

PIPER

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Univair has thousands of quality FAA-PMA approved and original Piper parts specifically for the Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25. We have the largest inventory of parts in the world for these aircraft. We also carry distributor parts such as tires, windshields, lighting, tailwheels, and more.

Piper Manuals

J-3 Owners Manual, C-65	J3WM	\$19.06
J-3 Paint Scheme	J3PS	\$1.61
J-3 Parts Manual	J3PM	\$20.20
J-3 Early Parts Manual, 1937-1941	J3EPM	\$66.27
J-3 Service Manual	J3SM	\$20.20
Piper Cub Engine Log	170-112	\$35.22
Piper Cub Airframe Log	750-111	\$26.51
J-4 Parts Manual	J4PM	\$58.70
J-4 Service Manual	J4SM	\$15.15
J-4 (1939) Paint Scheme	J4PS39	\$1.61
J-4 (1940) Paint Scheme	J4PS40	\$1.61
J-4 (1941) Paint Scheme	J4PS41	\$1.61
J-5 Parts Manual	J5PM	\$46.86
J-5 Service Manual	J5SM	\$12.20
J-5 (1940) Paint Scheme	J5PS40	\$1.61
J-5 (1941) Paint Scheme	J5PS41	\$1.61
PA-11 Parts Manual	11PM	\$21.35
PA-11 Paint Scheme	11PS	\$1.61
PA-12 Parts Manual	12PM	\$21.35
PA-12 Operating Manual	12FL	\$11.44
PA-12 Flight Manual	12FM	\$5.68
PA-12 Paint Scheme	12PS	\$1.61

PA-14 Parts Manual	14PM	\$24.14
PA-14 Flight Manual	14FM	\$6.63
PA-14 Operators Manual	14FL	\$13.73
PA-14 Paint Scheme	14PS	\$1.74

PA-15/17 Parts List, not illustrated	15PM	\$8.23
PA-15/17 Flight Manual	15/17FM	\$9.06
PA-16 Flight Manual	16FM	\$7.57
PA-16 Parts List, not illustrated	16PM	\$18.46
PA-16 Paint Scheme	16PS	\$1.61

PA-18 95/125hp Owners Manual	18WM125	\$17.51
PA-18 95/135hp Owners Manual	18WM135	\$16.57
PA-18 95/150hp Owners Manual, pre-1974	18WM150	\$13.72
PA-18 150hp Owners Manual, 1974 and later	18WM150-74	\$16.57
PA-18 150hp Owners Manual 1988 and later	18WM150-88	\$15.39
PA-18 Parts Manual	18PM	\$36.60
PA-18 150hp Parts Manual for S/N 1809001 and up (approximately 1988 and later)	761-823	\$53.49
PA-18/19 90hp Flight Manual	18FM90	\$8.99
PA-18 135hp Flight Manual	18FM135	\$12.78
PA-18/18A 150hp Flight Manual	18FM150	\$9.00
PA-18S and PA-19S 108hp Seaplane Flight Manual	18SFMS	\$2.46
PA-18 150hp Seaplane Flight Manual	18SFM150	\$2.46
PA-18/20/22/25 Winter Supplement	18FMW	\$2.46
PA-18 Inspection Sheet	230-202	\$2.46
L-21 Erection and Maintenance Manual	L21EM	\$71.95

PA-20 115hp Flight Manual	20FM115	\$8.99
PA-20 125hp and 135hp Flight Manual	20FM125/135	\$8.99

PIPER PARTS FROM ATLEE DODGE

PA-20 115/125hp Owners Manual, and PA-22 125hp Supplement	20WM125	\$19.41
PA-20 and PA-22 135hp Owners Manual	20WM135	\$12.12
PA-20 Pacer Parts Catalog	20PM	\$35.07

PA-22 Parts Manual	22PM	\$48.76
PA-22 108hp Flight Manual	22FM108	\$8.99
PA-22 125hp Flight Manual	22FM125	\$8.99
PA-22 135hp Flight Manual	22FM135	\$8.77
PA-22 160hp Flight Manual	22FM160	\$12.78
PA-22 108hp Owners Manual	22WM108	\$32.02
PA-22 150hp Owners Manual	22WM150	\$15.25
PA-22 Inspection Sheet	230-201	\$2.46
PA-22 108hp Inspection Sheet	230-206	\$2.46

Pawnee PA-25 Parts Catalog	25PM	\$54.44
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Service Aids, Bulletins, Letters and Memos

J-3 through J-5	PBLJ	\$71.95
PA-11 through PA-22	PBLPA	\$86.15
Piper Classic Inspection Sheet	230-3000	\$1.89

Piper Parts From Atlee Dodge

Piper Seat Track Tie Down

- Adds cargo tie down capability to Piper style seat track
- Priced and sold individually
- Seat track not included
- For Piper PA-31 series aircraft
- Aluminum, anodized blue with steel bolt



Seat Track Tie Down	TDP31	\$120.75
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Piper Metal Spar Lifting Eyes

- Atlee Dodge part
- Applicability: Piper PA-12 thru PA-22
- Allows aircraft to be hoisted for float, ski, wheel, and tire installations
- Priced and sold in pairs



Pair of Spar Lifting Eyes	3217	\$101.00
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Aircraft Ski Springs

STC APPROVED

- Atlee Dodge parts
- Applicability: Aeronca, Champion, Luscombe, Maule, Piper J-3 thru PA-22, Stinson, Taylorcraft
- Improves ski rigging tension in cold weather
- Use with tubular landing gear
- STC SA4624NM



Gold Color	2127	\$230.00
Silver Color	2097	\$230.00

J-3 and PA-11 Parts

All parts listed in this section are applicable on the Piper J-3 and PA-11. Applicability for other models is also noted. See the STC listings beginning on 159 for several modifications available for the J-3 and PA-11 models.

Description	Part #	Price
Front Seat Belt Attach Kit to Floor Structure for J-3, PA-11 • STC approval.....	3246	\$436.00
Safety Cable Kit, for J-3C and PA-11 • STC approval.....	2089-18	\$251.00
Clamp On Shoulder Harness Attach Bracket Front, for J-3 through PA-18 • PMA approved		
Fits 1" tube.....	3232-1-1	\$126.00
Fits 1½" tube.....	3232-1-1-1/8	\$126.00
Fits ¾" tube.....	3232-1-3/4	\$126.00
Fits 7/8" tube.....	3232-1-7/8	\$126.00
Rear, for J-3 through PA-18 • PMA approval		
Fits 1" tube.....	3232-2-1	\$211.00
Fits 1½" tube.....	3232-2-1-1/8	\$211.00
Fits 5/8" tube.....	3232-2-5/8	\$211.00
Fits 7/8" tube.....	3232-2-7/8	\$211.00
Landing Gear 1½", 3" Extended, for J-3 and PA-11 • STC approval		
Left.....	3284-1A	\$1,010.00
Right.....	3284-2A	\$1,010.00

Remote Compass Mount

STC APPROVED

- Applicability: Piper J-3 through PA-22
- STC SA144AL

Eliminate incorrect compass headings!
Mounts on aft side of the spar about 140"
outboard.



Compass Mount	1033	\$228.00
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Standard Landing Gear

**FAA-PMA
APPROVED**

- Applicability: Piper J-3, PA-11, PA-18, PA-19
- With 1¼ inch axle, standard length

Left Gear	3225-1	\$1,010.00
Right Gear	3225-2	\$1010.00

Vented Fuel Cap

STC APPROVED

- Applicability: J-3 through PA-22
- Stainless steel
- STC SA02040AK



Fuel Cap	3267	\$100.00
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Fishing Pole Tube Installation

STC APPROVED

Round Pole Tube, for J-3, J-4, PA-11, PA-12, PA-18	SA262AL	\$375.60
Square Pole Tube, for PA-18	SA137AL	\$245.00

Rear Control Stick Cover

- Applicability: Piper J-3 through PA-18

Rear Control Stick Cover

3343\$577.00

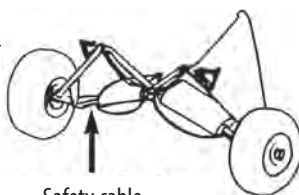


Safety Cable Kits

- Applicability: J-3C, PA-11, PA-18, PA-19
- Kits include STC

Cable Kit..... 2089-18.....\$251.00

Bolt Kit (for 2089-18) VA1025.....\$45.99

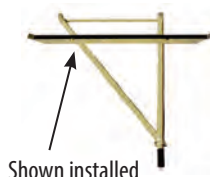


Safety cable

Long Landing Gear Step

STC APPROVED

- Applicability: Piper J-3 through PA-19
- STC SA02007AK



Shown installed

Long Landing Gear Step 3195\$268.00

PA-12 and PA-14 Parts

All parts listed in this section are applicable on the Piper PA-12 and PA-14. Applicability for other models is also noted.

Description	Part #	Price
Remote Compass Mount Installation, for J-3 through PA-22 • STC approved.....	1033	\$228.00
Clamp On Shoulder Harness Attach Bracket Front, for J-3 through PA-18 • PMA		
Fits 1" tube.....	3232-1-1	\$126.00
Fits 1 1/8" tube.....	3232-1-1-1/8	\$126.00
Fits 3/4" tube.....	3232-1-3/4	\$126.00
Fits 7/8" tube.....	3232-1-7/8	\$126.00
Rear, for J-3 through PA-18 • PMA		
Fits 1" tube.....	3232-2-1	\$211.00
Fits 1 1/8" tube.....	3232-2-1-1/8	\$211.00
Fits 5/8" tube.....	3232-2-5/8	\$211.00
Fits 7/8" tube.....	3232-2-7/8	\$211.00
Stainless Steel Vented Fuel Cap, for J-3 through PA-22 • STC approved.....	3267	\$100.00

Instrument Panels

- FAA 337 approval required

PA-18	1034-1	\$375.00
PA-14	1034-2	\$375.00

Safety Cable Kits

- Applicability: PA-12, PA-14
- STC included
- Stainless steel plates and galvanized cables

Cable Kit, Standard Length Gear2089-12\$251.00

Cable Kit, 3" Extended Gear.....3344A\$251.00



Universal Defroster Kit

- Applicability: PA-12, PA-14, PA-20, PA-22, Taylorcraft

The defroster kit has its own diverter box, control and outlets. It is installed aft of the cabin heat box on the inside of the cockpit.

Installation time varies from 4 to 8 hours depending on the aircraft. The kit uses 2" CEET hose and can become very hot depending on the aircraft condition of the exhaust and cabin heat box, etc. This is considered a minor alteration. No approval is required.

Universal Defroster Kit3242-12\$964.00



Float Fittings

STC APPROVED

- Weld-on aft for PA-12 and PA-14

3143-12\$956.00



Landing Gear

Landing Gear 1 1/4" 3" Extended • STC approved

Left.....	3284-1	\$1,010.00
Right.....	3284-2	\$1,010.00
Standard Gear Shock Strut, Heavy Duty	3164-2	\$156.00
3" Extended Gear Shock Strut, Heavy Duty.....	3164-4	\$156.00
Cabane Vee • STC approved	3166-2	\$551.00

Strobe Light Mounting Bracket

STC APPROVED

- Applicability: Piper J-3 through PA-18
- STC (SA638AL)

2087\$371.00



PA-18 Parts

All parts listed in this section are applicable on the Piper PA-18. Applicability for other models is also noted.

Description	Part #	Price
Remote Compass Mount Installation, for J-3 through PA-22 • STC approved.....	1033	\$228.00

PIPER PARTS FROM ATLEE DODGE

Cabin Heat/Vent Knob • PMA	3312-3	\$13.00
Push Pull Knob, Black	3311	\$13.00
Mixture Knob • PMA	3312-1	\$13.00
Rear Control Stick Cover, for J-3, PA-11, PA-18 • STC	3343	\$577.00

Rear Seat Heater Kit

- Applicability: Piper PA-18 series with Lycoming engines
- A must for Super Cubs in winter
- Includes hose
- STC SA02094AK included

3175..... **\$1,021.00**



Safety Cable Kits

- Kits include STC

J-3C, PA-11, PA-18, PA-19	2089-18	\$251.00
Bolt Kit for 2089-18	VA1025	\$45.99
PA-18 for 3" extended gear	3344	\$251.00



Landing Gear

- Applicability: PA-18 plus other models noted below

Landing Gear 1¼", 3" Extended, for PA-12, 14, 18 • STC		
Left	3284-1	\$1,010.00
Right	3284-2	\$1,010.00
Landing Gear 1½", 3" Extended, for PA-12, 14, 18 • STC		
Left	3284-1A	\$1,010.00
Right	3284-2A	\$1,010.00
Long Landing Gear Step, for J-3 through PA-19 • STC	3195	\$268.00
Landing Gear 1¼" Standard Length, for J-3, PA-11, 18, 19 • PMA		
Left	3225-1	\$1,010.00
Right	3225-2	\$1,010.00
Landing Gear 1½" Standard Length, for J-3, PA-11, 18, 19 • STC		
Left	3225-1A	\$1,010.00
Right	3225-2A	\$1,010.00

Universal Defroster Kit

The defroster kit has its own diverter box, control and outlets. It is installed AFT of the cabin heat box on the inside of the cockpit. Installation time varies from 4 to 8 hours depending on the aircraft. The kit uses 2" CEET hose and can become very hot depending on the aircraft condition of the exhaust and cabin heat box, etc. This is considered a minor alteration. No approval is required.

PA-18 Defroster Kit.....3242-18 **\$965.00**



Heavy Duty Landing Gear Shock Struts

- For Piper PA-18



Standard Gear, STC SA4621NM.....	3164-1	\$156.00
3" Extended Gear, STC SA02152AK	3164-3	\$156.00

Cabane Vee

STC APPROVED

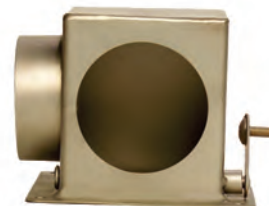
- Applicability: Piper PA-18
- Material: 4130N Steel
- STC approved (SA4618NM)
- Heavy duty replacement for Piper part numbers 30602-010 and 30602-007



3166-1 **\$503.00**

Universal Cabin Heat Box

- Applicability: J-3, PA-11, PA-18
- Stainless steel
- FAA 337 required
- Mounts with four screws
- Superior to the original style

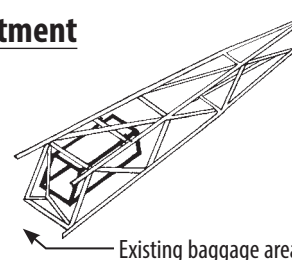


18CHB **\$548.00**

Extended Baggage Compartment

- All aluminum
- FAA-PMA includes STC (SA590AL)
- STC does not provide for a change in gross weight

2103..... **\$1,156.00**



Heavy-Duty Aircraft Tie Down Bracket

- Applicability: Piper PA-12, PA-18
- Quantity required: 2
- Priced and sold individually

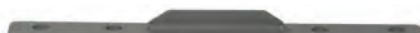


3197..... **\$160.00**

Lift Strut Reinforcement Bracket

Provides additional strength to the lift strut attach brackets and helps prevent damage from high winds when aircraft is tied down outdoors. If lift strut fitting is bent or has elongated holes it will need to be replaced.

- Applicability: Piper PA-18
- STC SA02026AK
- Powder coated white



Piper PA-183192-18DL **\$153.00**

Weld-on Aft Float Fittings

STC APPROVED

- Applicability: Piper J-3, PA-11, PA-18
- Replaces clamp on style fittings
- Provides cleaner and stronger installation
- Pair included in price

Pair.....3143-18 **\$632.00**



Water Rudder Pick Up Handle

- Applicable on all aircraft equipped with EDO 89-2000 floats
- Stainless steel

Handle 3359-2 **\$114.00**



Water Rudder Pickup Tube

- Stainless steel

Fairlead3359-6 **\$89.00**



Heavy Duty Brake Reinforcing Channel

FAA-PMA APPROVED

- Heavy duty replacement prevents cracking
- Made of 4130N steel
- Powder coated gray

Brake Reinforcing Channel.....4231 **\$122.85**



Front Seat Belt Attach Kits

STC APPROVED

Relocate pilot's seat belt attachment to the fuselage floor for improved safety.

- Applicability: Piper PA-11 and PA-18
- Weld-on style
- STC SA02043AK

Front (Pilot) Seat Belt Attach Kit 3246 **\$436.00**



Enlarged Instrument Panels

STC APPROVED

- Custom made – removable or fixed
- Fixed panel shown
- STC included

Removable Instrument Panel.....1034-1 **\$375.00**

Fixed Instrument Panel 1034 **\$375.00**



Strobe Light Mounting Bracket

STC APPROVED

- Applicability: Piper J-3 through PA-18
- STC SA638AL

2087 **\$371.00**



Folding Front Seat Kit

Allows existing pilot seat to be modified into a folding seat for easier loading of aircraft.

- Applicability: Piper PA-18, PA-19
- Includes STC SA02085AK

Folding Seat Kit..... 3186..... **\$501.00**



Cowl Channels

FAA-PMA APPROVED

- Applicability: Piper PA-18
- Stainless steel

Upper Cowl Channel.....3276 **\$116.00**

Lower Cowl Channel.....3277 **\$116.00**



Carburetor Air Filter Dome

FAA-PMA APPROVED

- Applicability: Piper PA-18 150hp
- Better than the original, with reinforced screw hole

Carb Air Filter Dome.....3281 **\$166.00**



Shoulder Harness Mounts

FAA-PMA APPROVED

Attaches the shoulder harness to the fuselage frame thereby increasing safety of pilot and passengers during turbulence or accident.

- Material: Stainless steel
- Clamp-on; no welding required
- Sold without seat belts



Front

Fits 1" tube 3232-1-1 **\$126.00**

Fits 1 1/8" tube 3232-1-1-1/8 **\$126.00**

Fits 3/4" tube3232-1-3/4 **\$126.00**

Fits 7/8" tube3232-1-7/8 **\$126.00**

Rear

Fits 1" tube 3232-2-1 **\$211.00**

Fits 1 1/8" tube 3232-2-1-1/8 **\$211.00**

Fits 5/8" tube3232-2-5/8 **\$211.00**

Fits 7/8" tube3232-2-7/8 **\$211.00**

Front Seat Battery Box

STC APPROVED

- Applicability: Piper PA-18, PA-19
- Battery and electrical components not included
- STC SA02156AK

Modification reduces weight approximately 18.4 lb when replacing stock rack and battery. Moves battery to underneath the front seat in the seat base frame. All new electrical components are advised at the time of install (not included).

3304..... **\$556.00**



PIPER PARTS FROM ATLEE DODGE

Heavy-Duty Muffler

STC APPROVED

- Applicability: Piper PA-18
- 321 stainless steel with tailpipe gussets and bale
- Improves service life
- Alternative means of compliance to AD 68-05-01

Heavy-Duty Muffler3241 **\$1,182.00**



Hot Rod Muffler

STC APPROVED

- Applicability: Piper PA-18, PA-19
- Heavy-duty can
- Large tail pipe
- No flame tube
- Reduces back pressure
- STC SA02273AK

Hot Rod Muffler 3241HR **\$2,193.00**



2-Piece Muffler Shroud

STC APPROVED

- Applicability: Piper PA-18
- Quicker and easier to install than the original
- STC SA02024AK

Muffler Shroud..... 3236AD **\$568.00**



2-Piece Split Pre-Heat Shroud

FAA-PMA APPROVED

- Applicability: Piper PA-18
- No need to remove exhaust stack to remove shroud
- STC SA02025AK

2-Piece Split Pre-Heat Shroud..... 3182 **\$319.00**

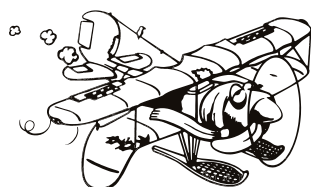


Fuel System Sight Gauges

STC APPROVED

- Applicability: PA-12, PA-14, PA-18, and PA-22 series aircraft using F. A. Dodge 30.5 gallon fuel tanks only
- STC SA02115AK

Fuel Sight Gauges3286-1..... **\$88.00**



Atlee Toll Free Sales
1-877-332-8533
(1-877-33-ATLEE)
www.fadodge.com

Aluminum Heavy-Duty Header Tanks

FAA-PMA APPROVED

- Applicability: Piper PA-18
- STC SA2303NM



Front Header Tank (shown above right) 3169-1A **\$462.00**

Rear Header Tank (shown above left).....3169-2 **\$462.00**

Vented Fuel Caps

FAA-PMA APPROVED

- Applicability: Piper PA-18 180hp
- Stainless steel
- FAA 337 approval required

Snorkel Fuel Cap.....3267-180 **\$115.00**



- Applicability: J-3 through PA-18
- Stainless steel
- Vented
- STC SA02040AK

Vented Fuel Cap 3267 **\$100.00**

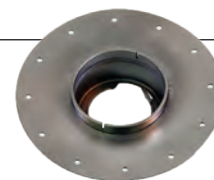


Filler Neck Repair Kit

This kit from Atlee Dodge allows your filler neck to be repaired in the field without welding. Install with fuel tank sealant and CherryMAX® rivets. Fuel tank sealant not included.

