
steel to prevent corrosion and rust.
- FAA-PMA



Air Filter Dome for PA18-150 Reinforced to go the distance P/N 3281

- Reinforced with a doubler
around the attach hole
- Powder coated white
- FAA-PMA/STC approved



Heavy Duty Muffler for PA18 This muffler will last! P/N 3241

- Heavier 321 stainless steel
 - FAA-PMA/STC approved
- Eliminates 50 hour inspections for AD68-05-01.**

HOT-ROD Muffler for PA18 P/N 3241HR

More Horsepower, increased rate of climb and throttle response!

- **Lower oil and exhaust gas temperatures**
- Larger chamber can and exhaust pipe for better gas flow
- No core or baffling inside to improve flow
- Larger inside diameter lets the engine breathe
- **Direct replacement** FAA-PMA/STC approved
- New shroud, clamps and tailpipe clamp included
- Eliminates AD-68-05-01
- No modification to the cowling required
- Longer tailpipe keeps the airplane cleaner



**More
Horsepower!**

Front and Rear Shoulder Harness Attach Bracket Make your Cub safer!

Front Bracket P/N 3232-1

Rear Bracket P/N 3232-2

FAA-PMA

J-3C, 3F, 3L, J-5A, 5B, 5C,
PA-11, PA-11S, PA-12, PA-12S,
PA-18 Series



Upper and Lower Cowl Channel for PA-18 Series No More Rust or Vibration

Upper P/N 3276

Lower P/N 3277

- Stainless steel - Eliminates rust and vibration
failure
- No pre-drilled holes, allowing for a precise fit.
- Sold individually - 2 upper and 2 lower
required per aircraft
- FAA-PMA



Two Piece Pre-Heat Shroud for PA-18 Makes exhaust inspection easy P/N 3182

- No need to remove the exhaust
stack to remove the shroud.
- Clamps tight over the muffler
- FAA-PMA/STC approved



Muffler Shroud for PA-18 Don't fight the old lock bars! P/N 3236

Quicker and easier to install than
the original.

- Fits tight
- Two Piece
- FAA-PMA/STC approved





Parts Manufactured by F Atlee Dodge for Piper Aircraft



Make sure your Landing Gear can Take the Abuse!



Photo courtesy of Steve Pierce taken at Mile High Cliffs, Wrangell St. Elias National Park, Alaska

Heavy Duty Main Landing Gear 2000 lb gross weight model

PA-18 series and PA-19

Standard Height Gear

1-1/4" axle use P/N 3225-1 (LH) and 3225-2 (RH)
1-1/2" axle use P/N 3225-1A (LH) and 3225-2A (RH)

3" Extended Height Gear

1-1/4" axle use P/N 3284-1 (LH) and 3284-2 (RH)
1-1/2" axle use P/N 3284-1A (LH) and 3284-2A (RH)

The 3" extended landing gear gives more height and prop clearance, which is especially important for sand or gravel landings. FAA-PMA/STC approved.

Powder coat finish. Also available with Epoxy primer, Gloss White or "Wolf Hunter" Black for an additional charge.

Note:

Can be used on models J-3, PA-11, PA-12 and PA-14, but requires another STC modification involving additional parts and welding. Call for more information.



Safety Cables

Don't let a bungee failure cost you an airplane!
P/Ns 2089-12, 2089-18, 3344-12 and 3344-18

PA-12, PA-12S, PA-14
with Std Gear use P/N 2089-12
PA-12, PA-12S, PA-14
with 3" Ext Gear use P/N 3344-12
PA-18 and PA-19 series
with Std Gear use P/N 2089-18
PA-18 and PA-19 series
with 3" Ext Gear use P/N 3344-18

Heavy 1/4" cable will get you home!



Cabane Vee

Alaska tough!
P/N 3166-1 and 3166-2

PA-12, PA-12S, PA-14 use P/N 3166-2
PA-18, PA-18-105, PA-18-125, PA-18-135,
PA-18-A135, PA-18-150,
PA-18-A150 use P/N 3166-1

- Beefed up in the right places
- Tough powder coat finish.
- Available in Gloss White for an additional charge
- 2 sizes - stock and 3" extended gear
- FAA-PMA/STC approved



Main Gear Shock Struts

Heavy duty - but lightweight
P/Ns 3164-1, 3164-2, 3164-3 and 3164-4

PA-12, PA-12S, PA-14,
PA-18, PA-18-135, 150, PA-18-A135, A150
PA-18 with standard landing gear use P/N 3164-1
PA-12, PA-14 with standard landing gear use P/N 3164-2
PA-18 with 3" extended landing gear use P/N 3164-3
PA-12, PA-14 with 3" extended landing gear use P/N 3164-4

- For standard landing gear or 3" extended landing gear
- Sold individually, uses 2 per aircraft
- Powder coat finish. Also available with Epoxy primer, Gloss White or "Wolf Hunter" Black for an additional charge.



Silver Aircraft Ski Spring

Consistent tension regardless of temperature
P/N 2097

J3, PA-11, PA-12, PA-14, PA-18, PA-19, PA-20, PA-22 Series

- Replaces ski bungee
- FAA-PMA/STC approved



Refueling Step

No more step ladders
P/Ns 3190/-10, 3190/-11, 3190/-12

J3C-65, J3F-50, J3F-60, J3F-65, J-3L, J3L-65, J-4,
J-4A, J-4B, J-5A, J5C, PA-11, 12, 14, 15, 16, PA18-
105, 125, 135, A-135, 150, A-150, PA-19, PA-20,
PA-20-115, PA-20-135, PA-22-108, 135, 150, 160

Clamps onto the main gear leg for easier refueling.

- Select part number by landing gear front tube OD:
1.25" OD use P/N 3190/-10
1.375" OD use P/N 3190/-11
1.5" OD use P/N 3190/-12
- Powder coated white, available in "Wolf Hunter" Black for an additional charge
- FAA-PMA/STC approved



Spar Reinforcing Strut Bracket

Spreads out lift strut spar loading
P/Ns 3192-12 and 3192-18

PA-12, PA-14 series use P/N 3192-12
PA-18, PA-19 series use P/N 3192-18

Protrudes out of the wing and attaches to the lift strut, preventing spar flex by reinforcing the front.

- Install during wing maintenance
- Powder coated white - stainless steel construction
- FAA-PMA/STC approved



Main Gear Long Step

Easy clamp-on modification
Much easier cabin entry
P/N 3195

AE-1, HE-1, J3, J4, J5, PA11, PA12, PA14, PA18 and PA19 Series

The Main Landing Gear Long Step is usable on both sides of the aircraft as an entry step or refueling step. Heavy tube with 3 sizes of clamps.

- A must for bush gear and tires
- Alaska tested
- Durable non-skid surface stays on
- Powder coated white for durable corrosion resistance
- Available in "Wolf Hunter" Black for an additional charge
- FAA-PMA/STC approved



Header Tank

Direct replacement for original
sheet metal tank
Front P/N 3169-1A
Rear P/N 3169-2

- PA-18, 18-105, 125, 135, 150, A-150, PA-19
- Heavy-duty welded aluminum
- Light weight
- Eliminates cracking
- FAA-PMA/STC approved



Vented Fuel Cap

Easy removal - No more corrosion
P/N 3267

PA-11, PA-11S, PA-12, PA-12S,
PA-14, PA-18 and PA-19 Series

- Vertical fin on top for easy removal.
- Gasket is included for Avgas
- Eliminates A.D.
- FAA-PMA/STC approved



Firewall, Stainless Steel and Titanium

P/N 8007-01 for Stainless Steel
P/N 8007-02 for Titanium

PA18 series aircraft, PA19 and PA19S

- Replaces P/Ns 12365-003, 12365-005, 12365-007 and 12365-009
- Titanium is 2.8 lbs lighter than stainless steel



Husky Main Landing Gear

Heavy Duty!
P/Ns AD45017-501HD and
AD45017-502HD

A-1, A1A and A1B series
Aviat Husky aircraft

- 1.3 lbs. heavier per side
- Used primarily on aircraft equipped with skis
- Replaces P/Ns 45017-501 and 45017-502



Extended Baggage Kit for PA-18 "150" Series

No welding required - Extends baggage area by almost 3 feet!
P/N 2103

- FAA-PMA/STC approved for most PA-18 aircraft
- Requires PA-18 "150" fuselage or equivalent previously approved 1750 lb gross weight modification at longitudinal station 99.0
- No welding required, may be assembled with blind or solid rivets
- Approximate compartment dimensions: 14" high X 15" wide X 35" deep
- Rated for 20 lbs of baggage



End view

'Weld-In' Extended Baggage Kit for PA-18 and PA-19 Series

Large volume for bulky, light-weight cargo!
P/N F1400-06

- FAA-PMA/STC approved for PA-18 and PA-19 aircraft
- Weld-In modification consisting of steel support frame and support tabs
- Great for storing wing covers, engine blankets, sleeping bags, paragliding sails and more
- Approximate dimensions: 22-1/2" wide at the front X 17-1/2" wide at the back X 43-1/2" deep
- 10 lb maximum load

New!



P/N F1400-06

Inverted Dogleg
Remove

Inverted Dogleg STC for PA-11, PA-12, PA-18 and PA-19 Series

Makes loading baggage easier!
STC SA02436AK

- Relocates the diagonal tube to the upper right corner
- FAA/STC approved for PA-11, PA-12, PA-18 and PA-19 aircraft
- Allows easy access to the aft baggage area from the baggage door
- No more catching your gear when removing it from the extended baggage area
- Longer cargo can be placed at an angle for easier insert/removal through the baggage door

Under Seat Battery Rack for PA-18, PA-19 Series

Easy battery removal
P/N 3304

- Mounts under front seat for easy removal and warm-up of battery.
- Uses FAA-PMA Battery P/N 0769-4005
- FAA-PMA/STC approved

Saves 15 Pounds!



Lightweight Dry Battery - 680 Amps

Superior vibration resistance
P/N 0769-4005

- Big power in a little box
- Leak proof, high G rated
- 12 year design life and 6 to 10 year service life
- Required with under seat battery rack P/N 3304
- FAA-PMA

Saves 15 Pounds!



Rear Seat Heater for PA18 Series

A must for winter flying - Alaska proven!
P/N 3175

- Heater modification using warm exhaust heat to heat back seat
- Requires some modification to the firewall
- Log book entry only - no FAA 337 form required
- Complete with firewall valve and control
- FAA-PMA/STC approved



Folding Front Seat Kit for PA-18, PA-19 Series

Makes entry and loading much easier!
P/N 3186

FAA-PMA/STC



Aircraft Tie-Down Brackets for PA-12, PA-18 Series

Prevents failure at the lift strut attach point
P/N 3197

- Designed to take the load off the attach point.
- Sold individually
- Uses 2 per aircraft
- FAA-PMA/STC approved



Cargo Tie Downs

Secure your cargo
FAA-PMA

P/N TDP-31
Piper PA31, PA31-300, PA31-325, PA31-350, PA31P, PA31P-350, PA31-T, PA31-T1, PA31-T2 and PA31-T3 series

- Clamps to seat rails to provide tie down points to secure cargo.
- 4 req. for every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC approved

Note: This product is not to be used as a seat stop.