- Applicability: Piper PA-18
- Stainless steel
- FAA 337 approval required

Filler Neck Repair Kit 3140-60R..... **\$215.00**



Rear Seat Crossbar

FAA-PMA APPROVED

- Allows rear seat cross bar to be removed for easier loading of aircraft
- STC SA681AL

Removable Rear Seat Crossbar 3146 **\$435.00**



Safari Seat

FAA-PMA APPROVED

- Atlee Dodge part
- Applicability: Piper PA-18, PA-19
- Back folds forward to allow access to cargo area
- Can be removed and replaced in seconds
- 14 pounds lighter than the stock Piper seat
- 4130 N Steel, powder coated black
- Upholstery not included
- STC SA02356AK-D

Safari Seat..... 6151..... **\$897.00**



Refueling Step

STC APPROVED

- Applicability: Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-15, PA-16, PA-18, PA-20, PA-22
- Clamp on refueling step
- When ordering, knowing the outside diameter of front landing gear tube is advisable
- Mounts on landing gear – no more step ladder!



Refueling Step • 1¼" tube	3190-10	\$140.00
Refueling Step • 1½" tube	3190-11	\$140.00
Refueling Step • 1½" tube	3190-12	\$140.00

Belly Pan Clean Out Kit

**FAA-PMA
APPROVED**

- Applicability: Piper PA-18, PA-19

Allows clean out of aft lower fuselage section and to gain access to jackscrew and pulleys. Welding is required for lion fastener receptacle plates.



3285.....**\$501.00**

Shop online at www.fadodge.com

PIPER J-3 • PA-11

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Brake System

Description	Part #	Price
Brake Bleeder Tee Fitting (451-771)	B57-239	\$127.19
45° Elbow (460-663)	3350X2	\$5.09
Retracting Spring (750-029)	B21-35	\$11.18
Brake Block (750-033)	B27-59-1	\$76.67
Brake Inner Fairing (750-035)	B51-72	\$113.33
Brake Frame (J-3 S/N 1999 to 4411)	750-038	\$17.06
Brake Frame (750-039)	D12-101	\$29.54
Brake Frame Flange (750-041)	D15-25	\$53.34
Brake Plunger Rod (J-3)	750-049	\$103.29
Brake Piston Rod (J-3)	750-051	\$25.05
Master Cylinder Piston (750-295)	U1383A-000	\$73.09
Attach Washer	80122-007	\$9.08

Attach Washer	U80122-011	\$1.19
Attach Link	U81262-008	\$12.91
Attach Washer, Upper	85012-004	\$2.50
Lower	U85012-005	\$2.61
Brake Pedal Block, Outer	U41521-000	\$105.99
Brake Pedal Block, Inner	41531-000	\$87.27
Brake Pedal Stop Plate	U41561-000	\$29.22
Brake Pedal Tie Rod	U41581-004	\$89.83
Master Cylinder Brake Pedal	U1715A	\$247.22
Flexible Brake Hose	U71061-002	\$253.81
Master Cylinder Diaphragm	U750-384	\$46.01

Brake Line

**FAA-PMA
APPROVED**

- From brake master cylinder to copper line on gear vee
- Flexible Brake Line



PIPER J-3 • PA-11

Goodrich Brake Assembly Parts

- Applicability: Pipers with 8.00 x 4 wheels
- While supplies last!

Brake Block (750-033) B27-59-1 **\$76.67**
 Spring (750-029) B21-35 **\$11.18**
 Shield (750-093)..... A72-30 **\$31.02**



Goodrich Brake Drum

- Inside must be machined after assembly

Drum (750-894)..... B13-4 **\$273.51**
 Flat Head Rivets (6 required, sold individually)
 (750-895) AN441-6-6P **\$0.77**



Master Cylinder

**FAA-PMA
APPROVED**

Detail replacement parts available. See detailed illustration on page 299.

Left U1248A..... **\$1,422.79**
 Right U1260A..... **\$1,422.79**



Cleveland Wheels & Brakes Conversion Kit

Convert from your Goodrich wheels and brakes to the new Cleveland wheels and brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC SA11RM-1.25 when you purchase this kit and it is available at no charge.



Cleveland Conversion Kit..... 199-07100 **\$3,996.91**

Installation May Require:

Lines (2 required*)..... U60703-002 **\$76.03**
 Elbows (2 required*) (558-819) 502X4 **\$16.24**
 Elbows (2 required*) (460-677) 402X4 **\$5.08**
 STC, for 1 1/4 inch axle..... STC-SA11RM-1.25 **\$138.51**
 6.00 x 6 Stamped Aluminum "CUB" Hub Caps U1680-00 **\$41.24**
 Cub Mask (see description on page 67)..... CUB-MASK **\$17.45**

* Priced and sold individually

Grove 800 x 4 Disk Brake Conversion **STC APPROVED**

- For Goodrich wheels and brakes only
- Maintain your classic look
- Use your existing wheels, tires, tubes, master cylinder and brake lines
- Easy installation – all parts and special tools included



Grove Brake Conversion Kit 76002 **\$999.00**

Brake Pedals

J-3, Left..... U41602-002 **\$166.27**
 Right..... U41602-003 **\$166.27**
 PA-11, Left 10734-000 **\$183.73**
 Right..... 10734-001 **\$178.19**



Cockpit • Interior

J-3 Blank Instrument Panel

**FAA-PMA
APPROVED**

- Original shape
- Aluminum
- Arrange your instrument panel to suit your specific needs!



U54703-000 **\$78.54**

Description	Part #	Price
Trim Strip	10048-000	\$46.01
Rear Window Trim Strip, Right	10668-000	\$28.04
Cockpit Center Panel, Right.....	10930-000	\$106.26
Airspeed Tube.....	13541-004	\$14.22
Felt Strip, 1/16 x 1/2 x 30 Inch	180-497	\$4.67
Rubber Moulding (Window/Door Seal).....	187-610	\$1.41/ft
J-3 Front Floorboard.....	50652-000	\$237.33
J-3 Front Seat Back Canvas.....	50982-000	\$97.13
Baggage Compartment.....	51973-000	\$61.50
J-3 Rear Seat Sling	51983-000API	\$194.25
Front Seat Bottom.....	52542-000	\$97.13
Door Weatherstrip, Brown.....	52841-000-4	\$29.80
Brown Weatherstrip.....	52841-000-8	\$29.80
Brown Weatherstrip.....	52841-000-9	\$29.80
J-3 Black Weatherstrip	52841-030	\$18.00
Windshield Strip, Left.....	53922-017	\$62.05
Cable Clamp	80032-004	\$22.40
Washer.....	80122-010	\$5.06
Stabilizer Crank Lock Pin	81761-011	\$10.58
Bushing.....	82732-003	\$2.50
Airspeed Tube.....	0554-000	\$17.53
PA-11 Blank Instrument Panel	CS10770-000	\$78.54
Blank Throttle Plate	CSI-1047	\$29.13
Trim Plate.....	CSI-1048	\$39.00
Upper Door Frame.....	R12256-001	\$1,110.73
Lower Door Frame.....	R12257-001	\$1,047.08
Window Trim Strip	U10044-000	\$66.27
Rear Floorboard	U10135-000	\$186.08
Front Floorboard	U10737-000	\$192.66
Windshield Front Strip	U10793-000	\$142.52
Rear Floorboard	U10799-000	\$202.29
Control Knob, Black.....	U10911-000	\$13.06
Threaded Bushing	U11789-000	\$18.50
Throttle Control Cable, 61.25 inches.....	U12694-002	\$623.29

Airspeed Tube.....	U13541-002	\$69.38
Non-Recording Tachometer Cable (486-565)	U1713-N340	\$166.95
Window Stop Set Screw	U21601-000	\$17.44
Throttle Lever Connecting Link	U41551-000	\$64.40
Front Control Stick Assembly.....	U42812-000	\$594.34
Aileron Pulley Cover Housing	U50042-000	\$37.30
Inside Channel Cover.....	U50301-000	\$27.29
Top Deck Rear Trim Strip	U54581-000	\$26.79
Wing Root Fairing, Left	U60803-000	\$34.44
Right.....	U60803-001	\$34.44
Wing Butt Rear Fairing.....	U60882-000	\$31.05
Scoop Assembly	U70442-003	\$466.73
Clamp.....	U80222-006	\$37.18
Washer for Skylight.....	U81342-045	\$4.85

Control System

Description	Part #	Price
Torque Tube Bearing Cap.....	21811-003	\$201.47
Control Stick Grip	41221-000	\$32.51
Front Control Stick Lower Stub	42792-000	\$418.74
Rear Control Stick Assembly.....	42812-002	\$594.34
Control System Hardware Kit	750-259	\$447.37
Stabilizer Wire Clamp	80002-015	\$22.58
Elevator Cable Link, Upper	81262-009	\$8.95
Yoke Attach Link	81322-003	\$14.97
Stabilizer Trim Handle Locking Pin	81761-003	\$21.20
Pulley Locking Pin	81761-004	\$13.02
Cable Link	U10449-000	\$35.90
Throttle Control Knob, Black.....	U10911-000	\$13.06
Flap Return Spring	U10940-000	\$35.25
Fairlead 'U' Bracket.....	U11151-000	\$9.41
Rudder Arm.....	U1140A-000	\$229.88
Stabilizer Tube Yoke Link	U14180-002	\$327.14
Rudder Pedal Fitting	U24121-002	\$8.65
Rudder Pedal Fitting	U24121-003	\$8.65
Elevator Assembly	U40572-000	\$708.52
Vertical Stabilizer	U40592-000	\$594.01
Horizontal Stabilizer.....	U40643-000	\$833.55
Idle Pulley Yoke.....	U40651-000	\$45.11
Bellcrank Assembly	U40663-004	\$862.61
Rubbing Block.....	U40721-000	\$47.07
Elevator Horn Fitting.....	U40821-004	\$39.73
Rudder Pedal, Left.....	U40842-004	\$206.43
Right.....	U40842-005	\$206.43
Elevator Pushrod	U40901-002	\$567.11
Bellcrank Assembly	U40911-000	\$150.34
Elevator Bellcrank Ball Cover.....	U40921-000	\$66.95
Elevator Bellcrank Ball	U40931-000	\$94.13
Rudder Pedal Spring	U40941-000	\$11.88
Upper Tail Brace Wire	U41031-002	\$44.54
Lower Tail Brace Wire	U41031-003	\$39.18
Trim Crank Escutcheon	U41101-000	\$37.34
Stabilizer Adjust Trim Crank	U41111-000	\$133.15

Stabilizer Indicator.....	U41121-000	\$36.45
Escutcheon Spring.....	U41151-000	\$10.12
Trim Crank Pin.....	U41161-000	\$38.85
Lower Rear Elevator Cable Link	U41271-000	\$24.09
Rudder Assembly, Uncovered.....	U41313-000	\$831.46
Torque Tube Bearing Shim	U41371-005	\$12.51
Throttle Arm	U41491-000	\$80.64
Brake Pedal Stop Plate	U41561-000	\$29.22
Stabilizer Screw Pulley Key	U41631-000	\$19.06
Aileron Assembly, Uncovered, Left	U42585-000	\$1,625.88
Right.....	U42585-001	\$1,625.88
Stabilizer Indicator Wire	U42664-003	\$27.50
Stabilizer Adjust Yoke.....	U42692-000	\$303.46
Front Control Stick Assembly.....	U42812-000	\$594.34
Stabilizer Indicator Spring.....	U42891-000	\$7.91
Elevator Bellcrank Shim	U42941-000	\$15.89
Stabilizer Adjust Screw.....	U42961-102	\$122.12
Fin Leading Edge Fairing	U60602-000	\$132.17
Elevator Horn Attach Bushing	U80012-017	\$13.34

Piper Pulleys

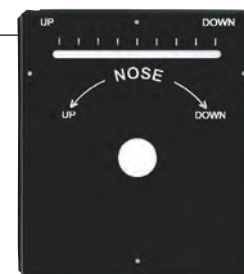
**FAA-PMA
APPROVED**


Description	O.D.	I.D.	Part #	Price
1) Fiber Trimcrank Pulley.....	2¾ inch.....	¾ inch	U41171-000	\$86.86
2) Fiber Pulley, No Slot.....	2¾ inch.....	¾ inch	U40991-000	\$19.23
3) Fiber Pulley	1¾ inch.....	¼ inch	U80421-000	\$12.99
4) Stabilizer Screw Pulley.....	2¾ inch.....	¾ inch	U43061-000	\$126.38

Stabilizer Indicator Cover

- Aluminum plate
- Black, green or red with white text
- Approximately 4½" wide by 5.25" high

Black.....	U10936-000BK.....	\$75.87
Green	10936-000GN.....	\$72.16
Red.....	U10936-000RED.....	\$75.87



NOTES

PIPER J-3 • PA-11

J-3 and PA-11 Control Cables

FAA-PMA
APPROVED

Cable descriptions are basic. Please consult your aircraft parts manual for proper cable application for your model and serial number.

PA-11 Rudder Cable, 215 $\frac{1}{8}$ ", Galvanized.....	10865-000	\$228.38
Stainless	U10865-005	\$263.76
PA-11 Elevator to Upper Horn, 137 $\frac{1}{8}$ ", Galvanized	U10869-000	\$139.34
Stainless	U10869-003	\$141.86
PA-11 Elevator to Lower Horn, 137 $\frac{3}{8}$ ", Galvanized.....	U10870-000	\$165.82
J-3 Rudder Cable, 182 $\frac{1}{8}$ ", Galvanized	U40123-002	\$219.57
Stainless	U40123-002S	\$205.49
J-3 Aileron Control, 167 $\frac{1}{8}$ ", Galvanized	U40123-003	\$150.56
Stainless	U40123-003S	\$182.38
J-3 Aileron on Lift Strut, S/N 1 to 8277, 174 $\frac{1}{8}$ "		
Galvanized	U40123-004	\$201.81
Stainless	U40123-004S	\$239.42
J-3 Elevator to Upper Horn, 137 $\frac{1}{4}$ ", Galvanized	U40123-005	\$190.40
Stainless	U40123-005S	\$212.36
J-3 Elevator to Lower Horn, 136 $\frac{1}{8}$ ", Galvanized	U40123-006	\$158.93
Stainless	U40123-006S	\$167.00
J-3 Front Rudder Up Parking Brake Cable, 25 $\frac{5}{16}$ "		
Galvanized	U40123-007	\$152.43
Stainless	U40123-007S	\$196.89
PA-11 Bungee Cable, 19 $\frac{3}{4}$ ", Galvanized.....	U40123-008	\$49.52
Stainless	U40123-008S	\$53.62
PA-11 Aileron on Lift Strut, 174 $\frac{1}{8}$ ", Galvanized	U40123-028	\$142.66
Stainless	U40123-028S	\$155.57
J-3 Aileron on Lift Strut, S/N 8278 and up, 174 $\frac{9}{16}$ "		
Galvanized	U40123-034	\$186.71
Stainless	U40123-034S	\$170.84
J-3, PA-11 Trim Cable, 308 $\frac{5}{8}$ ", Galvanized.....	U41671-002	\$322.08
Stainless	U41671-008	\$252.78
Piper Special Turnbuckle Fork.....	U461-132	\$54.62
Turnbuckle Assembly	U42722-000	\$150.20

Liner Tubes

FAA-PMA
APPROVED

Link Assembly Liner Tube, 16" Length	
U86062-080	\$136.05
Rear Liner Tube, 8" Length	
U86062-079	\$102.53



Engine • Cowling • Exhaust

Description	Part #	Price
Lower Cowl Mounting Bracket, Left (Longeron)	10815-000	\$256.79
Right.....	10815-001	\$345.28
Rear Side Baffle Assembly, Left.....	10830-000	\$72.51
Right.....	10830-005	\$77.57
Front Side Baffle Assembly, Right	10832-000	\$103.61
Left.....	10835-000	\$82.12

Inner Cylinder Baffle	10922-000	\$15.24
Throttle Clamp	70801-000	\$91.33
Baffle Tie Rod	71451-003	\$58.21
Engine Breather Line Clamp.....	72941-000	\$44.10
Nose Cowl Bracket, Left.....	72951-000	\$23.59
Right.....	72961-000	\$26.83
J-3 Nose Cowl Bracket	74251-000	\$21.64
Motor Mount Cowl Brace, Left.....	74261-000	\$27.89
Right.....	74271-000	\$27.59
Throttle Control Cable Clamp	U80002-003	\$20.71
PA-11 Cowl Mounting Top Bracket	U10814-000	\$150.38
Support, Baffle Hanger	U10920-000	\$24.18
Intercylinder Baffle, Outer.....	U10923-000	\$29.12
Primer Jet (Straight Type, J-3).....	U31197-000	\$62.86
Throttle Lever Connecting Link	U41551-000	\$64.40
Aileron Pulley Cover Housing, Floorboard	U50042-000	\$37.30
Flexible Fuel Hose	U70322-002	\$193.12
Gascolator Mounting Bracket.....	U71991-000	\$89.87
Fuel Line	U72432-000	\$155.93
Bottom Cowl Intake Cover.....	U73951-000	\$43.03
Tailpipe Brace Attach Clamp.....	U80002-020	\$29.29
Cooling Baffle Washer	U81342-018	\$4.43
Crankcase Breather Tube	U84332-000	\$104.07

PA-11 All-Aluminum Cowling

FAA-PMA
APPROVED

- Applicability: Piper PA-11

Nose Cowl for Screw			
Fasteners	U10802-000.....	\$1,862.41	
Top Cowl	U10808-000.....	\$272.50	
Bottom Cowl	U10809-000.....	\$422.34	
Fuselage Cowl	U10789-000.....	\$1,486.64	
Engine Side Cowl, Left.....	U10810-000	\$482.76	
Right.....	U10810-001	\$482.76	



J-3 All-Metal Cowling

FAA-PMA
APPROVED

- Applicability: Piper J-3

Firewall, Galvanized Steel	U22453-000	\$140.97
Firewall, Stainless Steel.....	U22453-100	\$217.73
Fuselage Cowl, Aluminum*.....	U23993-000	\$1,171.39
Fuselage Cowl, Stainless Steel*.....	U23993-000S	\$1,144.32
Top Cowl, Front Section, Aluminum	U74353-000	\$651.03
Bottom Cowl, Front Section, Aluminum.....	U74334-000	\$927.27

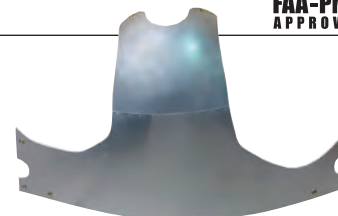
* Shipped via motor freight; crate cost CR-BC312 will be added to shipping costs

Top Cowl Assembly

FAA-PMA
APPROVED

- Applicability: Piper J-3

U72543-000	\$915.16
------------------	-----------------



Bottom Cowl

**FAA-PMA
APPROVED**

- Applicability: Continental powered Piper J-3
- All-aluminum
- S/N 10399 and up

J-3 Bottom CowlU74613-000.....**\$1,359.05**



Cowling Brackets

**FAA-PMA
APPROVED**

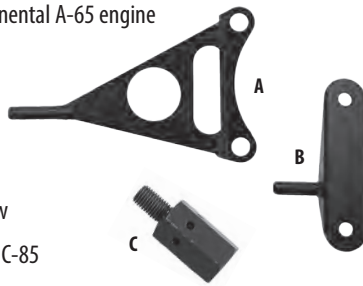
- Applicability: Piper J-3 with Continental A-65 engine

A) Nose Cowl Bracket, Right
U72571-000**\$114.15**

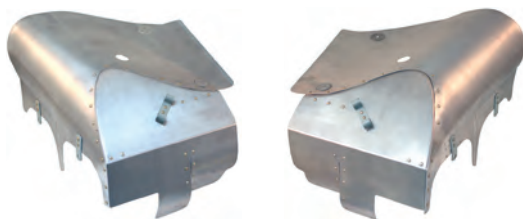
B) Nose Cowl Bracket, Left*
U72651-000**\$98.99**

* Must use adapter 23130 below

C) J-3 Cowl Bracket Nut Adapter for C-85
23130.....**\$111.35**



All-Aluminum J-3 “Eyebrow” Baffles

**FAA-PMA
APPROVED**


Left Side Baffle.....U70873-002**\$718.92**

Right Side BaffleU70873-003**\$718.92**

Muffler Bail

**FAA-PMA
APPROVED**

Welded inside muffler outlet to guard against flame tube failure and obstruction of exhaust outlet.

Muffler BailU452-093**\$53.97**



Air Scoop Assembly

**FAA-PMA
APPROVED**

- Applicability: Piper J-3

U72522-000**\$309.25**

Carburetor Air Box

**FAA-PMA
APPROVED**

- Applicability: 4-cylinder Continental engines

Carburetor Air Box
for C-75, C-85, C-90 engines.....UA50256.....**\$942.56**

for A-65 engines.....UA50495.....**\$785.79**

Air Filter only (40599)600314.....**\$104.75**

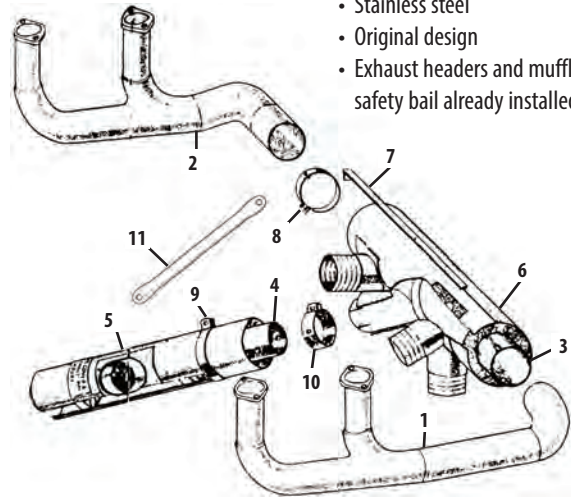
Gasket.....652142.....**\$8.23**



J-3 Exhaust System

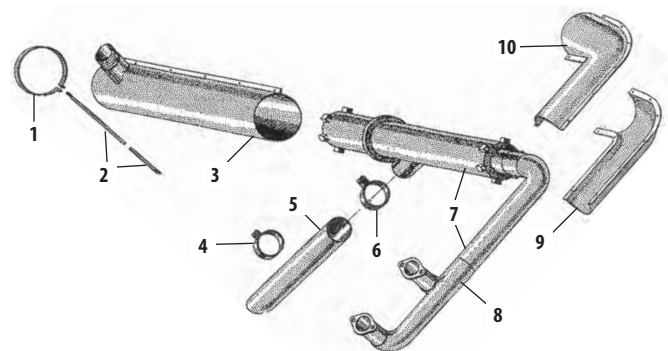
**FAA-PMA
APPROVED**

- New manufactured
- Stainless steel
- Original design
- Exhaust headers and muffler with safety bail already installed



1) Exhaust Stack, Left.....	U71082-000	\$1,099.58
2) Exhaust Stack, Right	U70671-000	\$975.15
3) Muffler Assembly, Less Shroud and Clips	U71053-002	\$1,014.31
4) Tailpipe	U74501-000	\$376.58
5) Tailpipe Shroud	U70912-000	\$278.57
6) Muffler Shroud.....	U70963-000	\$625.80
7) Slide Clip.....	U71261-000	\$69.51
8) Muffler Stack Connecting Clamp (2 required)	U70591-002	\$36.34
9) Tailpipe Brace Clamp.....	U80002-022	\$42.41
10) Muffler Clamp.....	U72691-000	\$37.65
11) Exhaust Tailpipe Brace	U70581-000	\$85.17

PA-11 Exhaust System

**FAA-PMA
APPROVED**


1) Muffler Shroud Attach Clamp	U10466-006	\$33.76
2) Tailpipe Brace.....	10848-00	N/A
3) Muffler Shroud Assembly.....	U10762-000	\$415.57
4) Tailpipe Brace Attach Clamp.....	U80002-020	\$29.29
5) Exhaust Tailpipe Assembly.....	U10863-000	\$199.13
6) Tailpipe and Stack Attach Clamp.....	U70591-002	\$36.34
7) Exhaust Stack and Muffler Assembly, Left	U10757-000	\$2,909.78
8) Exhaust Stack Assembly, Right	U10760-000	\$2,281.26
9) Lower Exhaust Shroud, Left	U10843-000	\$279.03
Right	U10846-000	\$266.34
10) Upper Exhaust Shroud, Left	U10764-000	\$184.86
Right	U10845-000	\$186.47

PIPER J-3 • PA-11

Exhaust Gaskets

- Stainless steel
- Applicability: Continental engines
- 2 required per port – sold separately

Exhaust Gaskets 632837 \$3.28



Continental Front Propeller Plate

FAA-PMA
APPROVED

- Flanged or tapered crankshaft installation

Front Propeller Plate U3991 \$178.03



Flexible Oil Pressure Hose

FAA-PMA
APPROVED

- Length: 6 inches
- Hose Material: MIL-H-5593-4

U71061-000 \$150.60



Tachometer Cables

FAA-PMA
APPROVED

Non-Recording

J-3 • 35" TACH-35NR \$161.70
J-3 • 31" U1713-N310 \$166.95
J-3, PA-11 • 34" U1713-N340 \$166.95
J-3 • 33" TACH-33NR \$161.70

Recording

J-3 • 29.5" U1713-R295 \$166.95
J-3, PA-11 • 32.5" U1713-R325 \$166.95
J-3 • 35" U1713-R350 \$166.95
J-3 • 34" TACH-34 \$161.70

Engine Mount

FAA-PMA
APPROVED

J-3 Mount U71163-000* \$1,256.97
PA-11 Mount C90 U10576-000 \$1,101.96

* U71163-000 is approved to accommodate the O-200 engine, and it is the required mount for the O-200 engine installation STC-SA107RM and STC-SA7435SW.



Cabin Heat Boxes

FAA-PMA
APPROVED



A) J-3 Cabin Heat Box U70422-000 \$500.32
B) PA-11 Cabin Heat Box U10987-000 \$648.23
C) Piper Scoop Assembly U70442-002 \$460.48

J-3 Eyebrow Fairing Bracket

FAA-PMA
APPROVED

- Applicability: Piper J-3
- U72201-000 \$83.87



Continental Carburetor Air Box Support

FAA-PMA
APPROVED

- Applicability: Continental engines
A65, A75, C75, C85, C90, O-200

UA35917 \$126.64



Engine Mount Bushings

FAA-PMA
APPROVED

- Rubber
- Used on all A and C series Continental engines
- 8 required per installation
- Priced and sold individually

Continental Bushings U22387A \$6.88

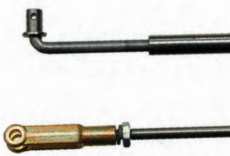


Throttle Control Cable

FAA-PMA
APPROVED

- Applicability: Piper J-3 and PA-11
- Material: Stainless Steel
- Length: 61.25 inches

U12694-002 \$623.29



Cowl Stud

FAA-PMA
APPROVED

- Applicability: Piper J-3 bottom cowl

Cowl Stud U72501-000 \$43.68



Skull Cap Spinner

FAA-PMA
APPROVED

- This spinner may not fit all taper shaft installations

Small Skull Cap Spinner U0450279 \$85.15
Spinner Bracket U0450281 \$30.41
Spinner Assembly SM-SPIN-ASY \$99.43



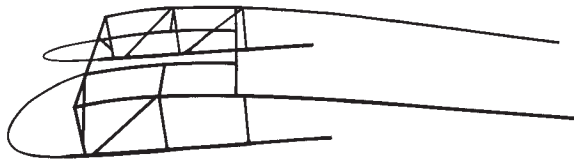
Frame

Description	Part #	Price
Aileron Pulley Plate, Left.....	20951-000	\$13.36
Right.....	20951-001	\$13.36
Latch Link Assembly.....	50192-000	\$83.57
Stabilizer Screw Lower Bearing.....	80022-020	\$12.61

Tail Tie Rod Attach Fitting	80292-015	\$18.52
Front Landing Gear Fitting Gusset.....	81272-015	\$5.57
Stabilizer Adjust Crank Bracket, Left or Right.....	J21571-000	\$14.52
Fabric Reinforcement	U10293-002	\$22.83
Round Clamp	U10466-009	\$55.72
Washer.....	U10469-000	\$0.99
Engine Top Cowl Assembly.....	U10808-000	\$259.52
PA-11 Bottom Cowl Assembly.....	U10809-000	\$402.22
Side Cowl, Left	U10810-000	\$459.77
Right.....	U10810-001	\$459.77
Stringer Attach Clip.....	U20391-000	\$3.48
Tailwheel Spring 'U' Attach Fitting	U20631-000	\$43.69
Front Aileron Pulley Housing Plate (PA-11), Left.....	U20961-000	\$29.08
Right.....	U20961-001	\$12.80
Stabilizer Rear Support Assembly	U21161-000	\$238.34
Landing Gear Front Fitting.....	U21272-002	\$177.60
Wing Hinge Fitting, Left.....	U21421-000	\$48.48
Right.....	U21421-001	\$48.48
Front Wing Front Fitting.....	U21431-000	\$85.37
J-3 Fuselage Cowl — Aluminum*	U23993-000	\$1,115.61
J-3 Fuselage Cowl — Stainless Steel Firewall*	U23993-000S	\$1,089.83
Rudder Pedal Fitting	U24121-002	\$8.24
Door Plunger.....	U50131-000	\$87.38
Door Latch Kit	U52745-000	\$5.07
Yoke Inspection Cover, Left.....	U60571-000	\$26.73
Right.....	U60571-001	\$26.73
Tail Inspection Plate, Left	U60742-000	\$38.43
Right.....	U60742-001	\$38.43
Aileron Pulley Cover	U60752-000	\$65.77
Front Seat Rear Attach Clamp	U81332-009	\$22.36
Engine Mount Bulkhead Bushing.....	U82341-002	\$30.49
Rectangular Inspection Cover.....	U82461-000	\$18.02
Adjustable Stop Screw	U85061-000	\$11.63

* Shipped via motor freight; crate cost CR-BC312 will be added to shipping costs

J-3 Top Deck Superstructure

**FAA-PMA
APPROVED**


J-3 Top Deck Superstructure Assembly.....	U24096-002	\$2,501.60
J-3 Top Cabin Assembly.....	U10561-005	\$1,754.30

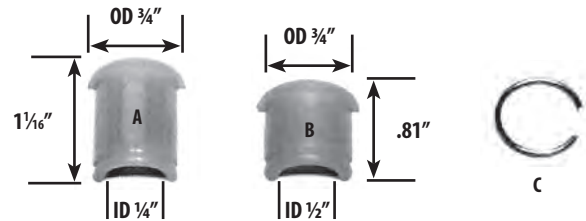
Round Inspection Plates

Original Piper Style, 4.75" Diameter	
U12761-002	\$49.20
Generic Equivalent, 4.75" Diameter	
483-10.....	\$2.25



Fairleads

- Fairlead halves are priced and sold individually

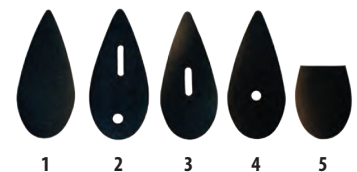


A) Long Fairlead Segment.....	U40701-000	\$1.37
B) Short Fairlead Segment.....	U40071-000	\$1.38
C) Snap Ring	U40081-000	\$0.51

Piper J-3 Reinforcement Patches

- Made of black vinyl
- #1 through 4 are approximately 4.5" high by 2" wide
- #5 is approximately 2 1/4" high by 2" wide

1) U60481-000	\$7.71
2) U60863-002	\$4.30
3) U60863-003	\$4.35
4) U60863-005	\$9.64
5) U60863-009	\$11.78



Piper J-3 and PA-11 Grommets



1) Grommet, Stabilizer Yoke Inspection	U10292-000	\$13.65
2) Grommet, Wing Root Reinforcing	80122-051	\$4.37
3) Grommet, Rear Stabilizer Inspection	U10293-000	\$11.25
4) Grommet, Rectangle Inspection Plate	U80541-002	\$15.55
5) Grommet, Wing Pulley Cover	U60671-000	\$12.20

Fuel System

Description	Part #	Price
Fuel Line, Fuel Valve to Strainer (PA-11)	10729-000	\$72.56
Fuel Hose Clamp (PA-11).....	454-903	\$2.56
Flexible Primer Hose (J-3)	496-275	\$10.24
Exhaust Stack Clamp	70591-003	\$37.30
Fuel Primer Inlet Tube	71242-006	\$72.01
Fuel Primer Outlet Tube	71242-007	\$52.24
Fuel Tank Strap (PA-11).....	U10649-000	\$103.37
Fuel Tank Cover (PA-11)	U10657-000	\$425.19

PIPER J-3 • PA-11

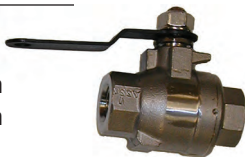
Fuel Gauge (PA-11)	U10804-000	\$239.51
Fuel Gauge Elbow (PA-11)	U10834-000	\$117.72
Wing Fuel Tank Assembly, Left	U10849-000	\$2,406.99
Fuel Strainer Bowl	U12764-000	\$143.56
Primer Jet, Straight Type	U31197-000	\$62.86
Fuel Valve Control Cable Assembly (J-3)	U41471-000	\$368.10
Engine Primer Pump Assembly	U451-100	\$440.18
Fuel Cap (PA-11)	U60750-002	\$135.78
Fuel Hose	U70322-002	\$193.12
Cable Swivel Fitting, Cabin Heat (J-3)	U70371-000	\$59.67
Fuel Control Clamp (J-3)	U70771-000	\$61.54
Fuel Valve Assembly (J-3)	U70781-000	\$210.06
Flexible Oil Pressure Hose	U71061-000	\$150.60
Engine Mount (J-3, Continental 65hp)	U71163-000	\$1,256.97
Gascolator Mounting Bracket	U71991-000	\$89.87
Fuel Tank Strainer	U72091-000	\$72.72
Gascolator Nut (PA-11)	U72302-003	\$22.40
Fuel Line (J-3)	U72432-000	\$155.93
Nose Cowl Bracket, Right (J-3)	U72571-000	\$114.15
Gascolator Wire Bail	U750-268	\$45.15
Fuel Strainer Screen	U750-272	\$3.03
Gascolator Bowl Seat	U750-273	\$19.85
Primer Pump Bushing	U80012-065	\$15.51
Fuel Tank Strap Stud (PA-11)	U80111-000	\$25.26
Fuel Tank Filler Neck Grommet (J-3)	U80122-048	\$8.62
Flexible Fuel Hose (PA-11)	U82371-006	\$31.28
Fuel Tank Outlet Flexible Hose (PA-11)	U82371-010	\$30.79
Gascolator Gasket	U85012-032	\$4.40
Gascolator Cover	U87477-002	\$128.97

Fuel Valve

**FAA-PMA
APPROVED**

- Applicability: Piper J-3

This new valve has a stainless steel ball seated in an inert composite seat. This improved design eliminates the stiff and hard operation.



Fuel Valve Assembly (pictured)	U70781-000	\$210.06
Fuel Valve Control Cable Assembly	U41471-000	\$368.10

Piper Gascolator

**FAA-PMA
APPROVED**

- Metal bowl with quick drain

Piper Gascolator	U14330-002	\$315.59
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Fuel Gauge

- Applicability: Piper J-3



Fuel Gauge Assembly	U71041-000	\$201.84
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Fuel Drain Items

- Applicability: J-3, J-4, PA-15/17 frame fuel tanks with 3/8 inch NPT drain boss

45° Pipe Elbow	AN915-3D	\$28.06
Pipe Thread Reducer Bushing	AN912-3D	\$9.34
Drain Valve	22179-000	\$30.66
Plastic Tube (3 feet required for AD 85-06-04)	189-543	\$0.95/ft

12 Gallon Fuel Tank

**FAA-PMA
APPROVED**

- Applicability: Piper J-3

Fuel Tank	U70723-000 ..	\$1,059.99
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Strap Assemblies

Forward Upper	U70462-000	\$202.39
Forward Lower	U70451-003	\$103.37
Rear Upper	U70472-000	\$168.14
Rear Lower	U70451-002	\$69.18

Fuel Gauge for PA-11

Fuel Gauge Assembly	U10804-000	\$239.51
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Replacement Parts

Fuel Gauge Housing	U10837-000	\$130.71
Fuel Gauge Elbow	U10834-000	\$117.72
Fuel Gauge Bushing	U10847-000	\$24.41
Fuel Gauge Glass Sight Tube	U10852-000	\$24.37
Cork Washer	U85012-051	\$5.82
Float Ball	U10853-000	\$7.65

Landing Gear • Chassis

Description	Part #	Price
Landing Gear Hardware Kit	750-611	\$226.50
Landing Gear Vee Bushing	80022-026	\$16.21
Shock Cord Cover, 14 inches (PA-11)	U10566-000	\$91.14
Shock Cord Cover End Plate (PA-11)	U10567-000	\$101.91
Landing Gear Vee, Uncovered, Left (J-3)	U30452-000	\$1,122.20
Right	U30452-001	\$1,122.20
Axle Nut	U30491-000	\$80.99
Long Tailwheel Spring (J-3)	U30512-003	\$66.49
Tailwheel Spring Attach Clamp	U30531-000	\$33.17
Tailwheel Spring Top Pad	U30541-002	\$11.95
Landing Gear Bushing	U80022-063	\$16.68
Bungee Pulley Housing	U81381-000	\$83.37
Entry Step Assembly	U81903-002	\$299.11

Landing Gear

**FAA-PMA
APPROVED**

Landing Gear, Uncovered, Left	U10033-006	\$1,039.24
Right	U10033-005	\$921.60

Shock Cords

- Priced and sold individually

J-3, S/N 1 to 8277, Standard	U30462-002	\$48.76
J-3, S/N 8278 and up, Standard	U31322-005	\$42.90
J-3, Cold Weather	1280-CW	\$42.37
J-3, PA-11, Heavy-Duty Cold Weather	1280HD-CW	\$54.99
PA-11, Standard	U31322-000	\$64.65
PA-11, Cold Weather	1280-CW	\$42.37

Shock Cord Covers



Original Vinyl J-3 Shock Cord Cover, Pair..... U31073-000 **\$106.50**

- FAA-PMA approved
- Sold as a pair

Velcro-type Shock Cord Cover.....31073-SC **\$77.96**

- Allows for easy installation and removal
- Sold as a pair

Landing Gear Parts

**FAA-PMA
APPROVED**


1) Cabane Vee Assembly

J-3, S/N 8278 and up*, and all PA-11 U30602-006 **\$447.03**

* Required on J-3's upgraded to 1220 gross weight

2) Short Shock Strut

J-3, S/N 1 to 8277 U30442-006 **\$428.27**

J-3, S/N 8278 and up, and all PA-11 U31392-000 **\$599.10**

Leather Bumper..... U81232-030 **\$4.52**

3) Long Shock Strut

J-3, S/N 1 to 8277 U30562-000 **\$350.28**

J-3, S/N 8278 and up U31382-000 **\$393.08**

PA-11 (10537-000)..... U10537-002 **\$474.53**

4) Shock Strut Assembly

J-3, S/N 8278 and up U31423-000 **\$1,142.32**

PA-11..... U10536-002 **\$1,297.07**

Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask CUB-MASK..... **\$17.45**



Piper Hub Caps

**FAA-PMA
APPROVED**

Steel

- For original 8.00 x 4 Goodrich wheels
- Stamped cap has "CUB" in raised lettering

Stamped U31702-000 **\$60.01**

Plain (Primed Only)..... U31702-002 **\$49.20**



Aluminum

- For 6.00 x 6 Cleveland conversion wheels
- Stamped cap has "CUB" in raised lettering

Stamped with "CUB" U1680-00 **\$41.24**

Plain (Bare Aluminum) U1680-02 **\$35.69**



Rudder Arm

- Supersedes part numbers 1140 and 750-330
- Applicability: Piper J-3, L-4, NE-1, NE-2, J-4, L-4E, L-4F, PA-11, AE-1, HE-1, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, L-18C, L-21A, L-21B, PA-19, PA-25



Rudder Arm..... U1140A-000 **\$229.88**

Tailwheel Springs

**FAA-PMA
APPROVED**

- Applicability: Piper J-3, PA-11



Complete Set..... J3TWSHR **\$200.17**

Tailwheel Spring, Top Leaf..... U30522-000 **\$59.02**

Tailwheel Spring, Middle Leaf..... U30512-002 **\$78.35**

Tailwheel Spring, Main Leaf..... U30512-004 **\$74.91**

Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.