Removable Rear Seat Crossbar

Makes loading easy
P/N 3146-1

- PA-18-105, 125, 135, 150, PA-18S-105, 125, 135, 150, PA-19S, PA-19
- FAA-PMA/STC approved
- Installation instructions, pins, and blocks included



Pilot Seat Belt Attachment Kit

Weld on front seat belt attach kit!
P/N 3246

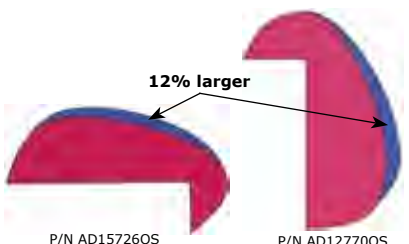
- PA11, PA11S and PA18 series aircraft
- Relocates seat belts to floorboard
- Secures pilot to fuselage in the event of an accident.
- FAA-PMA



Overize Rudders and Elevators

Increased control authority!
P/N AD157260S (elevator)
P/N AD127700S (rudder)

- PA-12, PA-12S, PA-14, PA-18 Series, PA-19S
- Approximately 12% larger
- Powder coated grey with bushings installed
- FAA-PMA/STC approved



P/N AD157260S

P/N AD127700S

Brake Reinforcing Channel for PA-18 Series

No more cracking!
P/N 4231

- Made with 4130 steel for durability
- Located underneath the brake system and the front seat. The brake pedal is attached to the brake channel.
- FAA-PMA/STC approved



Aluminum Oil Cooler for PA18, PA22 Series

Save weight and money!
P/N 8000328

- The only aluminum Super Cub oil cooler
- FAA-PMA

Save 3.7 lbs!



Strobe Light Mounting Bracket for PA-18, PA-19 Series

P/N 2087
For use with small Whelan strobe lights
FAA-PMA/STC approved





Parts Manufactured by F Atlee Dodge for Cessna Aircraft



Photos courtesy of Henry Brown, Bob & Ruthie Warner and Dave Hayden, members of the International 180-185 Club

Cargo Tie Downs

Secure your cargo

TDC-208

FAA-PMA

Caravan 208, 208A, 208B use P/N TDC-208

Clamps to Cessna seat rails to provide tie down points to secure cargo.

- 4 required for every 100 lbs of cargo
- Anodized aluminum for durability
- FAA-PMA/STC approved



Note: This product is not to be used as a seat stop.

V-Brace

Stainless Steel

P/Ns 180VBE and AD1242001-18

FAA-PMA

180, 180A, 180B use P/N 180VBE
206, U206, T206A-G, U206A-G and
207, T207 use P/N AD1242001-18



Boot Cowl Handle

Slightly larger to accommodate gloves!

P/N 3354H

180H,J, A185E,F
U206/TU206A,B,C,D,E,F,G, P206/TP206A

- Undrilled
- May not match up with existing bolt pattern due to alternate styles used by OEM.
- Replacement for P/N 0713191-1
- FAA-PMA

Boot Cowl Step

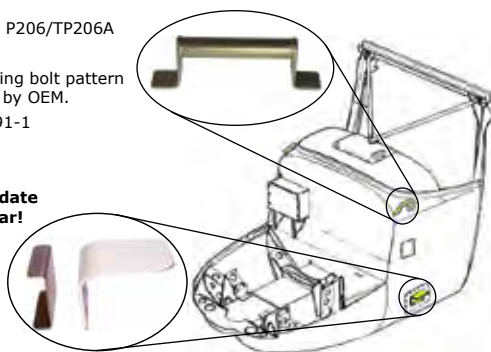
Slightly larger to accommodate

hunting and fishing footwear!

P/N 3354S

U206/TU206A,B,C,D,E,F,G
P206/TP206A

- Undrilled
- White powder coating
- 2 per aircraft
- Direct replacement for P/N 124022-5
- FAA-PMA



P/N 3354D

Doubler P/N 3354D is a convenience item useful for reinforcing the mounting locations for P/N 3354H and 3354S Boot Cowl Handles and Steps. For mounting locations that do not have enough clearance for the doubler the installer must rely on existing stringers, other existing structure, and/or a custom fabricated doubler. It is up to the installer to verify the structural integrity of the attachment.



Tailpipes

Heavier duty and longer to keep exhaust away from airplane!

FAA-PMA

New!



Aircraft Model

210-5 (205), 210-5A (205A)
206, U206, U206A,B,C,D,E,F,G
P206, P206A
P206B,C,D,E
207, 207A, T207, T207A
210C,D,E,F,G,H,J,K,L,M,N,R

Part Number	AD1242013-1 LH Seaplane	AD1242013-2 RH Seaplane	AD1250256-7 LH Landplane	AD1250264-6 RH Landplane	AD1254004-3 LH Assembly	AD1254004-4 RH Assembly
AD1250256-7						
AD1250264-6						
AD1242013-1						
AD1242013-2						
AD1254004-3						
AD1254004-4						

Rudder Pedal Shaft

P/N AD0411778-2

FAA-PMA

New!

1/2 of Cessna Price!

Aircraft Model

140A
150, 150A, F150, FA150
152, A152, F152, FA152
170, 170A,B
172, 172A,B,C,D,E,F,G,H,I,J,K,L,M,N,P
F172D,E,F,G,H,I,J,K,L,M,N,P
F172R, P172, R172E,F,G,H,K, FP172, FR172
175, 175A,B
180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N, 182P,Q,R
A182, F182, FR182, R182, TR182
185, 185A,B,C,D,E, A185E,F
P206, P206A,B,C,D,E
206H, T206H
207, T207
210, 210A,B,C,D,E,F,G,H,J,K, T210G,H,J

Engine Mount Heat Shield

Stainless steel for longer service life

P/N AD1250918-2

FAA-PMA

New!

4 per aircraft

• FAA-PMA

Save!

Aircraft Model

U206A,B,C,D,E,F,G, P206A,B,C,D,E
TU206A,B,C,D,E,F, TP206A,B,C,D,E
207,207A, T207, T207A
210K,L,M,N,R
P210N, T210G,H,J,K,L,M,N,R

Engine Mount Bonding Strap

P/N AD0750137

4 per aircraft

• FAA-PMA

New!

1/3 of Cessna Price!

Aircraft Model

180, 180A,B,C,D,E,F,G,H,J,K
182, 182A,B,C,D,E,F,G,H,J,K,L,M,N,P, 182Q,R, T182
185, 185A,B,C,D,E, A185E,F
188, 188A,B, A188, A188A
210-5 (205), 210-5A (205A)
210, 210A,B,C,D,E,F,G,H,J,K,L,M,N,R
P210N,R, T210F,G,H,J,K,L,M,N,R

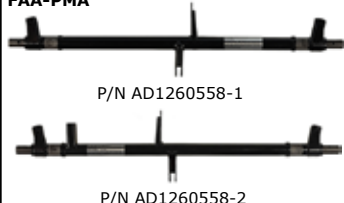
Rudder Pedal Bar

Avoid risk of costly damage during assembly

P/Ns AD1260558-1 (LH) and AD1260558-2 (RH)

Each bar includes 2 ea. P/N S1003-43A bearings and 1 ea. P/N 1260419-1 tube pre-assembled. This avoids damage commonly caused while pressing the bearings during installation.

FAA-PMA



P/N AD1260558-1

P/N AD1260558-2

Aircraft Model	Part Number	AD1260558-1	AD1260558-2
210-5 (205), 210-5A (205A)		•	•
206, U206G, TU206G		•	•
206H, T206H		•	•
207A, T207A		•	•
210M,N,R, T210M,N,R, P210		•	•



Folding Rear Seats

Convert from people to cargo in just a few minutes!
P/N 3187 (includes the left and right seats)

170 thru 170B, 172 thru 172S, 175 thru 175C,
180 thru 180K, 182 thru 182D

P/N 3187-182E (includes the left and right seats)

182E thru 182T, 185 thru A185F

The FAA-PMA/STC approved folding rear seats replace the existing bench seat and increase the flexibility and utility of your airplane. The seats can be independently folded forward, stowed to the side, or totally removed in minutes to allow cargo and passenger configurations.

- Easy access to baggage
- Easier access to the tail cone for maintenance
- Increased payload! About 20 pounds lighter than the original bench seat

Frees wasted space

The original bulky bench seats take nearly twice as much floor space as the compact, yet comfortable folding seats.

- 50% more baggage space
- More leg room

Convenient installation kit

Seats are sold in pairs (left and right) as a kit with all required installation hardware, including mounting tracks that attach to the floor and side door frame. (Seat belts, upholstery, cushioning, and stowage straps/bungees not included.)

Upholster to match your interior

This is not a "jump seat" or "utility seat". You don't have to sacrifice comfort and style. Seats provide room for a cushion and upholstery up to 2 inches thick. Match your interior for an attractive and comfortable finish.



20 Pounds Lighter!



Firewall Mounted Battery Rack

Easier access and less weight!
P/N 8008-01

170 thru 170B, 180 thru 180K, 185 thru A185F

Quick and easy mounting

The Firewall Mounted Battery Rack mounts on the firewall on existing stringers or channels, allowing for quick and easy mounting and easier servicing with no extra support required.

Shorter wiring

With shorter wiring, power loss from long wires is eliminated and starting is improved.

- Better C.G.
- Designed for the Lightweight Dry Cell Battery, P/N 0769-4005
- FAA-PMA/STC approved



Saves 19 Pounds!

Lightweight Dry Battery - 680 Amps

Superior vibration resistance P/N 0769-4005

- Big power in a little box
- Leak proof, high G rated
- 12 year design life and 6 to 10 year service life
- Fits battery rack P/N 8008-01
- FAA-PMA



Saves 15 Pounds!

Heavy Duty Muffler Shroud, LH

Stainless steel shroud for longer life
P/N AD1250250-6

- 206 and 207 Series aircraft
- Direct replacement for OEM shroud
- FAA-PMA



Heavy Duty Seat Back Frame

Heavy Duty - 10 oz. heavier with less tendency to wear out!
P/N 3226

206 Series aircraft

Replaces P/N 1214012-1 and 1214012-4



Entry Step

Stronger & corrosion resistant
P/N 8013-01

170 thru 170B
180 thru 180F
185 thru 185E

The FAA-PMA approved cabin entry seats are made with a reinforced corner, making them stronger than the original. Powder coated white for corrosion resistance.

- Left and right step are universal
- FAA-PMA/STC approved



Landing Gear Box Shims

P/N AD0441023-2
Tapered shim, 2-4 per aircraft

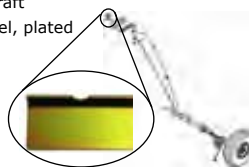
P/N AD0741022-1

.040 shim, use as required

P/N AD0741022-2

.050 shim, use as required

- For Cessna aircraft using leaf spring landing gear
- Used on most Cessna 120 thru 195 series aircraft
- 4130N steel, plated
- FAA-PMA
- Save \$\$\$



Heavy Duty Muffler Shroud

No more cracking or vibration damage!
P/N 4236

- 180 and 185 Series Aircraft
- Only one pound heavier
- Tailpipe outlet doubler spot welded on
- FAA-PMA



Heavy Duty Tailpipe Clamp

Heavier material and cheaper!
P/N AD1250259-1

- 206 and 207 Series aircraft
- Extra doublers to prevent cracking of the attach mounts
- FAA-PMA

Replaces P/N 1250259-1



Exhaust Deflector Assembly

Deflects noise and exhaust gasses away from the aircraft!

P/N 3238
206, U206, P206,
P206B-E, U206A-G



Tailpipe Hanger Assembly

Longer service life for less \$\$
P/N AD1250255-7

U206E,F,G, 210K,L,M,N,R

Mounting bracket and hanger tab are fabricated from thicker material to ensure longer service life.

- Manufactured with 304 Stainless Steel (except for strap)
- 2 per aircraft
- FAA-PMA



Tailpipe Support Assembly

Heavy Duty!

Mounting bracket and hanger tab are fabricated from thicker material to ensure longer service life.

- Manufactured with 304 Stainless Steel (except for strap)
- FAA-PMA

New!

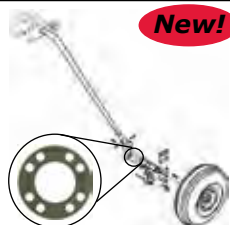
Landing Gear Axle Shim

Tapered shim to adjust axle alignment
P/N AD1941007-1

207, 207A, T207, T207A

- 2 per aircraft
- FAA-PMA
- Save \$\$\$

1/3 of Cessna Price!