McCauley Aluminum Fixed-Pitch Propellers

J-3C, Continental C-85 CM7138 **\$5,162.90**

J-3C, Continental C-85 CM7142 **\$5,679.19**

J-3C, PA-11, Continental C-85 CM7144 **\$5,679.19**

J-3C, PA-11, Continental C-85, C-90 CM7146 **\$5,679.19**

PIPER J-3 • PA-11

J-3C, Continental C-90	CM7148	\$5,679.19
PA-11, Continental C-90	CM7149	\$4,728.80
J-3C, PA-11S, Continental A-65	CM7443	\$5,503.14
J-3C, PA-11, PA-11S, Continental A-65	CM7445	\$4,728.80
J-3C, Continental C-75	CM7447	\$4,728.80
J-3C, Continental C-75	CM7449	\$4,728.80

Sensenich Aluminum Propellers

J-3C, Continental A-65	74CK-0-40	\$5,884.50
PA-11S, Continental A-65	74CK-0-42	\$5,884.50
J-3C, PA-11, Continental A-65	74CK-0-44	\$5,884.50
J-3C, PA-11, Continental A-65	74CK-0-46	\$5,884.50
J-3, Continental A-75, Lycoming O-145	74CK-2-36	\$5,884.50
PA-11S, Continental C-90	76AK-2-40	CALL
J-3, Continental C-85	76AK-2-42	CALL

Sensenich Wood Propellers

J3C, PA-11, Continental A-65	W72CK42-SB	\$3,585.00
J-3, Continental C-85	W72GK44-SB	\$3,585.00
J3C, Continental A-75	W70DK-40	\$3,550.00
J-3, Continental C-75	W70DK-42	\$3,550.00
J-3, Lycoming O-145	W70LY-34	\$3,550.00
J-3, Lycoming O-145	W70LY36	\$3,550.00
J-3C, PA-11, Continental A-65	W72CK42	\$3,550.00
J-3, PA-11, Continental A-65	W72CK44	\$3,550.00
J-3, Franklin 4AC	W72F44	\$3,550.00
J-3, Continental C-85	W72GK44	\$3,550.00
J-3, Continental C-85	W72GK46	\$3,550.00
J-3, Continental C-90	W72GK48	\$3,550.00
PA-11, Continental C-90	W72GK52	\$3,550.00

Propeller Bolt Kits

McCauley Bolt Kit, CM Series Flange Shaft	UB4622-9	\$203.88
McCauley Bolt Kit, CM Series Taper Shaft	UB4622-42	\$217.69

Tail Section

Description	Part #	Price
Model 'S' Tail Light Bracket	0400-113	\$37.07
Stabilizer Wire Clamp	80002-015	\$22.58
Rudder Attach Hardware Kit	PSK-1	\$44.15
Elevator Attach Hardware Kit	PSK-2	\$77.74
Stabilizer Yoke Inspection Grommet	U10292-000	\$13.65
Rear Stabilizer Inspection Grommet	U10293-000	\$11.25
Rudder Arm	U1140A-000	\$229.88
Strobe Light Bracket	U15722-002	\$164.81
Clevis Washer	U40131-000	\$9.60
Fin Leading Edge Fairing	U60602-000	\$132.17
Long Bushing	U80022-044	\$1.33
Short Bushing	U80022-045	\$1.68
Rectangle Inspection Plate Grommet	U80541-002	\$15.55

Stabilizer Rear Liner Tube, 8 Inch	U86062-079	\$102.53
Stabilizer Liner Tube, 16 Inch	U86062-080	\$136.05

Elevator Assembly

**FAA-PMA
APPROVED**

- Uncovered
- Includes bushings

95hp	U40572-000	\$708.52
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Horizontal Stabilizer

**FAA-PMA
APPROVED**

- Uncovered
- Left or right
- Includes bushings

95hp	U40643-000	\$833.55
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Rudder Assembly

**FAA-PMA
APPROVED**

- Made of 4130 steel tube since 1976
- Uncovered

Rudder Assembly	U41313-000	\$831.46
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Tail Brace Wires

**FAA-PMA
APPROVED**

- Round type to comply with AD 60-01-07
- Stainless steel wires and clevis



Upper Wire Assembly	U10555-002	\$220.10
Lower Wire Assembly	U10556-002	\$220.10
Original Installation Kit*	10555-KIT	\$73.66

* This kit provides the necessary hardware for installing round tail brace wires when replacing streamlined wires.



Top wire clevis Bottom wire clevis Square washer Brass nipple

Upper Tail Brace Wire	U41031-002	\$44.54
Lower Tail Brace Wire	U41031-003	\$39.18
Top Wire, Upper Clevis (40521-008)	U61341-003	\$35.12
Top Wire, Lower Clevis (40521-007)	U61341-002	\$46.52
Bottom Wire, Upper Clevis (40521-009)	U61341-004	\$50.67
Bottom Wire, Lower Clevis (40521-010)	U61340-000	\$46.52
Square Washer	U81102-002	\$6.42
Brass Nipple	U41051-000	\$32.04
Plain Hex Nut	AN315-5	\$0.26
Spacer Bushing	U82732-072	\$6.80

Vertical Stabilizer

**FAA-PMA
APPROVED**

- Applicability: Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-18
- Uncovered
- Includes bushings

Vertical Fin U40592-000 **\$594.01**



Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Piper J-3

Windshield.....	10009-000	\$255.42
Skylight.....	10056-000	\$86.13
Left Front Triangle Window	10041-000	\$60.89
Left Pilot Sliding Window Assembly.....	U50761-000	\$251.86
Left Pilot Sliding Window, Glass Only.....	U50761-002	\$72.50
Left Rear Window.....	10046-000	\$83.16
Right Rear Window	10047-000	\$69.05
Door Window	10051-000	\$108.41

Piper PA-11

Windshield.....	10673-000	\$306.65
Skylight.....	10056-000	\$86.13
Left Front Triangle Window	10041-000	\$60.89
Sliding Window Assembly.....	U50761-000	\$251.86
Sliding Window, Glass Only.....	U50761-002	\$72.50
Left Rear Window.....	10544-000	\$83.16
Right Rear Window	10545-000	\$56.43
Door Window	10051-000	\$108.41

Wings

Description	Part #	Price
Pulley Bracket Housing	82732-022	\$20.87
Fuel Tank Cover Support Plate (PA-11)	10633-000	\$81.71
Front Spar Rear Angle Brace.....	12692-005	\$11.10
Rear Spar Front Angle Brace.....	12692-006	\$11.55
Round Inspection Ring.....	483-15	\$1.01
Butt Fitting Attach Bushing	80022-031	\$13.09
Air Speed Tubing Grommet	80122-051	\$4.37
Drag Strut 'N' Brace Tube	U10112-007	\$97.98
Drag Strut Lock Bolt Plate	U10151-000	\$3.24

Drag Wire Fittings

for #2 and #3 Drag Strut.....	U10161-004	\$16.42
for #4 Drag Strut.....	U10161-005	\$16.42
for #5 Drag Strut.....	U10171-003	\$7.65
for #1 and #2 Drag Strut.....	U10171-004	\$7.65
Tie Rod Clevis.....	U10221-000	\$18.61
Front Spar Butt Hinge Fitting.....	U10401-000	\$48.13
Fabric Former, Left	U10531-000	\$70.10
Right.....	U10531-001	\$95.43
Pulley Housing (PA-11)	U10552-000	\$56.12
Drag Brace Tube	U10641-000	\$125.16
#3 Drag Strut Pulley Bracket (PA-11)	U10644-000	\$99.10
Fuel Tank Cover	U10657-000	\$425.19
Aileron Hinge Bracket	U10912-006	\$111.64
Aileron Hinge Bracket Clamp	U10931-002	\$24.07
Flap Return Spring	U10940-000	\$35.25
#1 Channel Brace	U12252-002	\$13.65
#3 Channel Brace	U12252-003	\$17.71
Wing Channel Brace	U12252-004	\$13.65
Wing Channel Brace	U12252-005	\$13.65
#2 Channel Brace	U12252-008	\$16.05
Leading Edge Attach Plate	U12331-002	\$5.86
Rear Spar Fitting	U12502-002	\$129.55
Rear Spar Fitting	U12502-003	\$129.55
Rear Spar Jury Strut Fitting.....	U12581-000	\$22.29
Inspection Hole Plate	U12761-002	\$49.20
Rear Spar Butt Fitting (Wood Spar J-3).....	U12791-000	\$98.85
Front Spar Butt Fitting (Wood Spar J-3).....	U12801-000	\$89.45
Bracket Assembly, Center Left.....	U12992-000	\$725.40
Center Right	U12992-001	\$725.40
Inboard False Spar, Left.....	U13092-002	\$99.02
Right.....	U13092-003	\$94.73
Outboard False Spar, Left	U13092-004	\$99.10
Right.....	U13092-005	\$93.88
Aileron False Spar Gusset.....	U13171-000	\$39.35
#2 and #3 Drag Strut Cable Guide Clamp (J-3).....	U13481-000	\$36.43
Rear Spar Butt Hinge Fitting	U14161-000	\$38.05
Rear Spar Lift Strut Fitting Assembly (J-3)	U14182-000	\$37.21
Front Spar Lift Strut Fitting Assembly (J-3).....	U14192-000	\$54.47
#5 Drag Strut.....	U14222-000	\$183.54
#2 and #3 Drag Strut.....	U14222-002	\$176.69
#1 Drag Strut Assembly	U14232-000	\$118.80
Pulley Housing on Front Spar.....	U14261-000	\$20.30
Rear Spar Lift Strut Fitting Filler Block	U14271-000	\$39.25
Center Aileron Hinge Bracket Attach Angle, Left	U14291-000	\$22.42
Right.....	U14291-001	\$22.03
Jury Strut Rear Fitting Attach Angle.....	U14361-002	\$16.70
Jury Strut Front Fitting Attach Angle	U14361-003	\$32.36
Jury Strut Rear Fitting and Filler Block	U14371-002	\$36.76
Jury Strut Front Fitting and Filler Block.....	U14371-003	\$36.71
Front Spar #1 Strut Reinforcement Angle.....	U14401-002	\$15.51
Front Spar #2 Strut Reinforcement Angle.....	U14401-003	\$24.87
Front Spar #3 Strut Reinforcement Angle.....	U14401-004	\$13.80

PIPER J-3 • PA-11

Front Spar #5 Strut Reinforcement Angle.....	U14401-005	\$25.79
Rear Spar #2 Strut Reinforcement Angle.....	U14411-002	\$14.33
Rear Spar #3 Strut Reinforcement Angle.....	U14411-003	\$18.15
Rear Spar #5 Strut Reinforcement Angle.....	U14411-004	\$13.38
Lift Strut Front Spar Filler Block (J-3).....	U14461-000	\$49.96
#1 Drag Strut Fairlead Clamp (J-3).....	U14491-000	\$67.85
Aileron False Spar Brace.....	U14541-000	\$60.58
Aileron Pulley Attach Angle, Right.....	U14571-001	\$6.73
Aileron Horn Stop.....	U14581-000	\$241.16
Aileron Pulley Inboard ½" Bracket, Left.....	U14611-000	\$15.29
Right.....	U14611-001	\$18.08
Outboard Aileron Pulley Bracket, Left.....	U14621-000	\$43.89
Right.....	U14621-001	\$43.89
Inboard False Spar, Left.....	U15562-000	\$74.03
Right.....	U15562-001	\$74.03
Outboard False Spar, Left.....	U15572-000	\$69.28
Right.....	U15572-001	\$69.28
Inboard Trailing Edge.....	U15593-000	\$112.99
Front Lift Strut Fitting Spacer.....	U15631-002	\$19.06
Rear Lift Strut Fitting Spacer.....	U15631-003	\$19.06
Leading Edge Reinforcement.....	U15742-000	\$47.98
Wing Trailing Edge.....	U15773-000	\$93.32
#3 Drag Strut Cable Guide Bracket.....	U16201-000	\$21.51
Upper 'N' Brace Tube.....	U16462-000	\$138.07
Lower 'N' Brace Tube.....	U16472-000	\$138.55
Front Spar Bow Rear Fitting.....	U16551-000	\$22.38
Front Spar Bow Front Fitting.....	U16561-000	\$17.00
Rear Spar Bow Front Fitting.....	U16601-000	\$17.16
Rear Spar Bow Rear Fitting.....	U16611-000	\$12.50
Pulley Housing.....	U41291-000	\$58.71
Aileron Stop, Wood Spar, Round.....	U41431-000	\$138.34
Cable Fairlead.....	U42911-000	\$13.96
Wooden Wingtip Bow.....	U453-126	\$48.44
Lower Front Fairing (J-3 Friese Type).....	U60361-000	\$28.04
Lower Rear Wing Fairing (J-3 Friese Type), Left.....	U60371-000	\$68.43
Right.....	U60371-001	\$68.43
Reinforcement Patch.....	U60481-000	\$7.71
Yoke Inspection Cover, Left.....	U60571-000	\$28.06
Right.....	U60571-001	\$28.06
Wing Pulley Cover Cup Grommet.....	U60671-000	\$12.20
Top Root Fairing (Wood Spar J-3 Friese), Left.....	U60711-000	\$96.97
Right.....	U60711-001	\$115.95
Wing Pulley Fairing Cover Cup.....	U60752-000	\$69.06
Upper Wing Fairing, Left.....	U60772-000	\$70.53
Right.....	U60772-001	\$70.53
Lower Rear Wing Fairing, Left.....	U60782-000	\$48.76
Right.....	U60782-001	\$46.16
Metal Wing Root Fairing, Front Bottom Left.....	U60792-000	\$64.47
Wing Root Fairing, Left.....	U60803-000	\$34.44
Right.....	U60803-001	\$34.44
Wing Butt Rear Fairing.....	U60882-000	\$31.05
Metal Wing Fitting Attach Bushing.....	U80012-016	\$14.01
Wing Drain Grommet.....	U80122-053	\$4.30

Rectangular Inspection Plate Grommet.....	U80541-002	\$15.55
Tie Rod Clevis Square Washer.....	U81102-003	\$4.81
Wingtip Grommet.....	U81232-015	\$2.31
Aileron Control Attach Link.....	U81262-036	\$19.31
Aileron Cable Link.....	U81352-011	\$10.96
Rectangular Inspection Cover.....	U82461-000	\$18.92
Pulley Bracket Spacer Bushing.....	U82732-024	\$18.45
Inspection Cover Grommet.....	U85012-078	\$9.44

Drag Wires

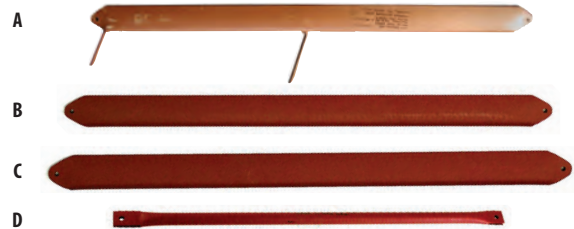
FAA-PMA
APPROVED



J-3 wood spar, 32.75".....	U14941-002	\$56.01
J-3 metal spar, PA-11, 48.875".....	U14941-004	\$41.16
J-3 metal spar, PA-11, 49.125".....	U14941-005	\$56.01
J-3 metal spar, PA-11, 45.19".....	U14941-006	\$31.78
J-3 metal spar, PA-11, 56.75".....	U14941-007	\$37.38

Jury Struts

FAA-PMA
APPROVED



A) Front Jury Strut, Left (With Pitot Tube).....	U12931-000	\$281.40
B) Front Jury Strut, Right.....	U12571-002	\$136.02
C) Rear Jury Strut, Left or Right.....	U12571-003	\$136.02
D) Jury Strut Spacer Tube (J-3).....	U12591-000	\$105.20
Jury Strut Spacer Tube (PA-11).....	U12591-002	\$90.25

Ailerons, Uncovered

FAA-PMA
APPROVED

- Applicability: Serial numbers 2625 and up



Uncovered Aileron Assembly, Left.....	U42585-000	\$1,625.88
Right.....	U42585-001	\$1,625.88

Metal Wing Spars

FAA-PMA
APPROVED

- Not interchangeable with wood spars

Front Spar, Left.....	U14383-002	\$787.76
Right.....	U14383-003	\$537.22
Rear Spar, Left.....	U14453-002	\$501.27
Right.....	U14453-003	\$787.76

Aluminum Bearing Block Repair Kit **STC APPROVED**

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.

- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
- Provide aircraft model, registration numbers, and serial number when ordering

Piper Bearing Block Repair Kit.....STC-SA02128LA **\$389.58**

Struts and Clamps **FAA-PMA APPROVED**

End repetitive AD inspections of your struts and forks with Univair's new sealed and oiled wing struts with $\frac{3}{8}$ inch fork (comply with AD 2015-08-04). Struts include forks.

J-3

Front Lift Strut (complies with AD 2015-08-04)..... U85547-002 **\$881.51**
 Rear Lift Strut (complies with AD 2015-08-04)..... U85548-002 **\$719.94**
 Front Jury Strut Clamp U12601-000 **\$94.12**
 Rear Jury Strut Clamp U12611-000 **\$47.26**

PA-11

Front Lift Strut (complies with AD 2015-08-04)..... U85554-002 **\$881.51**
 Rear Lift Strut (complies with AD 2015-08-04)..... U85555-002 **\$780.98**
 Front Jury Strut Clamp U10654-000 **\$111.92**
 Rear Jury Strut Clamp U10656-000 **\$37.94**

Lift Strut Forks **FAA-PMA APPROVED**

- High strength, heavy-duty lift strut forks
- Stainless steel



1) Original Style $\frac{7}{16}$ inch Fork
 (Complies With AD 81-25-05)..... U13770-003 **\$122.16**
 2) New $\frac{3}{8}$ inch Rolled Threads, heavy-duty fork for
 use with sealed struts (complies with AD 2015-08-04;
 comes with AN316-10 Nut)..... U1600-01 **\$179.88**

Door Latch Kit **FAA-PMA APPROVED**

- Applicability: Piper J-3, J-4, J-5, PA-11, PA-12, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, PA-25
- Kit includes stud, catch and screws



U52745-000 **\$5.32**

Toll Free Sales • 1-888-433-5433

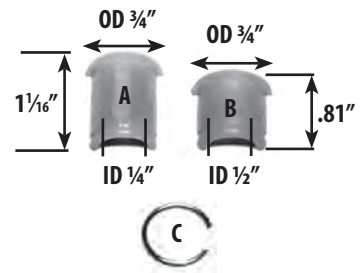
Shop online at www.univair.com

Fairleads and Snap Ring

**FAA-PMA
APPROVED**

- Fairlead halves are priced and sold individually

A) Long Fairlead Segment
 U40701-000 **\$1.37**
 B) Short Fairlead Segment
 U40071-000 **\$1.38**
 C) Fairlead Snap Ring
 U40081-000 **\$0.51**



Piper Rib Repair Sections **FAA-PMA APPROVED**

- Applicable to Piper truss type ribs



A) Rib Diagonal Brace (18 inches) U750-287 **\$15.22**
 B) Rib Repair Splice (12 inches) U16651-004 **\$12.27**

Wing Leading Edge Skins **FAA-PMA APPROVED**

- Applicability: Piper J-3 and PA-11 metal spar wings

Inboard LE Skin, Left PA-11 U10630-000 **\$219.44**
 Inboard Center LE Skin, Left PA-11 U10631-000 **\$185.51**
 Outboard LE Skin, Left or Right J-3, PA-11 U13072-005 **\$79.01**
 Inboard LE Skin, Left J-3 U15472-000 **\$220.75**
 Right J-3, PA-11 U15472-001 **\$225.75**
 Center LE Skin, Left J-3, PA-11 U15482-000 **\$192.59**
 Right J-3, PA-11 U15482-001 **\$191.63**
 Tip LE Skin, Left J-3, PA-11 U15723-000 **\$300.27**
 Right J-3, PA-11 U15723-001 **\$300.27**



**1946 Piper J-3 Cub at the
Thunder Over the Rock Air Show**

U.S. Air Force photo by
Staff Sgt. Chris Willis

PIPER PA-12 • PA-14

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Brake System

Description	Part #	Price
Upper Parking Brake Cable, Galvanized.....	U40123-024	\$94.49
Stainless Steel	U40123-024S	\$144.41
Lower Parking Brake Cable, Galvanized.....	U40123-025	\$35.26
Stainless Steel	U40123-025S	\$42.34
Brake Pedal Outboard Bearing Block.....	U41521-000	\$105.99
Brake Pedal Tie Rod	U41581-009	\$82.97
Brake Pedal Assembly, Left	U41602-000	\$218.91
Right.....	U41602-001	\$218.91
Master Cylinder Diaphragm	U750-384	\$46.01

Flexible Brake Lines

**FAA-PMA
APPROVED**



Flexible Brake Line, 6"	U71061-002	\$253.81
Flexible Brake Line, 14.25"	U71061-004	\$186.98

Cleveland Wheels & Brakes Kit

Convert from your Goodrich wheels and brakes to the new Cleveland Wheels & Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC-SA11RM-1.25 when you purchase this kit and we include it at no charge.