Model	P/N	Qty per Aircraft
210-5, 210-5A (205, 205A)	AD1250258-1	4
206, U206A,B,C,D,E, P206A,B,C,D,E	AD1250258-1	4
207, 207A, T207, T207A	AD1254003-1 (LH)	2
	AD1254003-2 (RH)	2
210B,C,D,E,F,G,H,J,K, T210F	AD1250258-1	4



P/N AD1250258-1



P/N AD1254003-1



P/N AD1254003-2

New!

Parts Manufactured by Airforms, Inc.

McFarlane
FAA-PMA Approved

Airforms Complete FAA-PMA Product Line

Airforms is located in the heart of the Alaskan aviation scene. Their products are developed from real world needs of experienced Alaskan bush pilots and operators. All Airforms parts are manufactured using state-of-the-art CAD/CAM technology and CNC equipment combined with exemplary craftsmanship to provide the highest quality product.

Alaska Bush Tough!

AIRFORMS

**Stock in the lower
48 for fast,
economical delivery!!**

Nose Baggage Compartment Cargo Door Up Latch for Cessna 207 Aircraft

No more holding up the door while loading!
P/N AF1213922-1



- Improved strength
- Nickel plated for corrosion resistance
- Precision fit - drop in direct replacement
- Approved for all 207 models

Axles for Cessna Aircraft

Don't lose an airplane because of a broken aluminum axle!

**Now also in
Titanium!**

Steel axle P/N AF1441003-1

- Weighs only 2.28 lbs
- Save hundreds of \$\$

Titanium axle P/N AF1441003-1T

- Reduces weight by 2 lbs per A/C vs. steel axles
- Will not rust



Steel axle
P/N AF1441003-1



Titanium axle
P/N AF1441003-1T

Model	Serial Number
170, 170A,B	18000 thru 27169
180, 180A-H	30000 thru 18052284
182, 182A-S	33000 and On
T182, R182, TR182	1820001 thru R18202041
185, 185A-E, A185E-F	1850001 thru 18504448
206, U206, U206A-G and TU206A-G	206-0001 thru U20607020
P206, P206A-E, TP206A-E	P206-0001 thru P20600647
206H	2068001 and On
T206H	T20608001 and On

Door Latch for Piper Navajo PA-31 Aircraft

Will not deform after extended use!
P/N AF472-004



- Precision wire EDM machined from solid stainless steel
- Precision fit - drop in direct replacement
- Improved wear resistance
- Approved for all PA-31-310, 325 and 350 models with and without extended cargo door.

High Strength Parts for Helio H-295 Courier Aircraft

Parts are manufactured from high strength material and machined from a single billet
Stronger than original welded assemblies!

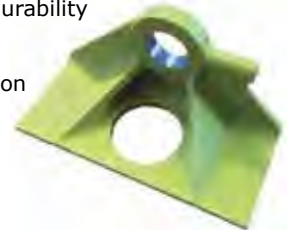
Axle
P/N AF250-040-495

- Cad plated for increased durability
- Precision fit - drop in direct replacement
- Accommodates wheel-ski installation



Stabilator Bracket
Left Hand P/N AF391-022-401-2
Right Hand P/N AF391-022-401-3

- Cad plated and primed for increased durability
- Sold as a match-machined set
- Mounting holes match drill at installation to ensure exact fit



Complete Engine Baffle Kits

Keep your engine cool with new baffle kits!

Airforms is the premier manufacturer of FAA-PMA replacement baffle kits for Cessna, Piper and the Beechcraft Baron.

- 6061-T6 aluminum with black high temperature fiberglass reinforced silicone seals pre-installed (orange or blue seals available as special order for an extra charge)
- Bare aluminum or gray powder coat finish
- Individually interchangeable with factory baffles

Many Improvements:

- Stainless steel brackets where needed
- Hard rivet construction
- 1/2" back plates to secure seals
- Improved fit

Notes:

- If aftermarket components (starter, alternator, exhaust, engine mod, etc) have been installed it is the installer's responsibility to adjust baffles to fit.
- Mounting hardware is not included (nuts, bolts, screws, Tinnerman clips, etc).



See eligibility and figures on the following pages

Eligibility for Airforms Engine Baffle Kits				
Aircraft Model	Serial Number	Bare Aluminum P/N	Powder Coat P/N	Figure
Beechcraft				
95-55, 95-A55	All	B9555-BRBK	B9555-PCBK	1
95-B55	TC-371 and TC-502 and On	B9555-BRBK	B9555-PCBK	1
Cessna				
150D,E,F,G,H,J,K,L,M	All	C150-6470BRBK	C150-6470PCBK	2
A150L,M, FA150L	All	C150-7177BRBK	C150-7177PCBK	3
152*	15279406 thru 15283591	C152-7879BRBK	C152-7879PCBK	4
A152*	A1520735 thru A1520878			
F152*	F15201429 thru F15201673			
FA152*	FA1520337 thru FA1520357			
152*	15283592 thru 15285594	C152-8082BRBK	C152-8082PCBK	5
A152*	A1520879 thru A1521014			
F152*	F15201674 thru F15201928			
FA152*	FA1520358 thru FA1520382			
170A,B*	18730 thru 25372	C170-4955BRBK	C170-4955PCBK	6
170B*	25373 and On	C172A-BRBK	C172A-PCBK	7
172, 172A	All			
172I,K,L,M*	17256513 thru 17261898	C172IKL68-M73-BRBK	C172IKL68-M73-PCBK	8
F172L,M*	F17200805 thru F17201034			
172M*	17261899 thru 17267584	C172M-7476BRBK	C172M-7476PCBK	9
F172M*	F17201035 thru F17201514			
172N*	17267585 thru 17271953	C172N-77795BRBK	C172N-77795PCBK	10
F172N*	F17201515 thru F17201909			
172N*	17271954 thru 17274009	C172N-79580BRBK	C172N-79580PCBK	11
F172N*	F17201910 thru F17202039			
172P, F172P	All	C172P-BRBK	C172P-PCBK	12
172R	17280001 thru 17280697		C172R-9798PCBK	13
172R	17280698 thru 17281233		C172R-9904PCBK	14
172S	17258001 thru 17259770		C172S-98045PCBK	15
177	All	C177-68BRBK	C177-68PCBK	16
180, 180A,B,C,D,E,F,G,H,J,K 182A,B,C,D,E,F,G,H,J,K,L,M,N,P*	32151 and On 34755 thru 18262465	C180182BRBKPKGA 1	C180182PCBKPKGA 1	17
		C180182BRBKPKGB 1	C180182PCBKPKGB 1	
		C180182BRBKPKGC 1	C180182PCBKPKGC 1	
		C180182BRBKPKGD 1	C180182PCBKPKGD 1	
182P*,Q,R* F182P,Q	18262466 thru 18268542 All	C182-7485BRBKPKGG 1	C182-7485PCBKPKGG 1	18
		C182-7485BRBKPKGH 1	C182-7485PCBKPKGH 1	
185, 185A,B,C,D,E, A185E,F	All	C185-BRBKPKGJ 1	C185-PCBKPKGJ 1	19
		C185-BRBKPKGK 1	C185-PCBKPKGK 1	
P206, P206A,B,C,D,E U206B,C,D,E*	All U206-0657 thru U20601604	C206207-BRBKPKGE 1	C206207-PCBKPKGE 1	20
		C206207-BRBKPKGF 1	C206207-PCBKPKGF 1	
		C206207-BRBKPKGI 1	C206207-PCBKPKGI 1	
U206F*, G	U20602200 thru U20607020	C206-7486BRBK	C206-7486PCBK	21
207	20700001 thru 20700268	C206207-BRBKPKGE 1	C206207-PCBKPKGE 1	20
		C206207-BRBKPKGF 1	C206207-PCBKPKGF 1	
		C206207-BRBKPKGI 1	C206207-PCBKPKGI 1	
401, 401A,B, 402, 402A,B,C 414, 414A	All	C401402414-BRBK	C401402414-PCBK	22
Piper				
PA-18 "150"	1809001 thru 1809079	PA18150-BRBK	PA18150-PCBK	23
PA-18 "150"	18-3781 thru 18-8309025			
PA-22-150	22-2425 thru 22-7630	PA22150-BRBK	PA22150-PCBK	24
PA-28-140	28-20002 thru 28-7125471	PA28140-6471.5BRBK	PA28140-6471.5PCBK	25
PA-28-161	All	PA28161-BRBK	PA28161-PCBK	26
PA-28-180	28-1761 thru 28-7205091	PA28180-6572.5BRBK	PA28180-6572.5PCBK	27
PA-28-181	2890001 thru 2890205	PA28181-2BRBK	PA28181-2PCBK	28
PA-28-181	28-7690001 thru 28-8690056			
PA-28-181	28-8690061 and 28-8690062			
PA-28-181	2843001 thru 2843999	PA28181-3BRBK	PA28181-3PCBK	28
PA-28-236	All	PA28236-BRBK	PA28236-PCBK	29
PA-28R-200	28R-35001 thru 28R-35820	PA28R200-BRBK	PA28R200-PCBK	30
	28R-7135001 thru 28R-7135229			
PA-28R-201	All	PA28R201-BRBK	PA28R201-PCBK	30
PA-30	All	PA30-BRBK	PA30-PCBK	31
PA-31-310	31-2 thru 31-822031	PA31310-BRBK	PA31310-PCBK	32
PA-31-325	31-7512001 thru 31-8312019	PA31325350-BRBK	PA31325350-PCBK	33
PA-31-350, PA-31-350 (T1020)	31-7305001 thru 31-8553002			
PA-32-260	32-1 thru 32-1033	PA32260-6568.5BRBK	PA32260-6568.5PCBK	34
	32-1034 thru 32-7800008	PA32260-68.578BRBK	PA32260-68.578PCBK	
PA-32-300	32-7640072 thru 32-7940290	PA32/32R300-BRBK	PA32/32R300-PCBK	35
PA-44-180	All	PA44180-BRBK	PA44180-PCBK	36