Conversion Kit 199-07100 **\$3,996.91**

Installation May Require:

Lines (2 required).....	U60703-002	\$76.03
90° Elbows (2 required) (558-819).....	502X4	\$16.24
90° Elbows (2 required) (460-677).....	402X4	\$5.08
STC, for 1¼ inch axle*	STC-SA11RM-1.25*	\$138.51
Stamped Metal "CUB" Hubcaps:		
6.00 x 6 for Cleveland Conversion wheels.....	U1680-00	\$41.24
Cub Mask (set of 2)	CUB-MASK	\$17.45

* Free upon request when you purchase full kit 199-07100

Goodrich Brake Assembly Parts

- Applicability: Pipers with 8.00 x 4 wheels
- While supplies last!

Brake Block (750-033)	B27-59-1	\$76.67
Spring (750-029)	B21-35	\$11.18
Shield (750-093)	A72-30	\$31.02



Master Cylinder

**FAA-PMA
APPROVED**

Detail replacement parts available.
See page 299 for listing.

Left Assembly	U1248A	\$1,422.79
Right Assembly	U1260A	\$1,422.79



Master Cylinder Brake Pedal

**FAA-PMA
APPROVED**

Univair has produced a master cylinder brake pedal that can be used on the Scott Master Cylinder on Piper J-3, PA-11, PA-12, and PA-18 aircraft. This pedal has a symmetrical design that replaces the separate left and right brake pedals (P/N 1712 and 1714).

This is a high quality part machined from a single billet of aluminum which eliminates any issues of voids associated with castings.

- Applicability: Piper J-3, PA-11, PA-12, PA-18
- Symmetrical design replaces separate left and right pedals

Master Cylinder Brake Pedal.....	U1715A	\$247.22
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Grove 800 x 4 Disk Brake Conversion **STC APPROVED**

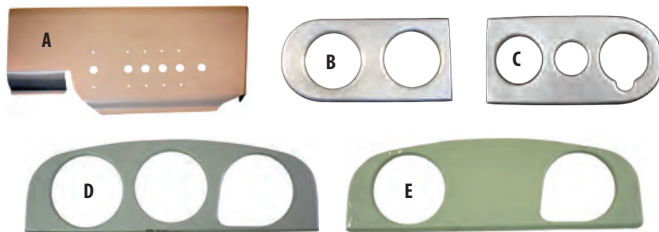
- For Goodrich wheels and brakes only
- Maintain your classic look
- Use your existing wheels, tires, tubes, master cylinder and brake lines
- Easy installation – all parts and special tools included

Grove Brake Conversion Kit 76002 **\$999.00**

Cockpit • Interior

Description	Part #	Price
Top Instrument Panel Cover	10297-000	\$218.13
Fuse Terminal Jumper	10438-000	\$16.80
Insulator Strip	10443-000	\$24.15
Seat Spring, 14 inches.....	487-272	\$42.50
Seat Spring, 19.5 inches.....	487-274	\$71.14
Front Seat Back Canvas, Black	52552-000	\$97.50
Rear Seat Sling Canvas, Black.....	52563-000	\$195.00
Escutcheon Plate Grommet.....	80122-054	\$11.04
Rear Window Trim Strip, Left Upper	U10341-000	\$78.43
Inside Door Panel	U10386-000	\$312.42
Throttle Lever Knob, Black.....	U10911-000	\$13.06
Battery Cable Insulator Plate.....	U11422-000	\$47.00
Jury Strut Eye Bolt.....	U11601-000	\$59.46
Fairing Seal	U19795-000	\$28.44
Front Throttle Arm	U41491-002	\$202.34
Rear Throttle Arm.....	U41491-003	\$182.02
Throttle Lever Connecting Link	U41551-000	\$64.40
Flap Lever Spring	U50111-000	\$4.02

Instrument Trim Panels

**FAA-PMA
APPROVED**


A) Switch Panel Cover	U10176-000	\$79.31
B) Instrument Panel Cover, Left.....	U10298-000	\$261.08
C) Right	U10299-000	\$261.08
Throttle Panel Cover (not pictured).....	U10382-000	\$296.89
D) Instrument Panel Top Cover, 3-hole	U10854-000	\$256.40
E) 2-hole.....	U10854-002	\$256.40

PA-12 Throttle Control Cable

**FAA-PMA
APPROVED**

- Applicability: Piper PA-12 with electrical system
- Supersedes part numbers 12694-002, 41541-00, 41541-02

Throttle Control Cable, 61.25" U12694-002 **\$623.29**

Blank Instrument Panel

**FAA-PMA
APPROVED**

- Applicability: Piper PA-12
- Includes blank panel and top cover (not sold separately)



Blank Instrument Panel (A) and Top Cover (B) CSI-1017 **\$140.20**

Control System

Description	Part #	Price
Upper Tail Brace Fitting.....	U10075-003	\$35.54
Lower Tail Brace Fitting.....	U10075-004	\$37.34
Aileron Trailing Edge, Inboard	U10528-002	\$94.22
Aileron Trailing Edge, Outboard.....	U10528-004	\$90.19
Tail Brace Upper Wire Assembly	U10555-002	\$220.10
Tail Brace Lower Wire Assembly	U10556-002	\$220.10
Control Knob, Black.....	U10911-000	\$13.06
Fairlead 'U' Bracket	U11151-000	\$9.41
Rudder Arm.....	U1140A-000	\$229.88
Outboard Leading Edge Cover, Left	U11683-002	\$40.48
Right.....	U11683-003	\$65.88
Inboard Leading Edge Cover, Left.....	U11683-004	\$47.53
Right.....	U11683-005	\$68.83
Flap Trailing Edge.....	U11684-000	\$55.84
Flap Assembly, Uncovered, Left.....	U11686-000	\$1,454.44
Right.....	U11686-001	\$1,454.44
Stabilizer Tube Yoke Link	U14180-002	\$327.14
Rudder Pedal Fitting, Front	U24121-002	\$8.65
Rudder Pedal Fitting, Rear	U24121-003	\$8.65
Aileron Bellcrank, Left.....	U40092-000	\$359.69
Right.....	U40092-001	\$359.69
Control Stick.....	U40231-000	\$130.25
Aileron Spar	U40301-004	\$74.74
Aileron/Flap Rib	U40321-002	\$17.80
Aileron/Flap Rib	U40321-003	\$27.21
Aileron Bulkhead, Flange Facing Left	U40391-002	\$22.54
Flange Facing Right	U40391-003	\$19.35
Outboard Leading Edge Cover	U40401-002	\$58.64
Center Outboard Leading Edge Cover, Right.....	U40401-003	\$62.33
Left	U40401-006	\$44.54
Center Inboard Leading Edge Cover, Right	U40401-007	\$75.61
Left	U40401-004	\$58.64
Inboard Leading Edge Cover, Right	U40401-005	\$43.06
Left	U40401-008	\$44.54
Tube Aileron Tip	U40421-002	\$70.94
Aileron Bulkhead, Flange Facing Left	U40451-002	\$11.44
Flange Facing Right	U40451-003	\$11.44
Elevator Assembly, Uncovered, Left or Right	U40572-000	\$708.52
Inboard Aileron Brace, Left.....	U40581-002	\$15.52

PIPER PA-12 • PA-14

Outboard Aileron Brace, Right.....	U40581-003	\$19.95
Vertical Stabilizer, Uncovered.....	U40592-000	\$594.01
Rudder Assembly, Uncovered.....	U40622-000	\$871.92
Horizontal Stabilizer, Uncovered, Left or Right.....	U40643-000	\$833.55
Elevator Bellcrank Assembly.....	U40663-004	\$862.61
Rudder Pedal, Left.....	U40842-004	\$206.43
Right.....	U40842-005	\$206.43
Upper Tail Brace Wire.....	U41031-002	\$44.54
Lower Tail Brace Wire.....	U41031-003	\$39.18
Stabilizer Adjust Crank.....	U41111-000	\$133.15
Stabilizer Indicator.....	U41121-000	\$36.45
Escutcheon Spring.....	U41151-000	\$10.12
Torque Tube Bearing Shim.....	U41371-005	\$12.51
Stabilizer Screw Pulley Key.....	U41631-000	\$19.06
Aileron Hinge, Inboard or Outboard.....	U41881-000	\$86.84
Outboard Flap Hinge.....	U41881-002	\$117.10
Aileron Center Hinge.....	U42441-000	\$237.01
Aileron Assembly, Left.....	U42555-000	\$2,918.44
Right.....	U42555-001	\$2,918.44
Stabilizer Indicator Wire.....	U42664-003	\$27.50
Aileron Tip Rib.....	U42872-000	\$22.20
Elevator Bellcrank Shim.....	U42941-000	\$15.89
Rod End Bearing.....	U452-335	\$49.26
Flap Lever Spring.....	U50111-000	\$4.02
Fin Leading Edge Fairing.....	U60602-000	\$132.17
Stabilizer Screw Pulley Washer.....	U81342-005	\$9.77
Bungee Pulley Housing.....	U81381-000	\$83.37
Bungee Control Cable Spring.....	U81411-002	\$42.46

Yoke and Adjust Screw

FAA-PMA
APPROVED



Stabilizer Adjust Yoke.....	U42692-000	\$303.46
Stabilizer Adjust Screw.....	U42961-102	\$122.12

Control Cables

FAA-PMA
APPROVED

Description	Part #	Price
Rudder, Long, 182 ¹³ / ₁₆ ", Galvanized.....	U40123-002	\$219.57
Stainless.....	U40123-002S	\$205.49
Rudder, Short, 25 ⁹ / ₁₆ ", Galvanized.....	U40123-007	\$152.43
Stainless.....	U40123-007S	\$196.89
Aileron, In Wing, 98 ¹ / ₂ ", Galvanized.....	U40123-018	\$105.30
Stainless.....	U40123-018S	\$155.03
Aileron, Control to Stick, 90 ⁷ / ₈ ", Galvanized.....	U40123-021	\$152.12
Stainless.....	U40123-021S	\$194.32
Elevator, to Upper Horn, 133 ³ / ₈ ", Galvanized.....	U40123-022	\$164.94
Stainless.....	U40123-022S	\$164.71
Elevator, to Lower Horn, 131 ³ / ₄ ", Galvanized.....	U40123-023	\$117.48
Stainless.....	U40123-023S	\$140.85
Upper Parking Brake Cable, 31 ¹ / ₁₆ ", Galvanized.....	U40123-024	\$94.49
Stainless.....	U40123-024S	\$144.41
Lower Parking Brake Cable, 35.0", Galvanized.....	U40123-025	\$35.26
Stainless.....	U40123-025S	\$42.34

Bungee Control, 20 ⁵ / ₁₆ ", Galvanized.....	U40123-035	\$92.16
Stainless.....	U40123-035S	\$110.58
Upper Parking Brake, 31 ¹ / ₁₆ ", Galvanized.....	U40123-024	\$94.49
Stainless.....	U40123-035S	\$110.58
Lower Parking Brake, 35.0", Galvanized.....	U40123-025	\$35.26
Stainless.....	U40123-025S	\$42.34
Aileron Balance Cable, 107.0", Galvanized, Left.....	U40123-053	\$136.80
Right.....	U40123-054	\$140.68
Aileron Cable, 103 ¹ / ₂ ", Galvanized.....	U40123-055	\$134.52
Flap Cable, 8 ¹ / ₂ ", Galvanized.....	U40123-065	\$127.64
Stabilizer Adjust Cable, 309 ³ / ₈ ", Galvanized.....	U41671-005	\$322.08
Stainless.....	U41671-006	\$340.67
Stabilizer Adjust Cable, 326 ⁵ / ₈ ", Galvanized.....	U41671-009	\$322.08
Stabilizer Adjust Cable, 315 ³ / ₁₆ ", Galvanized.....	U41671-012	\$323.77
Piper Special Length Fork.....	U461-132	\$54.62

Liner Tubes

FAA-PMA
APPROVED

Stabilizer Yoke Link Liner Tube, 16 inch (80132-011)	
U86062-080	\$136.05
Stabilizer Rear Liner Tube, 8 inch (80132-010)	
U86062-079	\$102.53



Piper Pulleys

FAA-PMA
APPROVED



Description	O.D.	I.D.	Part #	Price
1) Pulley (Fiber).....	2 ³ / ₄ inch.....	⁵ / ₁₆ inch.....	U41001-008.....	\$66.74
2) Pulley (Fiber).....	1 ³ / ₄ inch.....	¹ / ₄ inch.....	U80421-000.....	\$12.99
3) Pulley (Fiber).....	1 ¹ / ₂ inch.....	¹ / ₄ inch.....	U481-609.....	\$12.50
4) Pulley (Fiber).....	1 inch.....	¹ / ₄ inch.....	U43001-000.....	\$19.09
5) Pulley (Aluminum).....	2 ³ / ₄ inch.....	³ / ₈ inch.....	U43061-000.....	\$126.38
6) Pulley (Aluminum).....	2 ³ / ₄ inch.....	³ / ₈ inch.....	U10080-000.....	\$167.41
7) Pulley (Aluminum).....	4 inch.....	³ / ₈ inch.....	U11008-000.....	\$196.26

NOTES

Concorde Batteries

- Applicability: Piper PA-12
- Valve regulated sealed lead acid batteries



12 Volt, 22 Amp Hour.....	RG-25.....	\$355.00
12 Volt, 24 Amp Hour, Extra Capacity.....	RG-25XC.....	\$410.00
12 Volt, 29 Amp Hour.....	RG-35A.....	\$468.00
12 Volt, 33 Amp Hour, Extra Capacity.....	RG-35AXC.....	\$510.00

Fairleads and Snap Ring

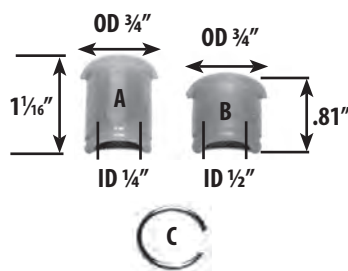
**FAA-PMA
APPROVED**

- Fairlead halves are priced and sold individually

A) Long Fairlead Segment
U40701-000 **\$1.37**

B) Short Fairlead Segment
U40071-000 **\$1.38**

C) Snap Ring
U40081-000 **\$0.51**



Push-Pull Control Cable

- 65" long
- Stainless steel
- Knob not included
- Used for mixture, cabin heat, carb heat and other applications

U16775-000..... **\$81.75**



Electrical System

For strobes, switches, and other related items, see **Lighting • Electrical System** section beginning on page 199.

Description	Part #	Price
Single Wire Assembly, 2.5 Inches.....	10128-021.....	\$1.53
Fuse Terminal Jumper.....	10438-000.....	\$16.80
Solenoid Fuse Block Insulator.....	10443-000.....	\$24.15
Circuit Breaker Jumper.....	11390-000.....	\$2.03
Fuse Block Assembly.....	11718-000.....	\$64.70
Battery Box Cover.....	12045-000.....	\$158.61
Insulator Sleeve.....	90797-002.....	\$2.40
Insulator Sleeve.....	90797-010.....	\$3.82
Navigation Light Wire.....	U10128-028.....	\$37.34
Battery Access Door.....	U10275-000.....	\$306.47
Battery Access Door Frame.....	U10276-000.....	\$442.74
Navigation Light Wire Clip.....	U11061-000.....	\$8.12

Engine • Cowling

Description	Part #	Price
Front Baffle Bracket, Left.....	10173-000.....	\$17.40
Rear Baffle Support Bracket.....	10175-000.....	\$69.44
Front Baffle Hanger Support.....	10415-002.....	\$35.98
Intercylinder Baffle Hanger Support.....	10415-003.....	\$40.69
Engine Baffle Tie Rod.....	71451-004.....	\$21.28
Carburetor Gasket.....	73451-003.....	\$10.49
Intercylinder Engine Baffle, Inner.....	74912-000.....	\$47.09
Muffler Shroud Clip.....	U10430-000.....	\$74.79
Round Clamp.....	U10466-005.....	\$21.77
Tie Rod.....	U10487-000.....	\$20.53
Cowl Mounting Channel, Left.....	U10694-000.....	\$212.91
Right.....	U10694-001.....	\$212.91
Cowl Mounting Bracket.....	U10695-000.....	\$122.02
Exhaust Tailpipe.....	U10863-000.....	\$199.13
Nose Cowl Support Brace.....	U11410-000.....	\$116.32
Throttle Control Cable.....	U12694-002.....	\$623.29
Primer Jet.....	U31197-000.....	\$62.86
Front Throttle Arm.....	U41491-002.....	\$202.34
Rear Throttle Arm.....	U41491-003.....	\$182.02
Throttle Lever Connecting Link.....	U41551-000.....	\$64.40
Muffler Clamp.....	U70591-002.....	\$36.34
Tailpipe Support Rod Clamp.....	U80002-028.....	\$27.20
Muffler Support Rod Washer.....	U80122-020.....	\$7.04

Shielded Ignition Leads

**FAA-PMA
APPROVED**

101 series, 7 mm, fits all engines with S4 and S6 Bendix series or Slick Magnetos that have the threaded back plate. For additional details on ignition leads, see page 188.



Engine Mount

**FAA-PMA
APPROVED**

- Applicability: PA-12, PA-14

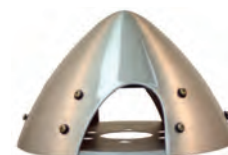
Engine Mount.....U10070-000..... **\$1,350.94**



Spinner

**FAA-PMA
APPROVED**

- Applicability: Piper PA-12 with O-235 or O-290 engines with AM series Sensenich propellers



Spinner Dome.....	U13661-000.....	\$417.24
Front Plate.....	U13664-000.....	\$178.71
Back Plate.....	U13663-000.....	\$192.66
Complete Assembly.....	U13661-A.....	\$732.55

PIPER PA-12 • PA-14

PA-12 180HP Modification

For installation of the Lycoming O-360-A2A engine in the PA-12 (STC-SA02267AK), see page 143 for details.