1 To determine the part number required see oil cooler configuration with applicable figure.

See figures on the following pages

Figure 1

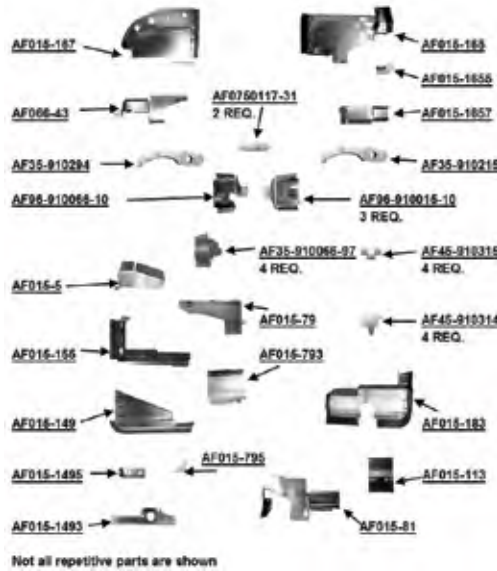


Figure 2

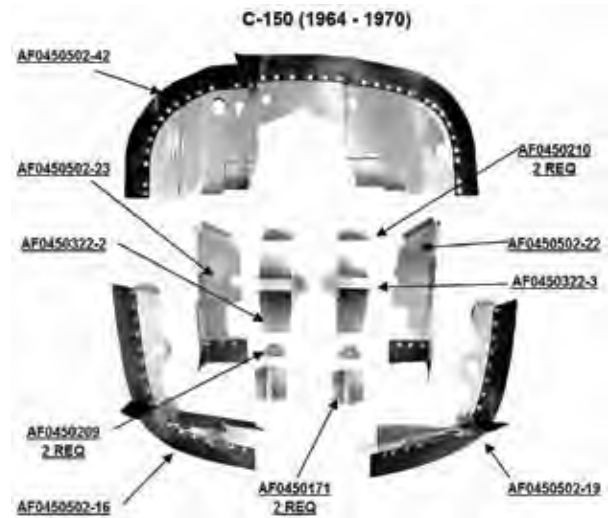


Figure 3

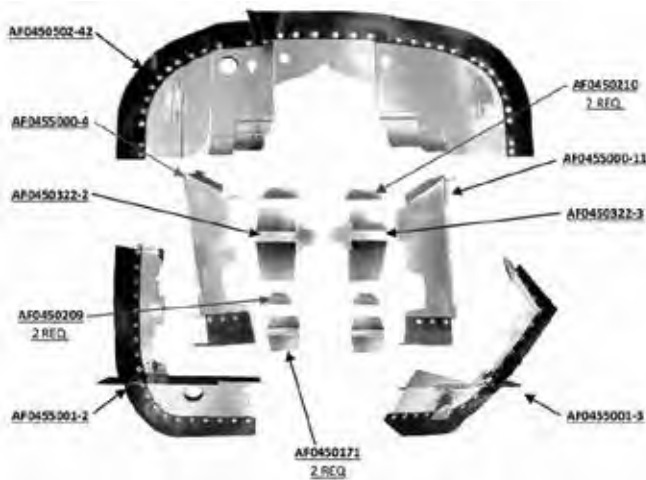


Figure 4



Figure 5

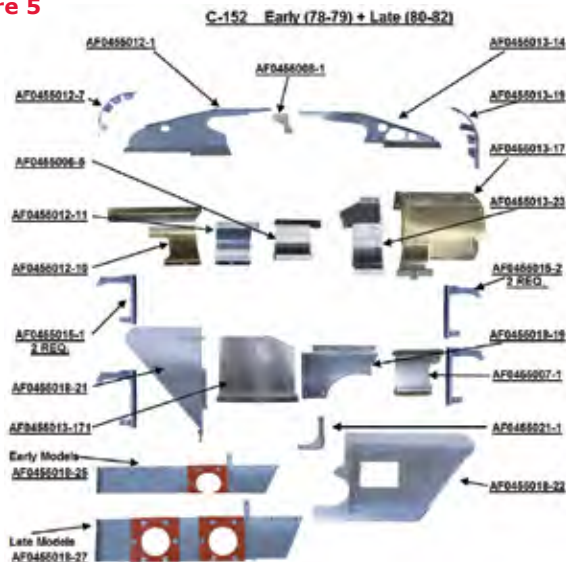


Figure 6

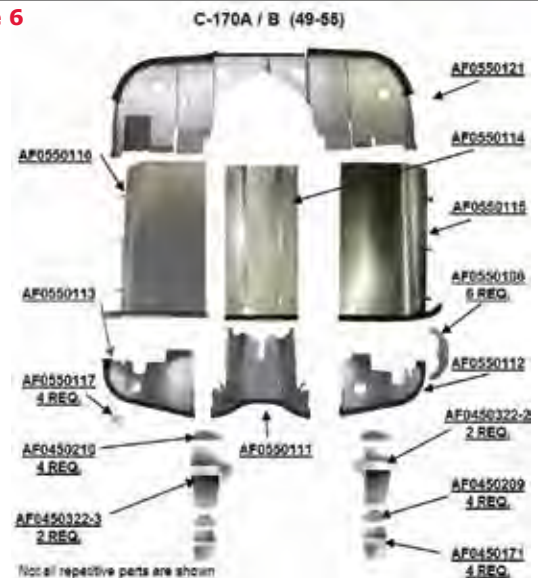


Figure 7

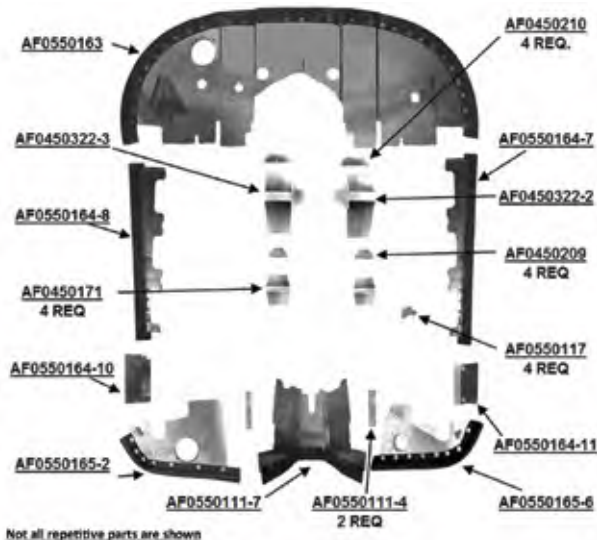


Figure 8



Figure 9

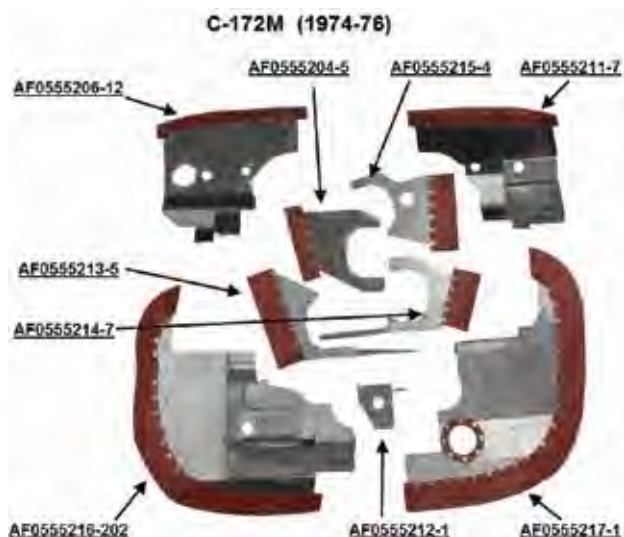


Figure 10

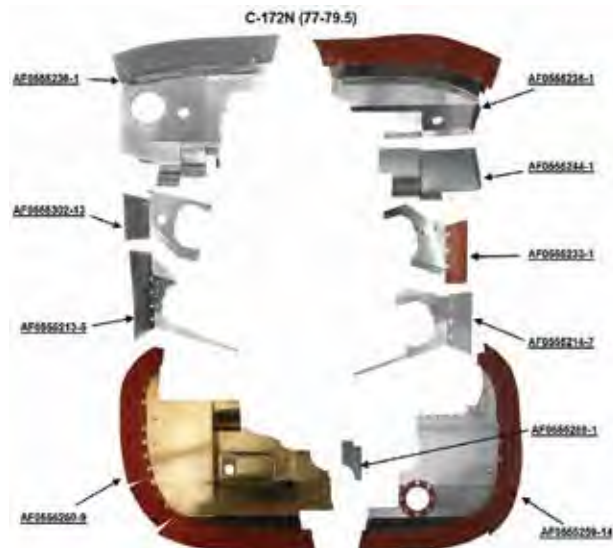


Figure 11

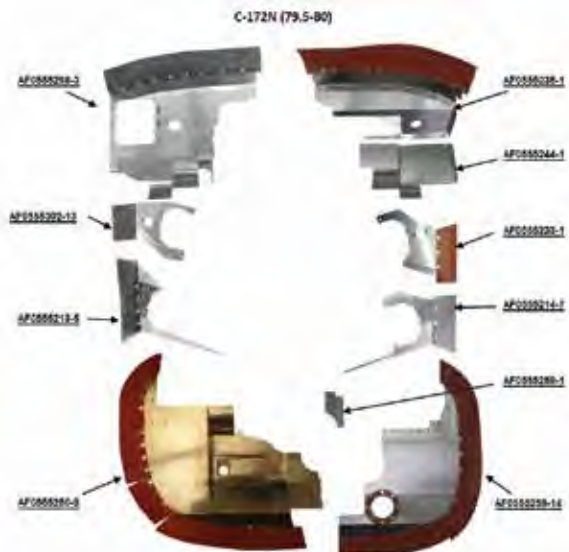


Figure 12

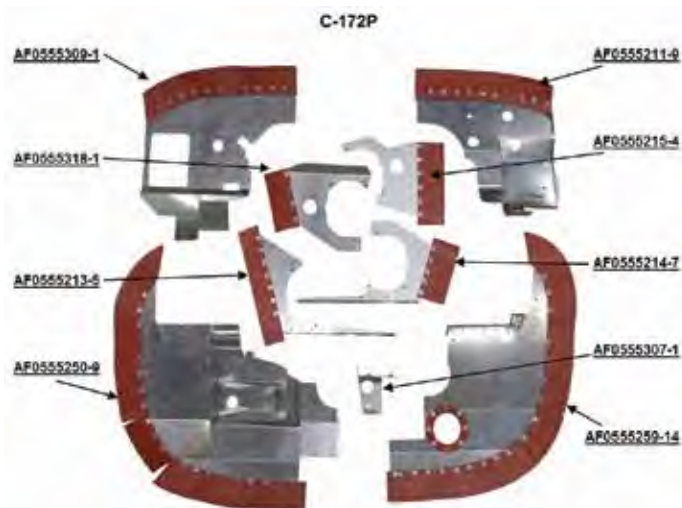


Figure 13

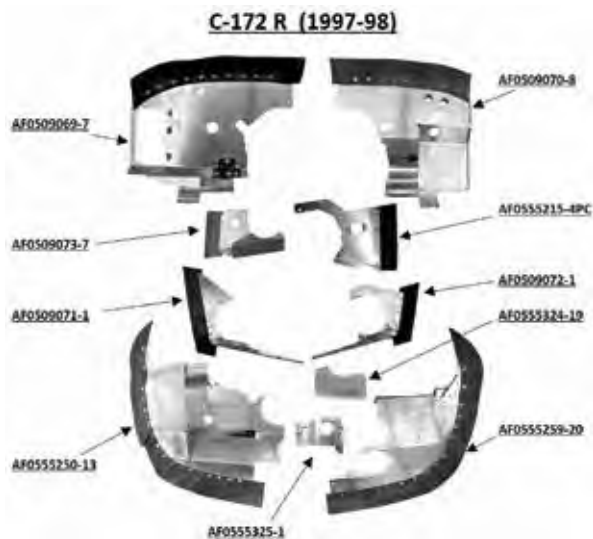


Figure 14

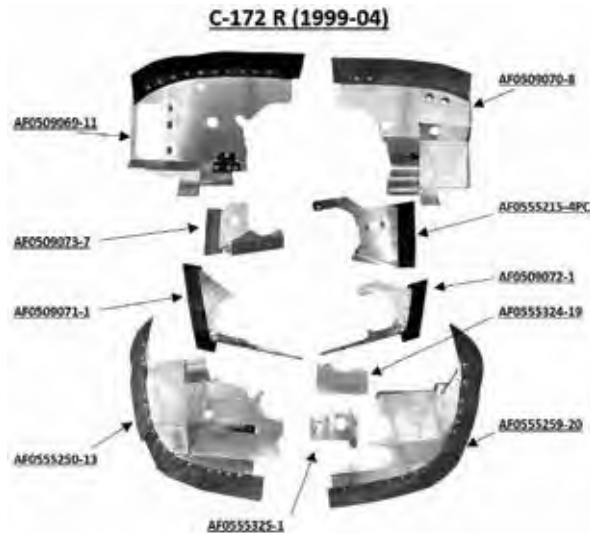


Figure 15

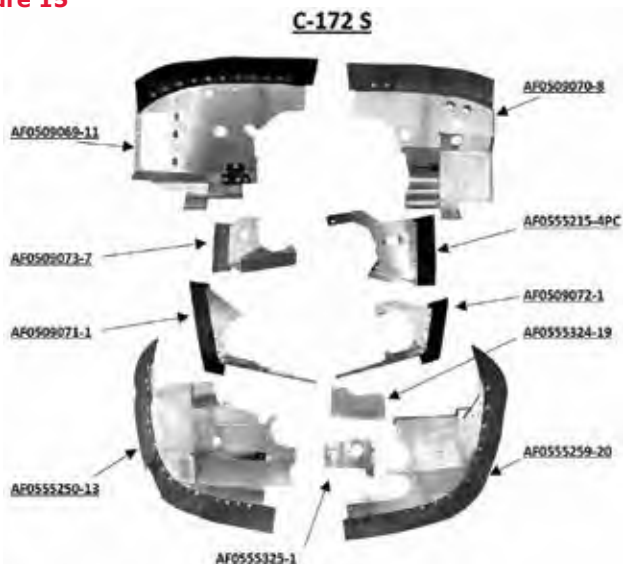


Figure 16

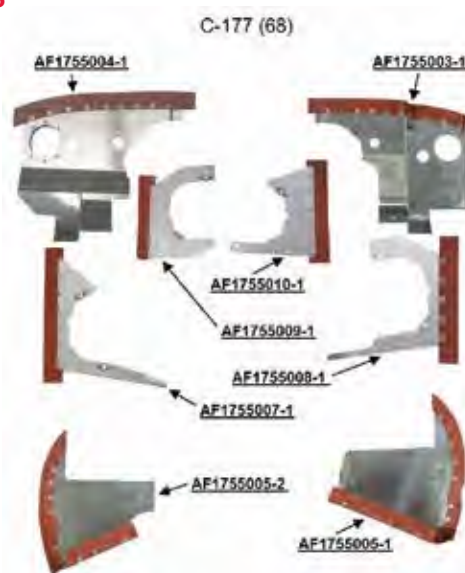
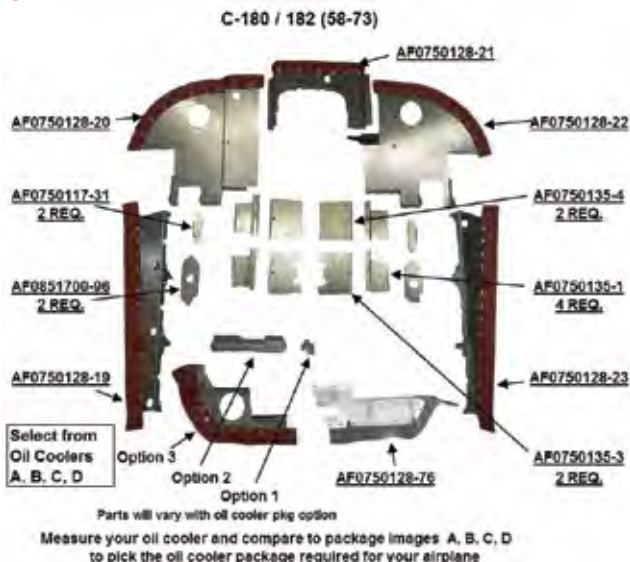


Figure 17



Package A



Package B



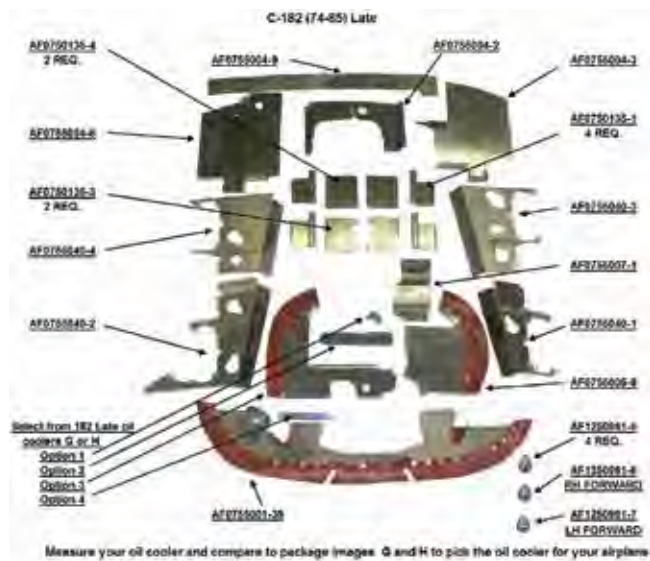
Package C



Package D



Figure 18



Package G



Package H



Figure 19



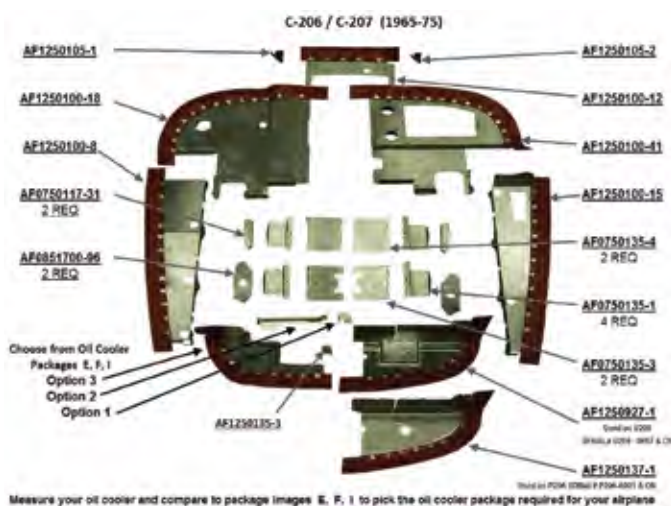
Package J



Package K



Figure 20



Package E



Package F



Package I



Figure 21



Figure 22

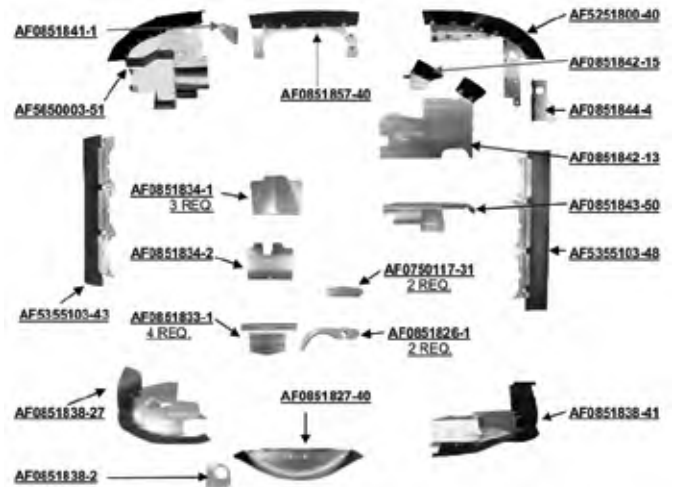


Figure 23

PA-18-150



Figure 24

PA-22-150

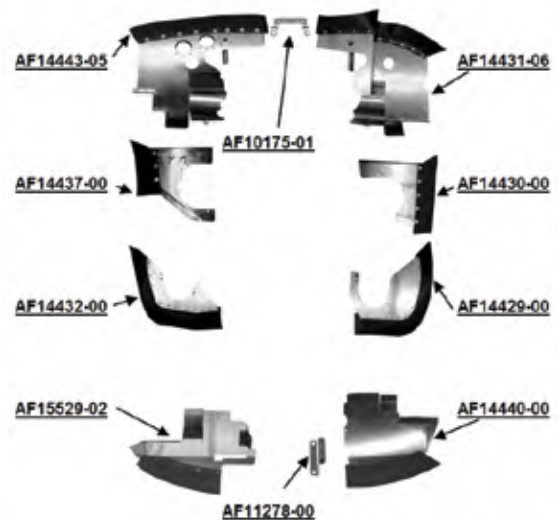


Figure 25

PA-28-140

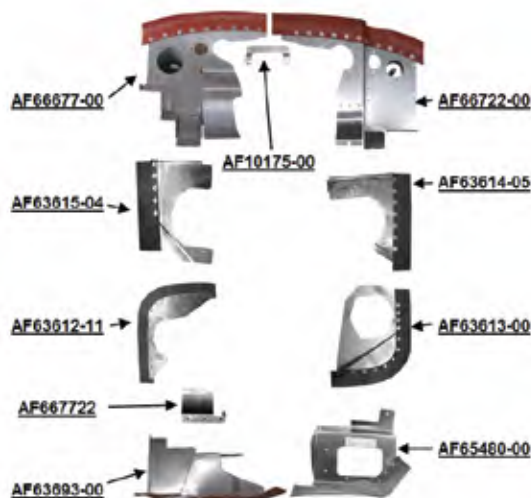


Figure 26

PA-28-161

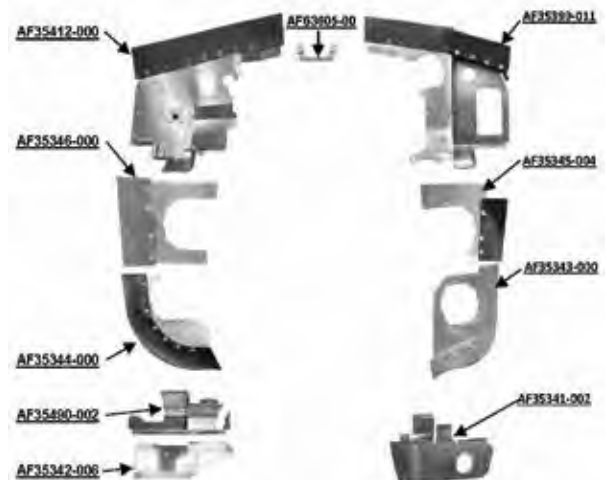


Figure 27

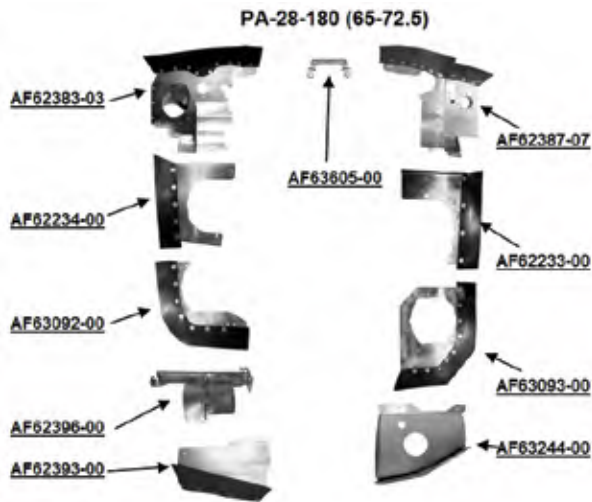


Figure 28

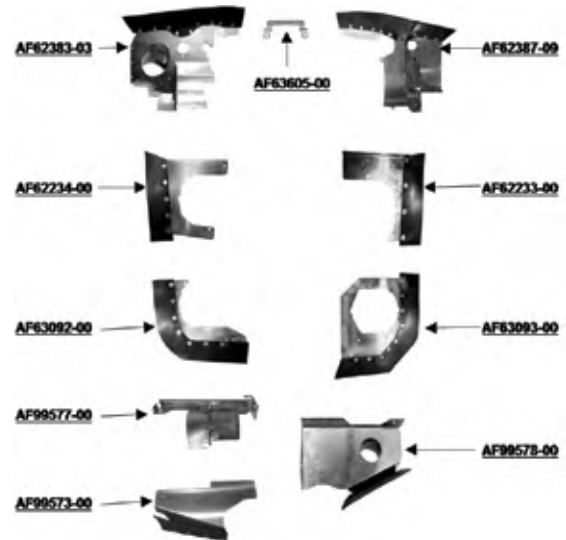


Figure 29



Figure 30

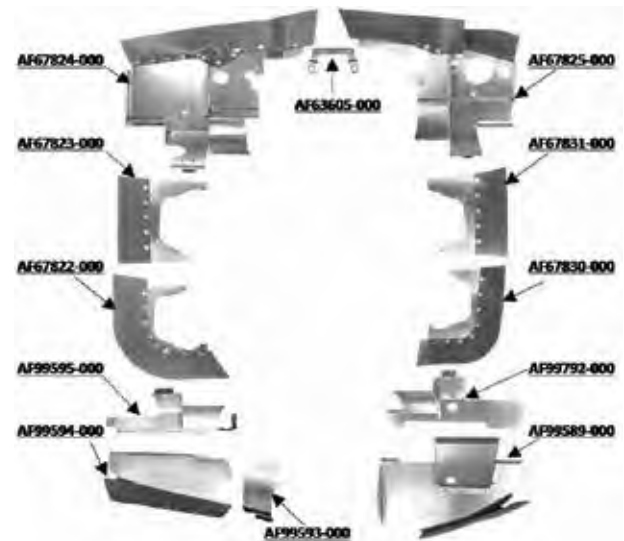


Figure 31

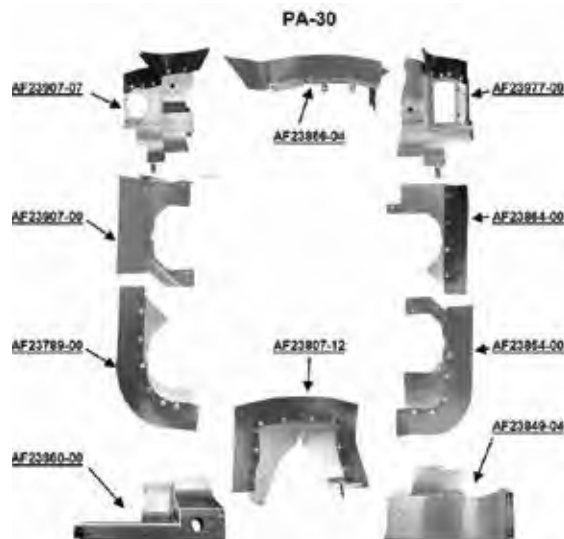


Figure 32

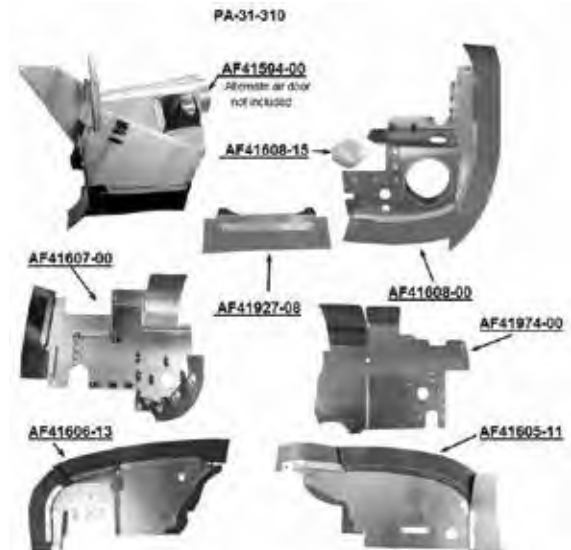


Figure 33



Figure 34

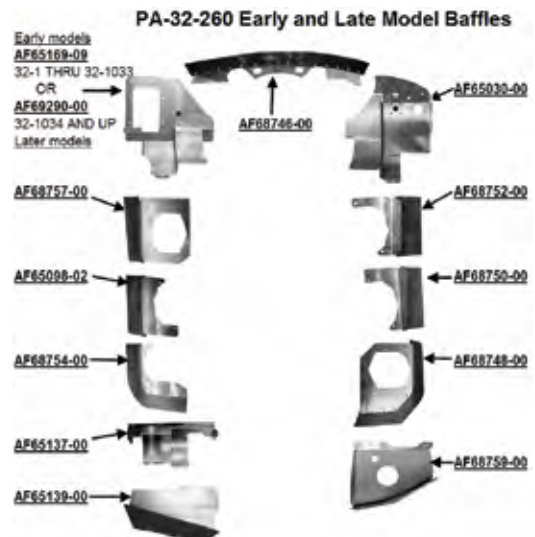


Figure 35

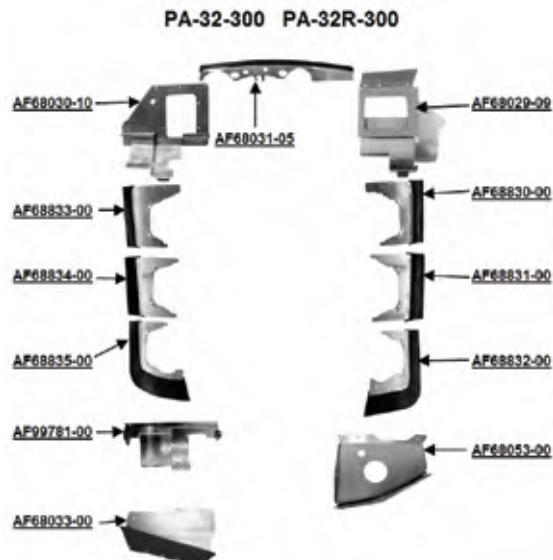
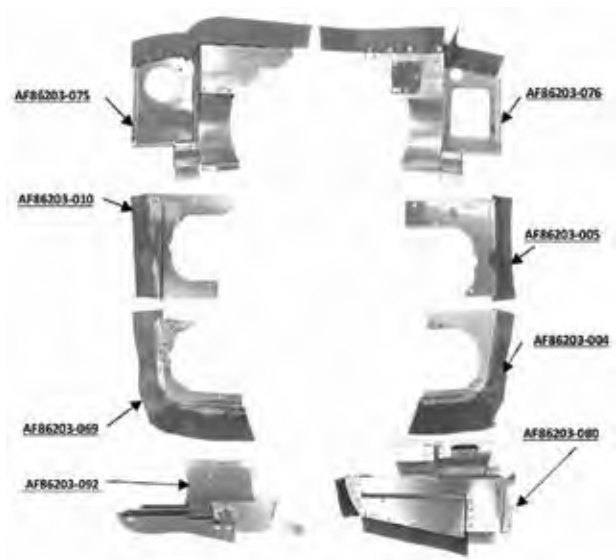


Figure 36



See eligibility on page 186

Parts for Cessna 208 and 208B Aircraft



Oil Cooler Baffle

Reinforced design for longer life
P/N AF2650098-5

- Approved for all 208 and 208B aircraft
- Precision fit - drop in direct replacement
- Increased thickness at critical locations to extend serviceability
- Replaceable low cost seal



Tail Tie Down Handle, Rear

Primed and ready for installation
P/N AF2612035-1

- Approved for all 208 and 208B aircraft
- Precision fit - drop in direct replacement
- Tail stand interface unchanged, works with existing tail stand



Tie-Down Trim Plate

Aluminum instead of plastic for longer life
P/N AF2615118-1

- Approved for all 208 and 208B passenger aircraft only
- Precision fit - drop in direct replacement
- Won't shatter when impacted at low temperatures
- Durable powder coating improves interior fit, finish and longevity



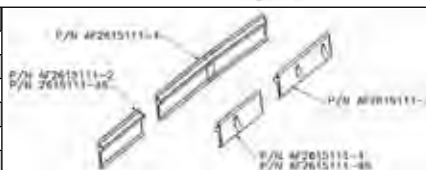
Cabin Heat Vents

Reinforced design for longer life

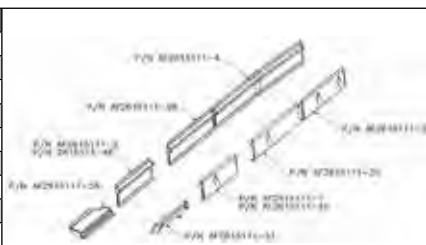
- Replaceable end caps are metal not fragile plastic like the originals
- Precision fit - drop in direct replacement



208 Cabin Heat Vents		
P/N	Description	S/N
AF2615111-1	LH Fwd Center	0001 thru 0312
AF2615111-45	LH Fwd Center	0313 and On
AF2615111-2	RH Fwd Center	All
AF2615111-3	LH Aft	All