Flexible Oil Pressure Hose

FAA-PMA
APPROVED

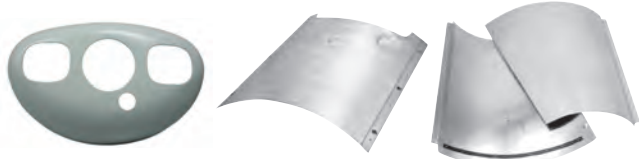
- Length: 6 inches
- Hose Material: MIL-H-5593-4



U71061-000 \$150.60

All-Aluminum Cowling

FAA-PMA
APPROVED



PA-12/14 Nose Cowl.....	U10189-000	\$2,030.14
PA-12 Bottom Cowl.....	U10698-000	\$366.62
PA-12 Top Cowl	U10699-000	\$219.99
PA-12 Fuselage Cowl*.....	U10691-000	\$1,779.27
PA-12 Left Side Cowl.....	U10701-000	\$577.41
PA-12 Right Side Cowl.....	U10701-001	\$611.46

* Shipped via motor freight; crate cost CR-BC312 will be added to shipping costs

Can't find the part you need?

Be sure to give us a call. Our knowledgeable salespeople are here to help with all of your classic aircraft needs.

1-888-433-5433

Monday-Friday • 7:30 a.m. to 4:30 p.m. MT

Tachometer Cables

FAA-PMA
APPROVED

PA-12, Non-Recording, 35".....	TACH-35NR	\$161.70
PA-12, PA-14, Non-Recording, 34".....	U1713-N340	\$166.95
PA-12, PA-14, Recording, 32.5".....	U1713-R325	\$166.95
PA-12, Recording, 35".....	U1713-R350	\$166.95
PA-12, Non-Recording, 33".....	TACH-33NR	\$161.70
PA-12, Recording, 34".....	TACH-34	\$161.70

PA-12/14 Muffler

FAA-PMA
APPROVED

- Includes U452-093 muffler bail
- Shroud sold separately

Muffler Assembly	
U10308-003	\$2,231.43
Muffler Wire Bail	
U452-093	\$53.97
Muffler Shroud (PA-12)	
U10431-000	\$664.99



Frame

Description	Part #	Price
Frame Side Fairing Panel, Right	11450-000	\$44.42
Upper Engine Mount Fitting.....	20291-000	\$196.74
Lower Engine Mount Fitting.....	20301-000	\$182.35
Lower Stabilizer Screw Bearing.....	80022-020	\$13.24
Fiber Washer	80122-043	\$4.74
Tail Tie Rod Attach Fitting	80292-015	\$19.44
Tailwheel Spring Fitting	L1027-02	\$46.80
Battery Access Door	U10275-000	\$306.47
Battery Box Door Frame	U10276-000	\$442.74
Inspection Plate	U12761-002	\$49.20
Generic Inspection Plate	483-10	\$2.25
Stringer Attach Clip.....	U20391-000	\$3.66
Tailwheel Spring 'U' Attach Fitting	U20631-000	\$45.87
Landing Gear Front Fitting Assembly, Left	U21242-002	\$233.17
Right.....	U21242-003	\$233.17
Landing Gear Fitting, Left	U21262-002	\$269.27
Right.....	U21262-003	\$280.05
Tail Post Assembly.....	U22412-000	\$185.18
Rudder Pedal Fitting, Front	U24121-002	\$8.65
Rudder Pedal Fitting, Rear	U24121-003	\$8.65
Short Fairlead Segment, Sold In Halves	U40071-000	\$1.38
Fairlead Snap Ring	U40081-000	\$0.51
Door Latch Kit	U52745-000	\$5.32
Yoke Inspection Cover, Left.....	U60571-000	\$28.06
Right.....	U60571-001	\$28.06
Tail Inspection Plate, Left.....	U60742-000	\$40.35
Right.....	U60742-001	\$40.35
Clamp.....	U80002-002	\$36.03
Clamp.....	U80002-012	\$23.80
Rectangular Inspection Cover.....	U82461-000	\$18.92

PA-12 Door Channel Kit

FAA-PMA
APPROVED

Can be purchased as a kit or individually.
Pre-formed 4130 steel channels to replace door channels covered by Piper Service Bulletin 819.

Kit 819-12 **\$425.04**



Individual Channels

FAA 337 approval required for installation

1) Blank Channel	819-12-11	\$55.48
2) Blank Channel	819-12-12	\$56.65
3) Blank Channel	819-12-13	\$59.30
4) Blank Channel	819-12-14	\$58.60
5) Blank Channel	819-12-15	\$61.14
6) Blank Channel	819-12-16	\$54.25
7) Blank Channel	819-12-17	\$20.01

Shop Online: www.univair.com

Piper PA-12/PA-14 Grommets



1) Stabilizer Yoke Inspection Grommet	U10292-000	\$13.65
2) Wing Root Reinforcing Grommet	80122-051	\$4.37
Wing Drain Grommet.....	U80122-053	\$4.30
Inspection Plate Grommet (Generic Version)	483-15	\$1.01
3) Rear Stabilizer Inspection Grommet	U10293-000	\$11.25
4) Rectangle Inspection Plate Grommet	U80541-002	\$15.55
5) Wing Pulley Cover Grommet	U60671-000	\$12.20

Steel 'U' Channels

- Sold in 6 foot lengths
- Oversize fees apply when shipping this product



¼ x ¼ inch Channel (750-284)	X141472	\$8.26
⅜ x ⅜ inch Channel, 24 gauge	U750-285	\$12.26
⅜ x ⅜ inch Channel, 20 gauge	U750-285HD	\$13.00
½ x ½ inch Channel	X121272	\$32.47
¾ x ½ inch Channel	X341272	\$31.70
⅝ x ½ inch Channel.....	X581272	\$28.46

Fuel System

Description	Part #	Price
Primer Inlet Line	10143-009	\$117.98
Long Primer Line.....	10143-020	\$37.79
Short Primer Line.....	10143-061	\$33.48
Primer Outlet Line.....	10143-063	\$67.86
Primer Inlet Line	10143-065	\$105.23
Tank Strap Fitting.....	10520-000	\$69.15
Header Tank Felt Strip, ⅛ x ½ x 30 Inch	180-497	\$4.67
Fuel Shut-Off Valve Link	81262-035	\$29.69
Fuel Tank Cover, Left.....	U10118-000	\$723.47
Right.....	U10118-001	\$723.47
Fuel Sight Tube End Plug.....	U10676-004	\$30.71
Fuel Sight Gauge Washer, No Hole	U10676-008	\$4.00
Fuel Gauge Access Plate	U10878-000	\$20.03
Fuel Strainer Bowl, EZ Drain Type.....	U12764-000	\$143.56
Primer Jet.....	U31197-000	\$62.86
Gascolator Wire Bail	U494-644	\$74.66
Fuel Tank Cap	U60750-002	\$135.78
Flexible Fuel Hose	U70322-012	\$193.12
Gascolator Mounting Bracket.....	U71991-000	\$89.87
Gascolator Nut	U72302-003	\$22.40
Gascolator Wire Bail	U750-268	\$45.15

Fuel Strainer Screen	U750-272	\$3.03
Gascolator Bowl Seat	U750-273	\$19.85
Control Cable Clamp.....	U80032-034	\$28.69
Flexible Fuel Line Hose.....	U82371-004	\$20.62
Gascolator Gasket.....	U85012-032	\$4.40
Cork Washer For Fuel Gauge.....	U85012-051	\$5.82
Gascolator Cover.....	U87477-002	\$128.97

Wing Fuel Drain Valve

**FAA-PMA
APPROVED**

This flush fuel drain valve is designed to be practical, functional, and inexpensive. The head of the valve does not extend beyond the wing to catch the door of your airplane or to hit your head as you walk beneath it. Fuel is only released when you want it to be with the use of our F391 fuel sampler cup, not all over your arm or in your eyes on a windy day.



Wing Fuel Drain Valve	F391-14	\$40.46
Flush Fuel Sampler Cup.....	F391-CUP	\$13.05

Fuel Cap Gasket

**FAA-PMA
APPROVED**

- Outside diameter: 2.175 inches
- Inside diameter: 1.385 inches

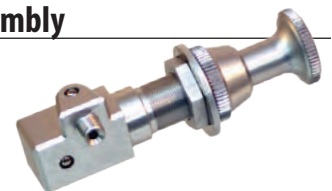


U60750-006	\$2.06
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Engine Primer Pump Assembly

**FAA-PMA
APPROVED**

U451-100	\$440.18
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Fuel Gauge

**FAA-PMA
APPROVED**

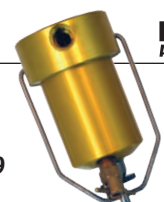

Fuel Gauge Assembly (Excludes Float)	U10676-007	\$286.58
Fuel Gauge Housing Only	U10676-012	\$175.57
Glass Sight Tube	U10852-000	\$24.37
Ball Float.....	U10853-000	\$7.65

Complete Piper Gascolator

**FAA-PMA
APPROVED**

- Metal bowl with quick drain

Piper Gascolator	U14330-002	\$315.59
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Landing Gear • Chassis

Description	Part #	Price
Anchor Pin (750-006).....	A20-54	\$22.63
Wheel and Drum Assembly (451-760).....	UD3-13A-1	\$1,990.06
Felt Retainer (750-010).....	UA56-4	\$9.70
Side Lock Ring (750-025).....	UA85-118	\$23.10
Lock Ring (750-026).....	UA85-218	\$34.67
Goodrich Side Rim (750-028).....	B11-5	\$63.24
Bearing Cone (750-063).....	08125	\$49.98
Bearing Cup (750-064).....	08231	\$31.18
Felt Grease Retainer (750-065).....	UB227-52	\$1.68
Rudder Arm (750-330).....	U1140A-000	\$229.88
Tailwheel Bronze Bushing (750-722).....	U1800A	\$87.12
Tailwheel Arm Assembly (750-744).....	U1709A-000	\$547.02
Grease Retainer (750-749).....	U1863A-000	\$10.26
Tailwheel Hub Kit (750-752).....	U1967A-000	\$547.01
Spring Connector Assembly (750-753).....	U2151A-000	\$84.86
Landing Gear Vee Outer Fairing Assembly, Left.....	U10283-000	\$488.64
Right.....	U10283-001	\$488.64
Landing Gear Fairing Support Bracket.....	10690-000	\$101.15
Axle Nut, 1.25".....	U30491-000	\$80.99
Tailwheel Spring Attach Clamp.....	U30531-000	\$33.17
Landing Gear Bushing.....	U80022-063	\$16.68
Attach Washer.....	U80122-041	\$14.02
Entry Step, PA-12.....	U81903-002	\$299.11
Entry Step, PA-14.....	U81903-003	\$322.70

Bushwheel 3200 Tailwheel

The 3200 series is a lightweight 8 inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.



3200 Series Tailwheel.....	ABI-3200	\$1,862.00
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Landing Gear

FAA-PMA
APPROVED

- Include aircraft serial number when ordering
- PA-12 landing gears have strap brace on gear
- PA-14 landing gears have streamlined tube brace and may be used on the PA-12



PA-12 Gear, Uncovered, Left.....	U10028-000	\$1,789.37
Right.....	U10028-001	\$1,789.37
PA-14 Gear, Uncovered, Left.....	U11353-000A	\$1,923.26
Right.....	U11353-001A	\$1,923.26

Shock Cords

- Applicability: Piper PA-12, PA-14
- Priced and sold individually

Standard.....	U31322-000	\$64.65
Cold Weather.....	1280-CW	\$42.37
Heavy-Duty Cold Weather.....	1280HD-CW	\$54.99

PA-12 Landing Gear Rubber Bumper Block

FAA-PMA
APPROVED

- Dimensions: 2" x 1.75" x 1"

Rubber Bumper Block.....	U30831-000	\$17.92
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Piper Hub Caps

FAA-PMA
APPROVED

Primed Steel

- For original 8.00 x 4 Goodrich wheels
- 7.25 inch diameter
- Stamped cap has "CUB" in raised lettering

Stamped.....	U31702-000	\$60.01
Plain.....	U31702-002	\$49.20



Bare Aluminum

- For 6.00 x 6 Cleveland conversion wheels
- 5 5/8 inch diameter
- Stamped cap has "CUB" in raised lettering

Stamped.....	U1680-00	\$41.24
Plain.....	U1680-02	\$35.69



Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask.....	CUB-MASK	\$17.45
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Tailwheel Springs

FAA-PMA
APPROVED

Complete Spring Set for Hard Rubber Tailwheel J3TWSHR.....	\$200.17
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Complete Spring Set for Pneumatic Tailwheel.....	PA12TWSPEU	\$197.79
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Individual Springs

Tailwheel Leaf Spring, Top.....	U10999-002	\$54.12
Tailwheel Leaf Spring, Middle.....	U10999-003	\$77.78
Tailwheel Leaf Spring, Bottom.....	U10999-005	\$77.56

Tailwheel Leaf Spring, Top.....	U30522-000	\$59.02
Tailwheel Leaf Spring, Middle.....	U30512-002	\$78.35
Tailwheel Leaf Spring, Bottom.....	U30512-004	\$74.91

Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.



McCauley Aluminum Fixed-Pitch Propellers

PA-12, Lycoming O-235	ALM7246	\$7,240.92
PA-12, PA-14, Lycoming O-290, O-320.....	GM8241	\$6,980.25
PA-12, PA-14, Lycoming O-320	GM8242	\$6,425.41
PA-12, PA-14, Lycoming O-320	GM8243	\$6,425.41
PA-12, PA-14, Lycoming O-320	GM8244	\$6,425.41
PA-12 (STC SA279AL)	GM8245	\$5,345.60

Sensenich Aluminum Propellers

PA-12, Lycoming O-235	76AM6-2-44	\$5,800.50
PA-12, PA-14, Lycoming O-235	76AM6-2-48	\$5,880.50

Tail Section

Description	Part #	Price
Elevator Assembly, Uncovered, Left or Right	U40572-000	\$708.52
Rudder Assembly, Uncovered.....	U40622-000	\$871.92
Horizontal Stabilizer, Uncovered, Left or Right	U40643-000	\$833.55
Rudder Attach Hardware Kit	PSK-1	\$44.15
Elevator Attach Hardware Kit	PSK-2	\$77.74
Tail Brace Fitting	U10075-002	\$35.54
Upper Tail Brace Fitting	U10075-003	\$35.54
Lower Tail Brace Fitting	U10075-004	\$37.34
Stabilizer Yoke Inspection Grommet.....	U10292-000	\$13.65
Rear Stabilizer Inspection Grommet.....	U10293-000	\$11.25
Rudder Arm Assembly.....	U1140A-000	\$229.88
Rudder Bracket	U12651-000	\$55.95
Upper Tail Brace Wire	U41031-002	\$44.54
Lower Tail Brace Wire	U41031-003	\$39.18
Fin Leading Edge Fairing	U60602-000	\$132.17
Long Bushing	U80022-044	\$1.33
Short Bushing	U80022-045	\$1.68
Rectangle Inspection Plate Grommet.....	U80541-002	\$15.55
Stabilizer Rear Liner Tube, 8 inches.....	U86062-079	\$102.53
Stabilizer Yoke Link Liner Tube, 16 inches.....	U86062-080	\$136.05

Vertical Stabilizer

**FAA-PMA
APPROVED**

- Applicability: Piper J-3, J-4, J-5, PA-11, PA-12, PA-14, PA-18
- 4130 steel tubing, powder coated gray
- Uncovered
- Includes bushings

Vertical Fin..... U40592-000 **\$594.01**



Tail Brace Wires

**FAA-PMA
APPROVED**

- Round type to comply with AD 60-01-07
- Stainless steel wires and clevis



Upper Wire Assembly.....	U10555-002	\$220.10
Lower Wire Assembly.....	U10556-002	\$220.10
Tail Brace Wire Installation Kit*	10555-KIT	\$73.66

*For installing round wires



Top wire clevis Bottom wire clevis Square washer Brass nipple

Top Wire, Upper Clevis (40521-008)	U61341-003	\$35.12
Top Wire, Lower Clevis (40521-007)	U61341-002	\$46.52
Bottom Wire, Upper Clevis (40521-009).....	U61341-004	\$50.67
Bottom Wire, Lower Clevis (40521-010)	U61340-000	\$46.52
Square Washer	U81102-002	\$6.42
Brass Nipple	U41051-000	\$32.04
Jam Nut	AN315-5	\$0.26
Clevis Bushing.....	U82732-072	\$6.80

Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Piper PA-12

Windshield, Early Round Type	10212-000	\$363.08
Windshield, Late Square Type	10680-000	\$348.98
Left Rear Window.....	10220-000	\$64.60
Right Rear Window	10229-000	\$56.43
Front Left Sliding Window.....	10331-000	\$60.89
Door Window	10593-000	\$63.11
Windshield, Square Top.....	10680-000	\$348.98

Piper PA-14

Windshield.....	11174-000	\$311.85
Window	10893-000	\$79.51

Wings

Description	Part #	Price
Rear Spar Fuel Tank Support, Left	10115-000	\$153.96
Right.....	10115-001	\$165.68
Strut Cuff Bracket, Left.....	10223-000	\$92.98
Right.....	10223-001	\$45.42
Strut Cuff Bracket, Left.....	10224-000	\$145.05
Right.....	10224-001	\$55.95
Front Spar Angle, Left	10241-000	\$27.25
Right.....	10241-001	\$27.25
Front Spar Angle	10281-000	\$11.11
Front Spar Angle	10301-000	\$27.59
Rear Spar Angle	10311-000	\$31.44
Fuel Tank Strap.....	10519-002	\$93.39
Bellcrank Screw.....	12713-004	\$2.78
Leading Edge Wing Root Fairing, Left	60681-000	\$54.59
Right.....	60681-001	\$54.59
Spar Butt Hinge Bushing.....	80022-031	\$13.09
Wing Root Reinforcing Grommet	80122-051	\$4.37
Drag Strut 'N' Brace Tube	U10112-007	\$97.98
Inboard Leading Edge Skin, Left.....	U10116-002	\$131.88
Right.....	U10116-003	\$140.05
Center Leading Edge Skin, Left.....	U10116-004	\$167.82
Right.....	U10116-005	\$158.87
Outboard Leading Edge Skin, Left	U10116-006	\$146.24
Right.....	U10116-007	\$130.88
Wing Trailing Edge, Inboard	U10117-000	\$135.52
Fuel Tank Cover, Left.....	U10118-000	\$723.47
Right.....	U10118-001	\$723.47
Inboard Leading Edge 'U' Channel	U10123-000	\$151.37
Rear Jury Strut Clamp, Left.....	U10124-000	\$207.59
Right.....	U10124-001	\$201.59
Front Jury Strut Clamp, Left	U10125-000	\$141.24
Right.....	U10125-001	\$177.23
Jury Strut, Left	U10126-000	\$713.36
Right.....	U10126-002	\$429.03
Drag Strut Lock Bolt Plate	U10151-000	\$3.24
Jury Strut Brace Tube	U10203-000	\$138.81
Lift Strut Fairing, Left	U10217-000	\$175.70
Right.....	U10217-001	\$175.70
Tie Rod Clevis	U10221-000	\$18.61
Upper Front Strut Cuff, Left	U10225-000	\$115.67
Right.....	U10225-001	\$115.67
Upper Rear Strut Cuff, Left	U10226-000	\$112.10
Right.....	U10226-001	\$112.10
Rear Spar Butt Hinge Fitting	U10391-000	\$61.62
Front Spar Butt Hinge Fitting	U10401-000	\$48.13
Lift Strut Front Filler Block	U10451-000	\$80.00
Lift Strut Rear Spar Fitting	U10522-000	\$126.20
Lift Strut Front Spar Fitting	U10532-000	\$139.95
Rear Jury Strut Clamp	U10656-000	\$37.94
Flap Hinge Bracket.....	U10703-003	\$139.87
Flap Hinge Bracket.....	U10703-004	\$145.05
Aileron Hinge Bracket	U10912-004	\$133.45

Bearing Block.....	U10921-000	\$26.23
Hinge Bracket Clamp.....	U10931-000	\$28.21
Fairlead 'U' Bracket	U11151-000	\$9.41
Upper Wing Root Fairing.....	U11523-000	\$84.75
No. 2 False Spar, Left	U11670-000	\$51.33
Right.....	U11670-001	\$58.76
False Spar Flap, Left	U11670-002	\$63.30
Right.....	U11670-003	\$71.57
Flap Bellcrank Bracket.....	U11672-000	\$69.69
Inboard Flap Hinge	U11682-000	\$257.04
PA-14 Flap Spar.....	U11685-000	\$58.07
Aileron Bellcrank Bracket, Left	U11722-000	\$640.42
Right.....	U11722-001	\$640.42
Leading Edge Center 'U' Channel	U12212-004	\$79.62
#1 Wing Channel Brace, 8.5"	U12252-002	\$13.65
#3 Wing Channel Brace, 16.0"	U12252-003	\$17.71
Wing Channel Brace, 17.0"	U12252-004	\$13.65
Wing Channel Brace, 6.25"	U12252-006	\$14.80
Wing Channel Brace, 7.75"	U12252-007	\$13.65
#2 Wing Channel Brace, 13.75"	U12252-008	\$16.05
Wing Channel Brace, 10.5"	U12252-009	\$13.65
Leading Edge Attach Plate	U12331-002	\$5.86
Leading Edge Tip Skin, Left	U12412-000	\$230.95
Right.....	U12412-001	\$259.61
Center Aileron Hangar Bracket	U12482-000	\$122.76
Inspection Hole Plate	U12761-002	\$49.20
Flap Assembly, Uncovered, Left.....	U12768-000	\$1,778.64
Right.....	U12768-001	\$1,778.64
Flap Control Lever	U12774-000	\$758.25
Flap Lever Ratchet.....	U12776-000	\$46.39
Rib Doubler, Left	U1303-01	\$9.88
Right.....	U1303-02	\$9.39
Drag Strut	U14222-000	\$183.54
Flap Return Spring	U14384-000	\$28.71
Wing Spar, Left Front	U14753-002	\$787.76
Right Front	U14753-003	\$663.65
Wing Spar, Left Rear.....	U14823-002	\$652.84
Right Rear.....	U14823-003	\$652.84
#1 Drag Strut.....	U14852-000	\$484.25
#3 Drag Strut.....	U14862-000	\$384.44
#2 Drag Strut.....	U14872-000	\$172.71
#5 Bay Drag Wire.....	U14941-008	\$41.73
#1 and #2 Bay Drag Wire.....	U14941-009	\$66.61
#4 and #4 Bay Drag Wire.....	U14941-010	\$47.96
Upper 'N' Brace Tube.....	U16462-000	\$138.07
Lower 'N' Brace Tube.....	U16472-000	\$138.55
Outboard False Spar, Left	U16502-000	\$96.21
Right.....	U16502-001	\$96.21
Inboard False Spar, Left.....	U16512-000	\$139.91
Right.....	U16512-001	\$139.91
Leading Edge Inboard Brace, Left.....	U16572-000	\$42.93
Right.....	U16572-001	\$42.93
Leading Edge Center Brace, Left.....	U16582-000	\$44.25
Right.....	U16582-001	\$44.25
Leading Edge Outboard Brace, Left	U16592-000	\$35.90
Right.....	U16592-001	\$35.90
Aileron Bellcrank, Left.....	U40092-000	\$359.69

Right.....	U40092-001	\$359.69
Flap Bellcrank, Right.....	U40092-009	\$188.13
Left.....	U40092-010	\$198.90
Upper Flap Control Cable.....	U40123-077	\$181.41
Inboard Aileron Brace, Left.....	U40581-002	\$15.52
Right.....	U40581-003	\$19.95
Pulley, 2.75 inch diameter	U41001-008	\$66.74
Uncovered Aileron Assembly, Left	U42555-000	\$2,918.44
Right.....	U42555-001	\$2,918.44
Rod End Bearing	U452-335	\$49.26
Lower Rear Wing Root Fairing, Left	U60441-000	\$51.30
Top Wing Root Fairing, Left	U60451-000	\$68.92
Top Wing Root Fairing, Right.....	U60451-001	\$68.92
Yoke Inspection Cover, Left.....	U60571-000	\$28.06
Right.....	U60571-001	\$28.06
Jury Strut Fairing Cover	U60722-000	\$293.82
Reinforcement Patch.....	U60863-005	\$9.64
Wing Drain Grommet.....	U80122-053	\$4.30
Rectangle Inspection Plate Grommet.....	U80541-002	\$15.55
Link, Cable to Bellcrank.....	U81262-014	\$6.62
Rectangular Inspection Cover.....	U82461-000	\$18.92
Wing Inspection Cover	U82461-100	\$14.47
Front Lift Strut	U85552-002	\$751.25
Rear Lift Strut.....	U85553-002	\$751.25
Liner Tube, 8 inch	U86062-079	\$102.53

Stainless Steel Lift Strut Forks

**FAA-PMA
APPROVED**


A) Original Size 7/16" Diameter Rolled Thread Fork, (Nut Not Included).....	U14481-003	\$124.16
B) Heavy-Duty 5/8" Diameter Heat Treated Fork For Sealed Struts Only (Nut Included).....	U89201-003	\$156.37

Wing Leading Edge Skins

**FAA-PMA
APPROVED**

Inboard Leading Edge Skin, Left.....	U10116-002	\$131.88
Right.....	U10116-003	\$140.05
Center Leading Edge Skin, Left.....	U10116-004	\$167.82
Right.....	U10116-005	\$158.87
Outboard Leading Edge Skin, Left.....	U10116-006	\$146.24
Right.....	U10116-007	\$130.88

One-Piece Stamped Aluminum Wing Ribs

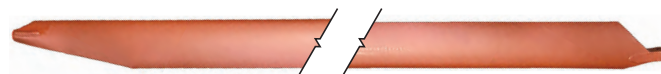
- Individual ribs and applicability charts start on page 135
- For replacement rib kits, see page 141
- For wing assemblies with stamped ribs, see on page 141

www.univair.com

Oiled and Sealed Lift Struts

**FAA-PMA
APPROVED**

Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts incorporate the new heavy-duty, heat treated, magnafluxed 5/8 inch rolled thread strut fork and nut.



Front Strut.....	U85552-002	\$751.25
Rear Strut.....	U85553-002	\$751.25
Jury Strut Clamps		
Front, Left.....	U10125-000	\$141.24
Right.....	U10125-001	\$177.23
Rear, Left	U10124-000	\$207.59
Right.....	U10124-001	\$201.59

Flaps and Ailerons, Uncovered

**FAA-PMA
APPROVED**


Left Aileron, PA-12 and 14	U42555-000	\$2,918.44
Right Aileron, PA-12 and 14.....	U42555-001	\$2,918.44
Left Flap, PA-14.....	U11686-000	\$1,454.44
Right Flap, PA-14	U11686-001	\$1,454.44

Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.

- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
- Provide aircraft model, registration numbers, and serial number when ordering

Piper Bearing Block Repair Kit.....	STC-SA02128LA	\$389.58
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Lift Strut Hardware for PA-12 and PA-14

Lift Strut Clevis Bolt	U13241-000	\$18.29
Shear Castle Nut.....	AN320-6	\$1.00
Cotter Pin (AN380-3-3)	MS24665-283	\$0.04

Wing Spars

**FAA-PMA
APPROVED**

Front, Left	U14753-002	\$787.76
Right.....	U14753-003	\$663.65
Rear, Left.....	U14823-002	\$652.84
Right.....	U14823-003	\$652.84

"NO STEP" Placard for Lift Struts

- Reflective silver with black letters
- Self-adhesive sticker

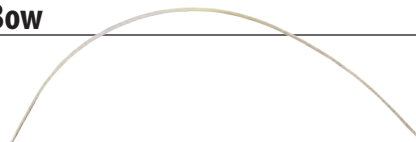
80944-002\$3.50



Wooden Wingtip Bow

**FAA-PMA
APPROVED**

U453-126\$48.44



PIPER J-4 • J-5 • PA-15/17 • PA-16

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Brakes

Description	Part #	Price
Brake Pedal Block • J-5	41531-000	\$87.27
Piper Bracket • J-5	52321-000	\$52.24
Goodrich Brake Frame • J-4, J-5	750-038	\$17.06
Piper Brake Piston Rod • J-5	750-051	\$25.05
Piper Ring • J-5	750-054	\$1.38
Brake Pedal Outboard Bearing Block • J-5	U41521-000	\$105.99
Front Brake Pedal Stop Plate • J-5C	U41561-000	\$29.22
Brake Pedal Tie Rod • J-5	U41581-009	\$82.97
Forward Brake Pedal, Left • J-5	U41602-000	\$218.91
Right • J-5	U41602-001	\$218.91
Flex Brake Line • PA-15/17, PA-16	U71061-004	\$186.98
Aileron Flap Attach Washer • PA-16	U85012-010	\$5.92

Grove 800 x 4 Disk Brake Conversion **STC APPROVED**

Maintain your classic look! Use your existing wheels, tires, tubes, master cylinder and brake lines. Easy installation – all parts and special tools included. For Goodrich wheels and brakes only.

- Applicability: Piper J-3, J-4, J-5, PA-11, and PA-15/17
- Bigger caliper for Piper PA-12, PA-14, PA-16, PA-18, PA-19, PA-20
- STC approved
- Kits requiring FAA 8130-3 Forms must be special ordered from the factory. There is an additional \$150.00 charge for this documentation.
- Supersedes part numbers 76000 and 76001



Grove Brake Conversion Kit 76002 **\$999.00**

Univair aircraft parts have been made in the U.S.A. since 1946

Cleveland Wheels & Brakes Kit

Convert from your Goodrich Wheels and Brakes to the new Cleveland Wheels and Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation. Request STC SA11RM-1.25 when you purchase this kit and it is available at no charge. Not applicable on J-4 or J-5.



Lines and fittings are not included in kit; but can be order separately (see below).

Cleveland Conversion Kit.....199-07100**\$3,996.91**

Installation May Require:

Lines (2 required).....U60703-002**\$76.03**
 Elbows (2 required) (558-819).....502X4**\$16.24**
 Elbows (2 required) (460-677).....402X4**\$5.08**
 STC* (for 1¼ inch axle)STC-SA11RM-1.25***\$138.51**

* Free upon request when purchasing entire kit 199-07100.

Parts listed above priced and sold individually.

Goodrich Brake Assembly Parts

- For all Pipers with 8.00 x 4 wheels
- While supplies last!

Brake Block (750-033)B27-59-1**\$76.67**
 Spring (750-029)B21-35**\$11.18**
 Shield (750-093).....A72-30**\$31.02**



Cockpit • Interior

Description	Part #	Price
Instrument Panel • PA-15/17	11630-000	\$270.51
Floor Plate • PA-16	12019-000	\$16.72
Starter Cable Cover • PA-16	12021-000	\$36.77
Baggage Strap • PA-16.....	12036-002	\$20.92
Baggage Strap • PA-16.....	12036-003	\$21.96
Airspeed Tube • J-5, PA-15/17	13541-004	\$14.22
Window/Door Rubber Moulding • PA-15/17	187-610	\$1.41
Front Seat Back Canvas • J-5	52552-000	\$97.50
Rear Seat Sling Canvas • J-5	52563-000	\$195.00
Stabilizer Crank Lock Pin • PA-15/17, PA-16	81761-011	\$10.58
Bushing • PA-15/17, PA-16	82732-003	\$2.50
Switch Panel Cover • J-5C.....	U10176-000	\$79.31
Instrument Panel Cover, Left • J-5C.....	U10298-000	\$261.08
Instrument Panel Cover, Right • J-5C.....	U10299-000	\$261.08
Rear Window Trim Strip, Left • J-5C.....	U10341-000	\$78.43
Throttle Panel Cover • J-5C.....	U10382-000	\$296.89
Inside Door Panel • J-5C	U10386-000	\$312.42
Control Knob, Black • J-5, PA-15/17, PA-16	U10911-000	\$13.06
Weatherstrip Channel, 29.75" • PA-16.....	U11432-005	\$63.02
Weatherstrip Channel, 30.5" • PA-16.....	U11432-006	\$70.33

Weatherstrip Channel, 15.75" • PA-16.....	U11432-007	\$60.92
Threaded Bushing • J-5, PA-15/17, PA-16	U11789-000	\$18.50
Airspeed Tube • J-4.....	U13541-002	\$69.38
Push Pull Cable, 65", Less Knob • PA-15/17, PA-16	U16775-000	\$81.75
Window Stop Screw • J-5	U21601-000	\$17.44
Throttle Lever Connecting Link • J-5.....	U41551-000	\$64.40
Clamp • J-5.....	U80002-042	\$85.57

Control System

Description	Part #	Price
Control Knob, Black • J-5, PA-15/17, PA-16	U10911-000	\$13.06
Flap Return Spring • PA-15/17	U10940-000	\$35.25
Fairlead 'U' Bracket • J-4, J-5, PA-16, PA-17	U11151-000	\$9.41
Stabilizer Indicator Plate • PA-16.....	U12102-000	\$170.79
Stabilizer Tube Yoke Link • J-5	U14180-002	\$327.14
Rudder Pedal Fitting • J-5C	U24121-003	\$8.65
Short Fairlead Segment • J-4, J-5 PA-15/17, PA-16.....	U40071-000	\$1.38
Fairlead Snap Ring • J-4, J-5, PA-15/17, PA-16.....	U40081-000	\$0.51
Control Stick • J-5	U40231-000	\$130.25
Control Stick Connector • J-5	U40261-000	\$250.27
Aileron/Flap Rib • PA-15/17, PA-16.....	U40321-002	\$17.80
Aileron/Flap Rib • PA-15/17, PA-16.....	U40321-003	\$27.21
Aileron Trailing Edge Tube • PA-15/17, PA-16.....	U40421-003	\$67.36
Aileron Bulkhead, Left • PA-15/17, PA-16	U40451-002	\$11.44
Right.....	U40451-003	\$11.44
Aileron Rib • PA-15/17, PA-16	U40581-002	\$15.52
Bellcrank Assembly • J-5	U40663-004	\$862.61
Fitting Plate • J-5	U40821-003	\$13.48
Elevator Bellcrank Ball Cover • J-5	U40921-000	\$66.95
Elevator Bellcrank Ball • J-5	U40931-000	\$94.13
Rudder Pedal Spring • J-5	U40941-000	\$11.88
Trim Crank Escutcheon • J-4, J-5	U41101-000	\$37.34
Stabilizer Adjust Trim Crank • J-4, J-5, PA-15/17, 16 ...	U41111-000	\$133.15
Escutcheon Spring • J-4, J-5	U41151-000	\$10.12
Trim Crank Pin • J-5	U41161-000	\$38.85
Torque Tube Attach Shim • J-5C.....	U41371-002	\$4.18
Torque Tube Bearing Shim • J-4, J-5	U41371-005	\$12.51
Throttle Arm • J-5.....	U41491-000	\$80.64
Aileron Hinge • PA-15/17, PA-16.....	U41881-000	\$86.84
Aileron Center Hinge • PA-15/17, PA-16.....	U41891-000	\$85.57
Flap Hinge Plate • PA-15/17, PA-16.....	U42491-000	\$7.27
Ball Cover Bolt • J-5.....	U42731-000	\$62.98
Aileron Tip Rib • PA-15/17, PA-16	U42872-000	\$22.20
Aileron Trailing Edge • PA-15/17, PA-16.....	U42922-000	\$37.01
Trailing Edge • PA-15/17, PA-16	U42933-000	\$111.59
Elevator Bellcrank Shim • J-5	U42941-000	\$15.89
Rod End Bearing • J-4, J-5	U452-335	\$49.26
Elevator Horn Attach Bushing • J-5, PA-15/17, 16.....	U80012-017	\$13.34
Rudder Pedal Bar Clamp • PA-15/17, PA-16	U80222-024	\$36.08
Throttle Friction Lug • J-5, PA-16	U81172-020	\$9.01
Attach Link • J-5	U81262-008	\$12.91
Friction Washer • J-5	U81342-020	\$3.48

PIPER J-4 • J-5 • PA-15/17 • PA-16

Piper Pulleys

FAA-PMA
APPROVED



Description	O.D. x I.D.	Part #	Price
1) Fiber Pulley • J-4, J-5C	2¾ x ¾ inch	U41171-000	\$86.86
2) Fiber Pulley • J-5, PA-15/17, PA-16	2¾ x ¾ inch	U40991-000	\$19.23
3) Fiber Pulley • PA-15/17	2¾ x 5/16 inch	U41001-008	\$66.74
4) Fiber Pulley • PA-15/17, PA-16	1¾ x ¼ inch	U80421-000	\$12.99
5) Fiber Pulley • PA-16	1½ x ¼ inch	U481-609	\$12.50
6) Fiber Pulley • PA-15/17	1 x ¼ inch	U43001-000	\$19.09
7) Aluminum Pulley • J-5C	2¾ x ¾ inch	U43061-000	\$126.38
8) Aluminum Pulley • J-5C, PA-16	2¾ x ¾ inch	U10080-000	\$167.41
9) Aluminum Pulley • PA-16	4 x ¾ inch	U11008-000	\$196.26

Uncovered Aileron Assemblies

FAA-PMA
APPROVED

- Crate cost CR14 will be added to shipping costs

Left • PA-15/17, PA-16	U42585-000	\$1,625.88
Right • PA-15/17, PA-16	U42585-001	\$1,625.88

Stabilizer Yoke and Adjust Screw

FAA-PMA
APPROVED

- Applicability: Piper J-5, PA-16



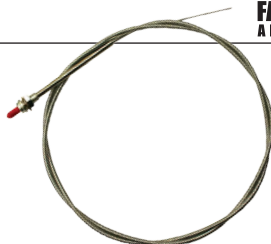
Stabilizer Adjust Screw	U42961-102	\$122.12
Stabilizer Adjust Yoke	U42692-000	\$303.46

Push-Pull Control Cable

FAA-PMA
APPROVED

- For Piper PA-15/17, PA-16
- 65" long stainless steel cable
- Knob not included
- Used for mixture, cabin heat, carb heat and other applications

U16775-000.....\$81.75



Stabilizer Tube

FAA-PMA
APPROVED

- Applicability: PA-15/17

U11586-000.....\$241.63



Control Cables

FAA-PMA
APPROVED

- GS = Galvanized Steel, SS = Stainless Steel

Aileron Cable, 65½", GS • PA-16	U11527-002	\$165.72
Aileron Cable, 65½", SS • PA-16	U11527-004	\$144.12
Rudder Cable, 181½", GS • PA-16	U11641-004	\$149.03
Long Rear Rudder Cable, 182½", GS • J-5	U40123-002	\$219.57
SS	U40123-002S	\$205.49
Front Rudder Up Parking Brake Cable, 25½", GS • J-5	U40123-007	\$152.43
SS	U40123-007S	\$196.89
Bungee Cable, 19¾", GS • J-5	U40123-008	\$49.52
SS	U40123-008S	\$53.62
Aileron Cable, In Wing, 98½", GS • J-5	U40123-018	\$105.30
SS	U40123-018S	\$155.03
Center Aileron Balance Cable, 61½", GS • J-5	U40123-019	\$132.27
SS	U40123-019S	\$197.48
Aileron Control Stick Cable, 90½", GS • J-5	U40123-021	\$152.12
SS	U40123-021S	\$194.32
Elevator Cable to Upper Horn, 133½", GS • J-5	U40123-022	\$164.94
SS	U40123-022S	\$164.71
Elevator Cable to Lower Horn, 131¾", GS • J-5	U40123-023	\$117.48
SS	U40123-023S	\$140.85
Aileron Cable to Upper Horn, 103½", GS • PA-15/17	U40123-049	\$222.63
Bungee Cable, 15½", GS • PA-15/17	U40123-050	\$30.67
Elevator Cable to Upper Horn, 140½", GS • PA-15	U40123-051	\$132.55
Elevator Cable to Lower Horn, 156½", GS • PA-15	U40123-052	\$124.80
Torque Tube Horn Connector Cable, 11½", GS • PA-17	U40123-057	\$164.24
Front Elevator Cable, 8¾", GS • PA-15/17	U40123-058	\$137.27
Front Elevator Cable, 25", GS • PA-15/17	U40123-059	\$140.82
Elevator Cable, 130", GS • PA-15/17	U40123-060	\$96.37
Bungee Cable, 22¾", GS • PA-16	U40123-061	\$70.97
Aileron Cable to Lower Horn, 130½", GS • PA-16	U40123-063	\$132.53
Aileron Balance Cable, 141½", GS • PA-16	U40123-064	\$150.17
Aileron Cable to Lower Horn, 130½", SS • PA-16	U40123-071	\$122.07
Aileron Balance Cable, 141½", SS • PA-16	U40123-072	\$160.02
Stabilizer Adjust Cable, 260¼", GS • PA-16	U41671-011	\$349.92
Stabilizer Adjust Cable, 260¼", SS • PA-16	U41671-014	\$325.46