AF2615111-4	RH Aft	All



208B Cabin Heat Vents		
P/N	Description	S/N
AF2615111-1	LH Fwd Center	0214 thru 0765
AF2615111-45	LH Fwd Center	0766 and On
AF2615111-2	RH Fwd Center	0214 and On
AF2615111-3	LH Aft	0214 and On
AF2615111-4	RH Aft	0214 and On
AF2615111-25	LH Fwd Aft	0214 and On
AF2615111-28	RH Fwd Aft	0214 and On
AF2615111-31	LH Fwd	0214 and On
AF2615111-36	RH Fwd	0214 and On



■ P/N AF2615111-2 replaces Cessna P/N 2615111-2 and -46.

Nose Gear Torque Link Assemblies

Improved to reduce wear and prevent cracks

P/N AF2643084-1 (Upper)
P/N AF2643084-2 (Lower)

- Approved for all 208 and 208B aircraft
- Hard aluminum surface to reduce wear
- Precision fit - drop in direct replacement
- Designed to prevent cracking in threaded grease fitting holes
- Ready for installation
- Durable powder coating finish

Save!



P/N AF2643084-1 (Upper)

P/N AF2643084-2 (Lower)

Crew Door Panels

Includes retaining straps, fire extinguisher recess, large storage pocket, weight placard and certificate pouch

P/N AF2615180-1 LH

P/N AF2615180-2 RH

- Approved for all 208 and 208B aircraft
- Precision fit
- Color matched to original part
- Direct replacements for P/N 2615180-1 and -2 and the early model P/N 2615054 series door panels
- Brings a modern look and increased utility to your older Caravan



Seat Roller Housing Gauge for Cessna Aircraft

Part Number TOOL110

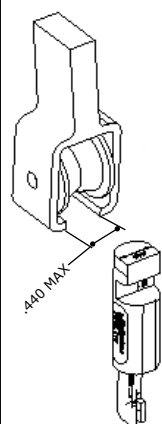
- Hardened Stainless Steel
- Save time! Two times faster than calipers
- Step by step instructions
- Measures all three dimensions

Checks Cessna seat roller housing limits as per FAA AD 2011-10-09

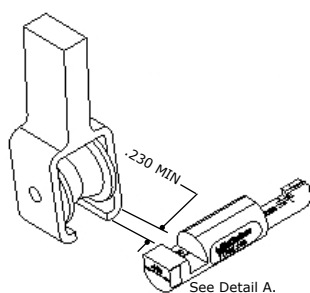
The McFarlane Seat Roller Housing Gauge is designed to facilitate inspection of seat roller housings for wear in Cessna aircraft as required by mandatory FAA AD 2011-10-09. This gauge simplifies determining whether the housing is in or out of tolerance by allowing the areas of concern to be gauged as opposed to measuring each individual attribute on each seat roller housing with calipers.



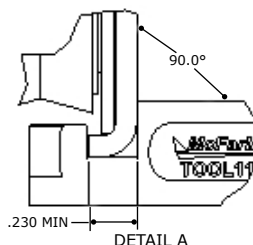
P/N TOOL110



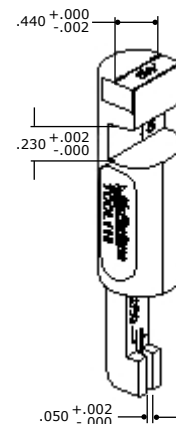
Step 1.
.440 gauge surfaces must not enter space between housing tangs.



Step 2.
The bend area of the tang must not enter the space on the gauge marked .230. See Detail A.



Step 3.
The .050 space on the gauge must not fit on the worn area of the tang.



To calibrate; ensure gauge dimensions are within the tolerances shown.

.440 + .000/- .002
.230 + .002/- .000
.050 + .002/- .000

Seat Rail Wear Gauge for Cessna Aircraft

Checks seat rail wear limits as per FAA AD 2011-10-09

Seat Rail Directive

The McFarlane Seat Rail Wear Gauge is designed to check for seat rail pin engagement hole wear on Cessna aircraft, as required by FAA AD 2011-10-09. This gauge is designed to measure the actual radius wear near the seat stop holes and allows for the 0.020 upper surface wear permitted by the AD. This gauge is very precisely machined.

Note: Earlier versions of the McFarlane Seat Rail Hole Wear Gauge feature a 0.36 and a 0.42 step. The 0.36 step was included per an earlier version of the Airworthiness Directive and is no longer used.

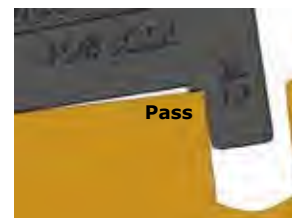
Fast and Positive - No More Guessing!!



1. Place the gauge into each hole location showing wear.



2. Slide gauge back along **top center** of the rail until it contacts the hole edge. Make sure to keep the gauge parallel and square to the unworn rail surface.



3. If the step touches the rail, lifting the gauge up, the wear is less than 0.42. If the step **does not** touch the rail, the wear is more than 0.42 and the seat rail must be replaced.



Part Number
GAUGE SR1

U-Joint Taper Pin Removal Tool for Piper Control Yoke

Part number TOOL107

- Save time and money.
- Makes removal of stuck pins easy.
- Prevents damage from hammering behind the panel.
- Compact to get in tight places.
- Heat treated 4140 Alloy Steel.



Flap Track Wear Gauge for Cessna Aircraft

Part Number 950

Use to determine if a Cessna flap track is worn beyond service limits.

Instructions

Run the gauge plug along each slot in each flap track while verifying that the gauge will not enter the slot. Reposition the flaps as required to gauge the entire length of each slot. If the gauge enters a slot at any point, the track is worn beyond service limits. Periodically verify the gauge diameter by measuring the gauge diameter with a calibrated micrometer.

This gauge will work for all single engine Cessna aircraft except 140A, 170A and 195



Flap Roller Installation Tool

Part Number 970

- Makes installation of the aft flap roller, bushing and washers easy.
- Long handle allows access through the small inspection openings.
- Holds parts in alignment while inserting the bolt.
- Use on Cessna 150 thru 337



Elevator and Rudder Bearing Installation Tool for Cessna Aircraft

Makes pressing bearings in or out easy!

Part Number 990

This unique tool is specifically designed to prevent damage when installing and removing sintered bronze rudder and elevator hinge bearings.

- Eight piece kit for all sizes of sleeve bearings.
- Heat treated stainless steel will last a lifetime.
- Comes in a convenient storage pouch.



Small Radius 1/8" Tube Bender

Ideal for fuel injection, primer, oil pressure, and oxygen lines!

Tube Bender P/N 364-FH-02

- Easily fabricate 3/8" radius bends up to 180°
- Calibrated to show angle of bend
- For bending 1/8" OD soft copper, aluminum, brass, steel, stainless steel, and other tubing



McFarlane Aircraft Wheel Balancer

Part Number TOOL108

Wheel balance is important and now it's fast, accurate and affordable!

Aircraft tires spin 1.6 times faster than your car tires.

Out-of-balance wheel cause a long list of maintenance problems:

- Uneven tire wear
- Premature bearing wear
- Shimmy and resulting torque link damage
- Destructive and distracting airframe vibration

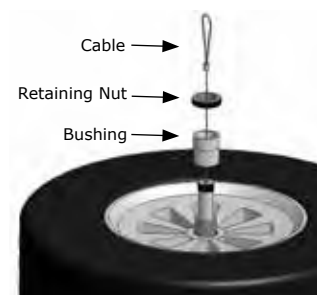
TOOL108 is a suspension wheel balancer with a patent pending design featuring a pivot point that is easily adjustable on-the-fly for maximum balance sensitivity. It is small enough to fit in a tool box and doesn't require a bulky stand. The McFarlane design is more precise than other static balancing methods, and allows the wheel to be balanced with the bearings and seals installed.

It's fast and easy. Due to the horizontal balancing orientation, test weights can be temporarily set in place and easily adjusted while balancing. This eliminates the need to tape the test weights. The McFarlane wheel balancer is precision machined with a black, hard anodized finish, and comes in an oiled wooden case. It includes bushings to accommodate both 1 1/4" and 1 1/2" axle sizes. This is a **lifetime tool** that fits almost all light aircraft wheel/tire assemblies.

- On the Fly adjustable pivot point for maximum sensitivity (Patent pending)
- More accurate than "bubble" or "axle and bearing" style balancers
- Portable – small enough to fit in your toolbox
- Does not require removal of bearings or seals
- Complete instructions included
- Less than half the price of bulky "axle and bearing" style balancers



**Coming Soon!
New models
for smaller and
larger axles!**



Cowl Saver™ Scoring Tool

Customize Your Baffle Seal Flexibility for Optimal Cooling!

P/N TOOL120

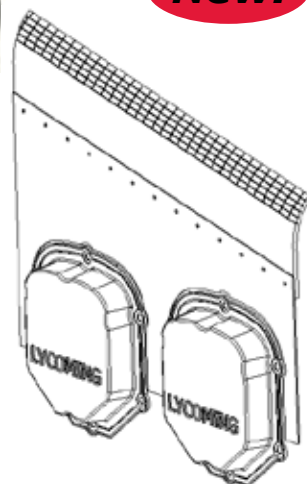
Customize Cowl Saver™ engine baffle seal material to be extremely flexible for a perfect seal where it contacts the cowl and rigid elsewhere to prevent the seal from blowing past the cowl contact line.

This unique tool has 3 circular razor blades spaced 0.16" apart and makes it fast and easy to score the stiffer outer layer of the Cowl Saver™ material where more flexibility is required. The spacers also precisely control the depth of the cuts to help prevent damage to the material.

- You control the amount of flexibility.
- Use on a new baffle seal installation or to perfect the fit and seal of an existing installation.
- Material still meets the original AMS3306 specification to which it was certified as long as the fiberglass reinforcing layer hasn't been cut.
- Replacement blade kit also available (P/N TOOL120-BKT)
- See page 36 for more details



New!



Only for use on the Teflon side of Cowl Saver™ baffle seal material

PROP GUARD Installation Tool

Saves time and makes installation easier!

P/N TOOL125

This rubber coated roller makes working air bubbles out during installation easier than using the spatula included with the PROP GUARD kits. The rubber conforms to the shape of the propeller, and the rolling action allows you to press harder to eliminate small air bubbles. It is recommended for customers who may be installing more than one PROP GUARD or those who just want to make the job faster and easier.



Adjustable Elevator Neutral Rigging Tool for Cessna Aircraft

Save time, you'll always have the correct tool!

P/N TOOL126

Proper elevator rigging is necessary for full range of motion and maneuverability of the airplane. Many Cessna maintenance manuals require the fabrication of a tool to hold the yoke in the neutral position while the mechanic rigs the elevator control system. These tools utilize the holes for the control gust lock. At least 17 different sizes of rigging tools are required to cover the various Cessna aircraft. Now there is one tool to replace them all.

The McFarlane Elevator Neutral Rigging Tool is adjustable from 0.4" to 2.5" and universal in design, consisting of six different pin sizes to fit your application. This tool may also be used to properly rig other makes of aircraft with similar elevator neutral rigging requirements.

Features and Benefits

- Replaces 17 costly tools
- Quick setup and adjustment
- Simple to use instructions
- Includes compact storage box
- Replacement parts available separately
- Hardened stainless steel components

Note:

Refer to your Cessna maintenance manual to determine if your model requires the use of the elevator neutral rigging tool and follow its guidelines for proper pin selection and adjustment guidelines.

**Fits most
Cessna
150 thru 425
aircraft!**

Elevator Neutral Rigging Tool Replacement Parts

Part Number	Description
6409	.050"/1.3mm Hex Wrench
6870	Square Nut
6868-4	Pin, .188, Short
6868-3	Pin, .188, Long
6868-1	Pin, .209, Short
6868-2	Pin, .209, Long
6869-1	Pin, .250, Short
6869-2	Pin, .250, Long



Interesting History

Early Cessna aircraft control gust lock holes were aligned with the elevator in the neutral position. This hole placement created safety concerns after Cessna realized that it would be possible for a pilot to take off with the control lock in place, but the lack of control function would not allow for a safe climb rate. Cessna remedied this safety hazard, beginning in the late 1960's, by moving the hole on the control column closer to the yoke. This change prevents flight. With the hole placement moved, new tools were required to be fabricated to align the elevator in the neutral position during rigging.



Valve Guide Cleaning Reamers for Lycoming Engines

New!

Why McFarlane Special Reamers?

McFarlane now offers special reamers in the necessary sizes to clean your Lycoming engine exhaust valve guides per Lycoming Service Instruction 1425A. Standard reamers manufactured for aircraft valve guides are designed to perfect the guide hole size when reaming new guides. The standard reamer pilot is sized to fit the small bore of a new unfinished guide to insure stability and a straight finished bore. When this same type of reamer is used to clean the valve guides, the pilot is smaller than the finished hole. This causes the reamer to wander and misalign while it is being started and turned in the guide hole.

The McFarlane cleaning reamers have a pilot the same size as the valve stem. This properly sized pilot forces the reamer cutter to start straight and follow the correct valve stem path through the guide hole. **Finally, a tool that is designed for the job!**

While using standard reamers to clean valve guides, you probably have noticed that you have some valve guide metal in the reamer flutes afterwards. This metal is cut from the sides of the guide when hard carbon deposits displace the unguided reamer from the original guide hole, or the reamer was not started in alignment with the guide hole. Wavy or gouged guide holes cause premature carbon buildup, poor heat transfer, and early guide hole wear. Prevent damage to your valve guides by using McFarlane Cleaning Reamers!

Features and Benefits

- Discounted pricing for complete set
- Spiral flutes for a better guide finish
- Pilot sized specifically for cleaning
- Cutting pilot cleans guides without notching guide surfaces
- Constructed of precision ground, high speed tool steel



Maintenance Tip:

Lycoming suggests using ordinary cup grease on the flutes of the reamer to remove deposits with the reamer rather than allowing the deposits to fall into the cylinder.

Part Number	Diameter
VGR-LC-KT	Contains one of each sized reamer
VGR-LC1	0.404-0.405
VGR-LC2	0.437-0.438
VGR-LC3	0.4985-0.4995
VGR-LC4	0.4995-0.5005

Note: Reference Lycoming SSP-1776 and SSP-578 and the appropriate overhaul manual to determine which specific valve guide sizes you have and the required reamer size before purchasing the necessary cleaning reamer. Lycoming Mandatory Service Bulletin No. 388C requires exhaust valve guide cleaning every 300 hours for helicopter engines and every 400 hours for all other engines. McFarlane valve guide reamers are for cleaning carbon build-up only and must not be used for finish reaming of new valve guides.

Pin Punch Set with Replaceable Tips

New!

Save Money on Repetitive Tool Replacement!

P/N TOOL127

How many times have you reached into your toolbox for a pin punch only to find the tip bent or broken from the last job? McFarlane has the solution to this common problem. The **McFarlane pin punches** feature economical replaceable tips. Spare tips are even included with every set. Simply replace the tip as necessary.

No more wasted money on fragile pin punches!

Superior Material for Longer Tip Life

Traditional pin punches easily bend or distort. McFarlane has solved this problem by using work hardened extra tough steel. McFarlane work hardened punches provide you with superior driving ability and break resistance.

Features and Benefits

- Convenient shadowed case
- Economical replacement tips
- Shock absorbing grip - stops "finger sting"
- Hardened tool steel handle
- Work hardened extra tough steel tips



CAUTION

Always wear eye protection when using punches. Do not reuse broken punch tips.

Pin Punch Set Contents

This convenient set includes three common pin punch sizes: 1/16", 3/32", and 1/8". Two long, four medium, and two short tips are included for each size. You can use a short stable tip to start driving the pin out and then change to a longer tip when you need more length to finish the job.

Replacement Tips		
Part Number	Description	Package Qty
704LR	Punch Refill, Long, 1/16"	5
704MR	Punch Refill, Med, 1/16"	5
704SR	Punch Refill, Short, 1/16"	5
706LR	Punch Refill, Long, 3/32"	5
706MR	Punch Refill, Med, 3/32"	5
706SR	Punch Refill, Short, 3/32"	5
707LR	Punch Refill, Long, 1/8"	5
707MR	Punch Refill, Med, 1/8"	5
707SR	Punch Refill, Short, 1/8"	5

Vent Tube Adapter for Cessna Aircraft

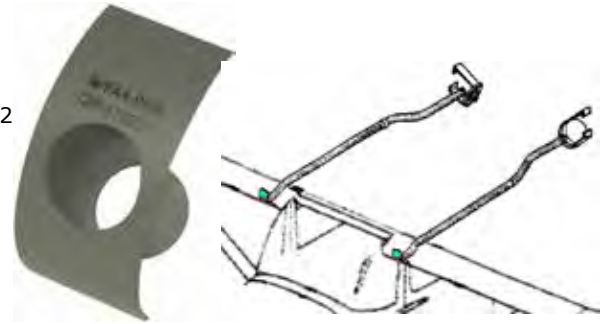
Improved vent tube adapter restores rear seat airflow

Part Number CW-172001

- Improved! Aluminum won't crack like the cheap OEM plastic adapters
- Direct replacement for Cessna P/Ns 0501030-2, 0700325-1 and 0700325-2
- Limited lifetime warranty
- Save up to 50%
- Two required per aircraft
- Includes installation instructions

For Cessna 172, 172A-Q, 172RG, FR172E-K, 175A-C, 180, 180A-E, 180G-J, 182, 182A, 182E, 185, 185A-E, 185E-F, 210-5 (205), 210B-E.

Manufactured by Wingate Aero & Fabrication LLC



Alternator V-Belt for Piper Aircraft

Finally an approved belt at an affordable price!

Part Number MC73965-015

- High quality manufacture
- Direct replacement for P/Ns 10069-806, 452-541, 564-852, 73965-015 and 73965-15
- Save \$\$

Model	Serial Number
PA-28-151	All
PA-28-161	28-7716001 thru 28-8616057
PA-28-161	2816001 thru 2816119
PA-28-181	28-7690001 thru 28-8690062
PA-28-181	2890001 thru 2890231
PA-28-236	28-7911001 thru 28-8611008
PA-28R-201	2837001 thru 2837061
PA-28R-201	28R-7737002 thru 28R-7837317
PA-28R-201T	2803001 thru 2803012
PA-28R-201T	28R-7703001 thru 28R-7803373
PA-28RT-201	28R-7918001 thru 28R-8218026
PA-28RT-201T	2831001 thru 2831038
PA-28RT-201T	28R-7931001 thru 28R-8631005
PA-32RT-300	32R-7885002 thru 32R-7985106
PA-32RT-300T	32R-7787001 thru 32R-7987126



Alternator V-Belt

Compression Tester Extension

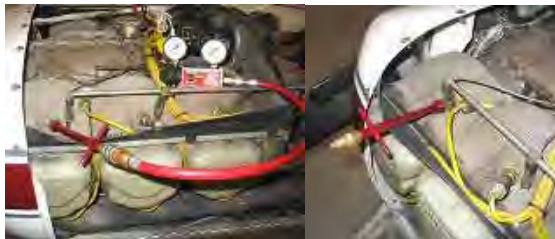
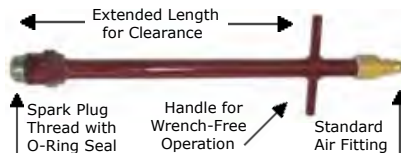
Part Numbers

EXTENSION CT1 (18mm thread)

EXTENSION CT12 (12mm thread)

EXTENSION CT14 (14mm thread)

- Wrench-free compression testing
- Quality welded construction, o-ring seal
- Allows for exhaust system and baffling clearance
- Makes compression testing easier
- Save time and \$\$



Manufactured by
Baines Specialties LLC

Pitot Heater Elements

Fits Piper PA-28-151 and PA-28-161 aircraft

- Each pitot tube requires two heaters
- Diameter of each part number is 3/16"

Part Number	Aircraft	Serial Number	Voltage	Power	Length
CA464-356	PA-28-151	All	14V	70 watts	3.25"
CA464-356	PA-28-161	2816001 thru 28-8216059	14V	70 watts	3.25"
CA464-357	PA-28-151	All	14V	100 watts	4.25"
CA464-357	PA-28-161	2816001 thru 28-8216059	14V	100 watts	4.25"
CA464-440	PA-28-161	All	28V	100 watts	4.25"
CA464-441	PA-28-161	All	28V	70 watts	3.25"

1 P/N CA464-357 and CA464-440 are installed at an angle within the pitot tube.
2 Length is approximate

Manufactured by
PMA Products Inc



Buss Fuses

Hard to find 9/32" OD
4AG/AGS/ABS Series

The 4AG series fuses are commonly specified in older aircraft. About 30 years ago Buss superseded them to the obsolete AGS series fuses. Even this newer series, is now leaving many aircraft owners struggling to find replacements.

The AGS fuses are now being replaced by ceramic ABS series of fuses that have the same electrical and thermal performance.

McFarlane now has all three series (4AG, AGS, ABS) with a mix of new and new surplus fuses in stock.

Note: AGC series auto fuses are smaller (1/4" OD) and have different thermal properties than the 4AG/AGS/ABS fuses.

- Glass or ceramic tube, 9/32" X 1-1/4"
- P/Ns 4AG-#, AGS-#, or ABS-# Where # indicates current rating in Amps (1 to 40 Amps)
- Sold in packs of 5 each



McFarlane Aircraft Pulley Oil

- Does not dry out and get sticky
- Loosens old stiff pulley grease
- Save the labor of re-oiling the control system every year!



Convenient Kits

PULLEY OIL KT

- (1) Pint Can of Pulley Oil
- (1) Needle Oiler with Oil
- (1) 4.5" Oil Extension
- (1) 8" Oil Extension

PULLEY OILER KT

- (1) Needle Oiler with Oil
- (1) 4.5" Oil Extension
- (1) 8" Oil Extension

PULLEY OIL

- (1) Pint Can of Pulley Oil



Nylon Washers

- Protects the aluminum surfaces under cowl, spinners and fairing screws!
- High quality industry standard washers.
- These will not deform like soft washers.
- Sold in convenient 100 packs!

Part Numbers:

- NAS1515H04L
- NAS1515H06L
- NAS1515H08L
- NAS1515H3
- NAS1515H4



AEROKROIL Penetrating Oil

Throw away your other penetrating oil! This stuff works!!

- Loosens frozen metal parts
- Creeps into openings as small as one millionth of an inch!
- AEROKROIL will loosen the toughest stuck together or rusted metal parts.
- Use Kroil to loosen nuts, bolts, studs, screws, pulleys, shafts, bearings, pipe threads, valve guides, exhaust parts or any corroded metal parts.
- For industrial use only. AEROKROIL meets and exceeds military specifications AA50493 and VV-P-216.



Standard Hardware

AN, MS and NAS series. Please call or view online.



Tempest Oil Filters

AA48103-2, AA48104, AA48108-2, AA48109, AA48110-2



Champion Lube Oil Filter Kit

CFO-100-1



Spark Plug Gasket

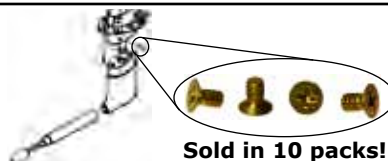
MS17840-1 18mm solid copper



Pitot Tube Screws

P/N MS24693S224

- Replaces special extra fine thread AN507-640R4 screws
- Used on many pitot tube assemblies



Sold in 10 packs!

Pilots View Plexiglas Cleaner

The best stuff out there!

Use on GPS, avionics, plexiglas windows, and much more!

- Anti-static polish and protectant
- Will not scratch anything!
- Fast and easy



Part Number LC27PV-1

- (1) 1 oz Spray Bottle
- (1) 27 oz Spray Bottle
- Part Number LC01PV**
- (1) 1 oz Spray Bottle
- Part Number LC27PV**
- (1) 27 oz Spray Bottle

Mr. Funnel

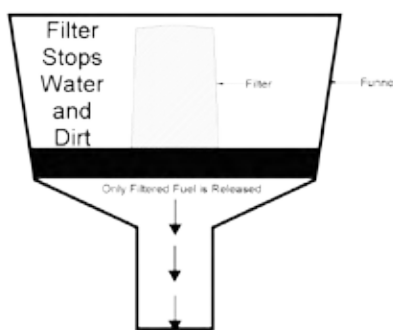
Part Numbers F1C, F3C and F8C

Fuel filter funnel stops water and dirt. The Teflon coated stainless steel filter is so fine that water cannot get past it! Works with all aviation fuels, gasoline, diesel and kerosene.

- Tested and proven in rugged Arctic environment
- Expected 10 year life
- Fast flow rates
- Self cleaning lifetime filter
- Filter stops water and dirt
- Conductive plastic

Part Number	Size	GPM
F1C	6" X 3.5"	2.7 Gallons per minute
F3C	8.75" X 5.5"	3.5 Gallons per minute
F8C	10" X 8.5"	5.0 Gallons per minute

Manufactured by Hopkins Manufacturing Corp.



McFarlane Cap

Embroidered twill cap. \$6.99

High quality!



McFarlane T-Shirt

- 50/50 Cotton/Polyester by Hanes or Fruit of the Loom.
- Available in sizes S, M, L, XL \$6.99.
- Also available in 2X, 3X and 4X.



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Valve Guide Cleaning Reamers for Lycoming Engines



Elevator and Rudder Bearing Installation Tool for Cessna Aircraft



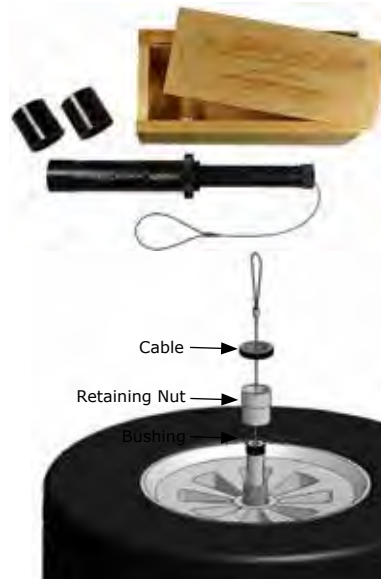
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Flap Roller Installation Tool



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PROP GUARD Installation Tool



Compression Tester Extension





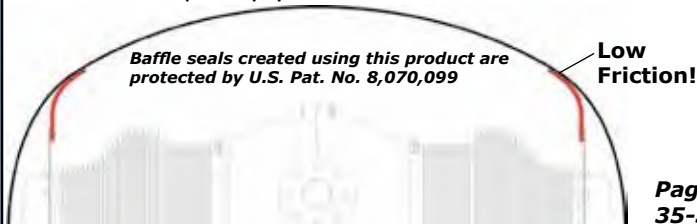
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