Engine • Fuel System

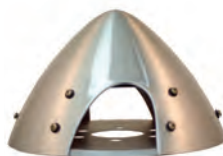
Description	Part #	Price
Fuel Tank Cover, Left • J-5	U10118-000	\$723.47
Right	U10118-001	\$723.47
Muffler Assembly • PA-16	U10308-003	\$2,231.43
Muffler Shroud Clip • PA-16	U10430-000	\$74.79
Baffle Tie Rod • PA-16	U10487-002	\$53.34
Fuel Tank Front Top Short Strap • PA-16	U10648-003	\$54.55
Fuel Tank Rear Strap • PA-16	U10649-000	\$103.37
Fuel Tank Rear Top Long Strap • PA-16	U10649-003	\$91.41
Fuel Tank IB and OB Bottom Strap • PA-16	U10650-002	\$73.31
Fuel Tank Cover • PA-16	U10657-000	\$425.19
Fuel Gauge Assembly • PA-16	U10676-000	\$239.23
Fuel Sight Tube End Plug • PA-16	U10676-004	\$30.71

Fuel Sight Gauge Washer (No Hole) • PA-16	U10676-008	\$4.00
Fuel Tank • PA-16	U10849-011	\$2,210.35
Fuel Gauge Access Plate • J-5C	U10878-000	\$20.03
Baffle Hanger Support • PA-17	U10920-000	\$24.18
Outer Intercylinder Baffle • PA-17	U10923-000	\$29.12
Tailpipe Assembly • PA-16	U11417-000	\$263.55
Stabilizer Tube • PA-15/17	U11586-000	\$241.63
Tee to Valve Fuel Line Assembly • PA-16	U11973-000	\$95.02
Spinner Strap • PA-16	U12330-004	\$62.20
Fuel Strainer Bowl, EZ Drain • PA-15/17, PA-16	U12764-000	\$143.56
Strainer Assembly • PA-15/17, PA-16	U14330-002	\$315.59
Flexible Fuel Hose • PA-16	U17766-66	\$192.06
Primer Jet • J-5 (S/N 784 and up), PA-15, PA-16	U31197-000	\$62.86
Throttle Lever Connecting Link • J-5	U41551-000	\$64.40
Engine Primer Pump • J-5, PA-15/17, PA-16	U451-100	\$440.18
Gascolator Bail • J-5, PA-15/17, PA-16	U494-644	\$74.66
Flexible Fuel Hose • PA-17	U70322-012	\$193.12
Cabin Heat Cable Swivel Fitting • J-5	U70371-000	\$59.67
Carburetor Heat Cable Swivel Fitting • J-5	U70371-002	\$17.41
Swivel Stud Fitting • J-5	U70371-003	\$27.73
Muffler Clamp • J-4, J-5, PA-15/17, PA-16	U70591-002	\$36.34
Fuel Valve Assembly • J-5	U70781-000	\$210.06
Flex Oil Pressure Hose • PA-16	U71061-000	\$150.60
Gascolator Mounting Bracket • PA-15/17, PA-16	U71991-000	\$89.87
Fuel Tank Strainer • PA-15/17, PA-16	U72091-000	\$72.72
Fuel Line • J-5 (S/N 1 to 783)	U72432-000	\$155.93
Air Scoop Assembly • J-5	U72522-000	\$309.25
Gascolator Wire Bail • J-4, J-5, PA-15/17, PA-16	U750-268	\$45.15
Fuel Strainer Screen • J-5, PA-15/17, PA-16	U750-272	\$3.03
Gascolator Bowl Seat • J-5, PA-15/17, PA-16	U750-273	\$19.85
Tailpipe Attach Clamp • J-5	U80002-022	\$42.41
Cable Clamp • PA-15/17, PA-16	U80032-034	\$28.69
Fuel Tank Strap Stud • J-5, PA-15/17, PA-16	U80111-000	\$25.26
Fuel Tank Filler Neck Grommet • PA-15/17, PA-16	U80122-048	\$8.62
Gascolator Gasket • PA-15/17, PA-16	U85012-032	\$4.40
Fuel Gauge Sight Tube Washer (With Hole) • PA-16	U85012-053	\$3.45
Gascolator Cover • J-5, PA-15/17, PA-16	U87477-002	\$128.97
Swivel Cable Attach Fitting • PA-15/17, PA-16	U91193-000	\$21.70

Spinner

**FAA-PMA
APPROVED**

- Applicability: Piper PA-16 with O-235 or O-290 engines with AM series Sensenich propellers

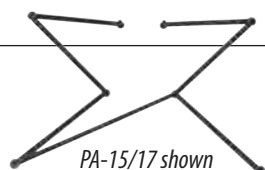


Spinner Dome	U13661-000	\$417.24
Front Plate	U13664-000	\$178.71
Back Plate	U13663-000	\$192.66
Complete Assembly	U13661-A	\$732.55

Engine Mounts

**FAA-PMA
APPROVED**

J-5	U00032-016	\$1,569.10
PA-16	U11786-000	\$1,738.01
PA-15/17	L11824-000	\$881.16



Fuel Drain Items

- Applicability: J-4, PA-15/17 frame fuel tanks with 3/8 inch NPT drain boss
- Compliance with AD 85-06-04

Aluminum Elbow	AN915-3D	\$28.06
Aluminum Reducer	AN912-3D	\$9.34
Drain Valve	22179-000	\$30.66
Plastic Tube (priced per foot, 3 feet required)	189-543	\$0.95

Fuel Warning Placard

- Applicability: Piper J-4, PA-15/17
- Self-adhesive sticker
- Approximate Size: 2 1/8" wide by 1 1/8" high



Drain Fuel Warning Placard	PLACARD-850604	\$10.14
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Tachometer Cables

**FAA-PMA
APPROVED**

PA-15/17, PA-16, Non-Recording, 34.0"	U1713-N340	\$166.95
PA-15/17, PA-16, Recording, 32.5"	U1713-R325	\$166.95

Frame

Description	Part #	Price
Rubber Moulding, 2 Feet • J-4, J-5, PA-15/17, PA-16	U19657-000	\$21.97
Upper Engine Mount Fitting • J-5, PA-15/17, PA-16	20291-000	\$196.74
Lower Engine Mount Fitting • J-5, PA-15/17	20301-000	\$182.35
Battery Access Door • J-5C	U10275-000	\$306.47
Battery Box Door Frame • J-5C	U10276-000	\$442.74
Fabric Reinforcement • J-5C, PA-15/17	U10293-002	\$23.97
Top Cowl Assembly • J-5C	U10699-000	\$219.99
Rear Wing Attach Fitting, Left • PA-15/17, PA-16	U11821-000	\$48.48
Right	U11821-001	\$48.48
Yoke Inspection Plate, Left • PA-16	U11990-000	\$38.04
Right	U11990-001	\$38.04
Inspection Hole Plate • J-4, J-5, PA-15/17, PA-16	U12761-002	\$49.20
Landing Gear Fitting, Left • PA-16	U21262-004	\$397.77
Right	U21262-005	\$397.77
Tail Post Assembly • PA-16	U22412-000	\$185.18
Rudder Pedal Fitting • J-5C	U24121-002	\$8.65
Short Fairlead Segment • J-4, J-5, PA-15/17, PA-16	U40071-000	\$1.38
Fairlead Snap Ring • J-4, J-5, PA-15/17, PA-16	U40081-000	\$0.51
Door Latch Kit • J-4, J-5, PA-15/17, PA-16	U52745-000	\$5.32
Tail Inspection Plate, Left • PA-15/17, PA-16	U60742-000	\$40.35
Right	U60742-001	\$40.35
Rectangular Inspection Cover • PA-15/17, PA-16	U82461-000	\$18.92

**For stringer blanks, see the
Raw Materials section on page 257.**

PIPER J-4 • J-5 • PA-15/17 • PA-16

Piper Grommets



1) Grommet, Tail • PA-16.....	U10292-000	\$13.65
Aluminum Grommet • J-5, PA-16	10292-000A	\$13.71
2) Grommet • PA-16.....	U10984-000	\$19.64
3) Grommet • J-5, PA-15/17, PA-16	80122-051	\$4.37
Grommet (Generic) • J-5, PA-15/17, PA-16.....	483-15	\$1.01
Wing Drain Grommet • J-4, J-5, PA-15/17, PA-16	U80122-053	\$4.30
4) Grommet, Strut • PA-15/17, PA-16.....	U15761-000	\$9.15
5) Grommet, Tail • J-5, PA-15/17.....	U10293-000	\$11.25
Grommet, Aluminum • J-5, PA-15/17, PA-16.....	10293-000A	\$13.06
6) Grommet • PA-15/17, PA-16.....	U80541-002	\$15.55
7) Grommet, Pulley Cover • J-5	U60671-000	\$12.20

Steel 'U' Channels • 6 Foot Length

¼ x ¼ inch Channel (750-284)	X141472	\$8.26
¾ x ¾ inch Channel, 24 gauge	U750-285	\$12.26
¾ x ¾ inch Channel, 20 gauge	U750-285HD	\$13.00
½ x ½ inch Channel	X121272	\$32.47
¾ x ½ inch Channel	X341272	\$31.70
⅝ x ½ inch Channel.....	X581272	\$28.46

Reinforcement Patches

- Made of black vinyl
- #1 is approximately 4.5" high by 2" wide
- #2 is approximately 2⅞" high by 2" wide

1) U60863-005 • J-4, J-5.....	\$9.64
2) U60863-009 • J-5	\$11.78



Landing Gear

Description	Part #	Price
Landing Gear Hardware Kit • PA-15/17	750-611	\$226.50
Landing Gear Vee Bushing • J-5	80022-026	\$16.21
Nose Gear Insert Bushing • J-4.....	80022-047	\$3.88
Landing Gear Vee Assembly, Left • PA-16.....	L11782-000	\$2,657.14
Right.....	L11782-001	\$2,657.14
Brake Line • PA-15/17	U10034-002	\$67.92
Outer Fairing Assembly, Left • J-5C	U10283-000	\$488.64
Right.....	U10283-001	\$488.64
Uncovered Landing Gear Vee, Left • PA-15/17.....	U11554-000	\$1,313.60
Right.....	U11554-001	\$1,313.60
Long Shock Strut • J-5	U30432-000	\$411.54
Short Shock Strut • J-5	U30442-006	\$428.27

Uncovered Landing Gear Vee, Left • J-5.....	U30452-000	\$1,122.20
Right.....	U30452-001	\$1,122.20
Cabane Vee • J-5.....	U30473-000	\$463.02
Axle Nut • J-4, J-5, PA-15/17, PA-16	U30491-000	\$80.99
Landing Gear Vee Bushing • PA-15/17, PA-16.....	U80022-063	\$16.68

Tailwheel Springs

FAA-PMA
APPROVED



Tailwheel Spring Set • PA-15/17	PA17TWS.....	\$161.31
Tailwheel Spring Set • PA-16 (S/N 1 to 272).....	PA16TWS4L.....	\$236.92
Tailwheel Spring Set • PA-16 (S/N 273 and up).....	PA18TWS4L.....	\$247.14
Tailwheel Leaf Spring, Top • PA-16	U10999-002	\$54.12
Tailwheel Leaf Spring, Middle • PA-16	U10999-003	\$77.78
Tailwheel Leaf Spring, Bottom • PA-16.....	U10999-005	\$77.56
Tailwheel Spring, Bottom Leaf • PA-16 (S/N 273 +).....	U12567-002	\$94.10
Tailwheel Spring, Middle Leaf • PA-16 (S/N 273 +)	U12567-003	\$93.41
Tailwheel Spring, Top Leaf • PA-16 (S/N 273 +)	U12567-004	\$57.93
Tailwheel Leaf Spring, Middle • PA-15/17	U30512-002	\$78.35
Tailwheel Leaf Spring, Bottom • PA-15/17	U30512-004	\$74.91
Tailwheel Leaf Spring, Top • J-5, PA-15/17	U30522-000	\$59.02
Tailwheel Spring Attach Clamp • J-5	U30531-000	\$33.17
Tailwheel Spring Clamp • PA-16.....	U30531-002	\$107.10
Tailwheel Spring Top Pad • J-4, J-5, PA-15/17, PA-16.....	U30541-002	\$11.95
Tailwheel Attach Washer • PA-16	U85012-048.....	\$9.75

PA-17 Shock Strut Parts

FAA-PMA
APPROVED



A) Long Strut • PA-17	U11804-000	\$616.62
B) Short Strut • PA-17	U11803-000	\$685.44
C) Adapter (2 required) • PA-15/17, PA-16	U11806-000	\$159.41

Note: The U11553-000 PA-15 landing gear brace is no longer available.

Shock Cords

- High quality Superior brand shock cords
- Manufactured from multiple rubber strands
- Priced and sold individually



Standard • J-5	U30462-002	\$48.76
Standard • PA-15/17	U31322-000	\$64.65
Standard • PA-16.....	U31322-006	\$46.65
Cold Weather • PA-16.....	1080HD-CW	\$65.27
Cold Weather • PA-17.....	1280HD-CW	\$54.99
Cold Weather • PA-15/17.....	1280-CW	\$42.37

Piper Hub Caps

**FAA-PMA
APPROVED**

Steel

- For original 8.00 x 4 Goodrich wheels
- Stamped cap has "CUB" in raised lettering

Stamped U31702-000 **\$60.01**
Plain (Primed Only)..... U31702-002 **\$49.20**



Aluminum

- For 6.00 x 6 Cleveland conversion wheels
- Stamped cap has "CUB" in raised lettering

Stamped with "CUB" U1680-00 **\$41.24**
Plain (Bare Aluminum) U1680-02 **\$35.69**



Cub Mask

Fits over the raised letters on the above hub caps and makes the job of painting cleaner and neater. Set of 2.

Cub Mask CUB-MASK **\$17.45**



Shock Cord Covers

Shock Cord Cover • PA-15/17
U10566-003 **\$59.57**
Black Vinyl Shock Cord Covers • J-5
U31073-000 (Sold As Pair) **\$106.50**
Black Vinyl Velcro-Type Shock Cord Cover • J-5
31073-SC (Sold As Pair) **\$77.96**



Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.



McCauley Aluminum Fixed-Pitch Propellers

J-5A, Continental C-85 CM7144 **\$5,679.19**
J-5A, Continental C-85 CM7146 **\$5,679.19**
J-4E, J-5A, Continental C-75, C-85 CM7148 **\$5,679.19**
J-5A, J-5B, Continental C-90 CM7347 **\$4,728.80**
J-4A, Continental A-65 CM7443 **\$5,503.14**
J-4A, Continental A-65 CM7445 **\$4,728.80**
J-5A, Continental C-75 CM7449 **\$4,728.80**

Sensenich Aluminum Propellers

J-4A, Continental A-65 74CK-0-44 **\$5,884.50**
PA-17, Continental A-65 74CK-2-46 **\$5,884.50**
PA-17, Continental A-65 74CK-2-48 **\$5,884.50**
J-5, Continental C-90 76AK-2-44 **CALL**
J-5A, Continental C-75 76AK-2-46 **CALL**
PA-16S, Lycoming O-235 76AM6-2-44 **\$5,800.50**
PA-16, Lycoming O-235 76AM6-2-48 **\$5,880.50**
PA-16, Lycoming O-235 76AM6-2-50 **\$5,880.50**

Sensenich Wood Propellers

J-4E, J-5A, Continental A-75 W70DK-40 **\$3,550.00**
J-4E, J-5A, Continental A-75 W70DK-42 **\$3,550.00**
J-4F, Lycoming O-145 W70LY-34 **\$3,550.00**
J-4F, PA-15, Lycoming O-145 W70LY36 **\$3,550.00**
J-4A, PA-17, Continental A-65 W72CK42 **\$3,550.00**
J-4A, PA-17, Continental A-65 W72CK44 **\$3,550.00**
J-4A, PA-17, Continental A-65 W72CK42-SB **\$3,585.00**

Tail Section

Description	Part #	Price
Elevator, Left • PA-15/17	11579-000	\$1,231.98
Rudder Attach Hardware Kit • J-4, J-5, PA-15/17, 16	PSK-1	\$44.15
Elevator Attach Hardware Kit • J-4, J-5, PA-15/17, 16	PSK-2	\$77.74
Tail Brace Fitting • J-5C, PA-16	U10075-002	\$35.54
Upper Tail Brace Fitting • J-5C, PA-16	U10075-003	\$35.54
Lower Tail Brace Fitting • J-5C, PA-16	U10075-004	\$37.34
Bungee Spring • PA-16	U10940-002	\$69.00
Rudder Arm • J-4, PA-15/17, PA-16	U1140A-000	\$229.88
Fin Assembly • PA-16	U11783-000	\$690.56
Rudder Bracket • J-5C, PA-15/17, PA-16	U12651-000	\$55.95
Clevis Washer • J-5, PA-15/17, PA-16	U40131-000	\$9.60
Elevator Horn • J-5, PA-16	U40551-000	\$44.06
Uncovered Elevator Assembly • J-5, PA-15/17, 16	U40572-000	\$708.52
Uncovered Rudder Assembly • J-5C, PA-15/17, 16	U40622-000	\$871.92
Uncovered Horizontal Stabilizer • J-5, PA-15/17	U40643-000	\$833.55
Upper Tail Brace Wire • PA-15/17, PA-16	U41031-002	\$44.54
Lower Tail Brace Wire • J-5, PA-15/17, PA-16	U41031-003	\$39.18
Long Bushing • J-4, J-5, PA-15/17, PA-16	U80022-044	\$1.33
Short Bushing • J-4, J-5, PA-15/17, PA-16	U80022-045	\$1.68
Wing Drain Grommet • J-4, J-5, PA-15/17, PA-16	U80122-053	\$4.30
Rectangle Inspection Plate Grommet • PA-15/17, 16	U80541-002	\$15.55
Liner Tube, 8 Inch • J-5, PA-16	U86062-079	\$102.53
Stabilizer Liner Tube, 16 Inch • J-5, PA-16	U86062-080	\$136.05

Univair parts have
been made in the
USA since 1946



PIPER J-4 • J-5 • PA-15/17 • PA-16

Vertical Stabilizer

FAA-PMA
APPROVED

- Applicability: Piper J-3, J-4, J-5
- Uncovered
- Includes bushings

Vertical Stabilizer U40592-000 **\$594.01**



Tail Brace Wires

FAA-PMA
APPROVED

- Round type to comply with AD 60-01-07
- Stainless steel wires and clevis



Upper Wire Assembly U10555-002 **\$220.10**
 Lower Wire Assembly U10556-002 **\$220.10**
 Original Installation Kit* 10555-KIT **\$73.66**

* Use first time round wires are installed



Top wire clevis Bottom wire clevis Square washer Brass nipple

Top Wire, Upper Clevis (40521-008) U61341-003 **\$35.12**
 Top Wire, Lower Clevis (40521-007) U61341-002 **\$46.52**
 Bottom Wire, Upper Clevis (40521-009) U61341-004 **\$50.67**
 Bottom Wire, Lower Clevis (40521-010) U61340-000 **\$46.52**
 Square Washer U81102-002 **\$6.42**
 Brass Tie Rod Nipple U41051-000 **\$32.04**
 Jam Nut AN315-5 **\$0.26**
 Clevis Bushing U82732-072 **\$6.80**

Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Windshield, J-4 00079-020 **\$360.11**
 Rear Window, Right, J-4, PA-16 12011-000 **\$50.49**
 Windshield, J-5 52412-000 **\$388.33**
 Windshield, Round Type, J-5C 10212-000 **\$363.08**
 Windshield, PA-15/17, PA-16 11631-000 **\$437.33**
 Sliding Window, Left, PA-15/17, PA-16 11636-000 **\$60.89**
 Front Door Window, Right, PA-15/17, PA-16 11651-000 **\$76.48**

Toll Free Sales: 1-888-433-5433
 Shop Online: www.univair.com

Wings

Description	Part #	Price
Drag Strut 'N' Brace Tube • J-4, PA-15/17, PA-16	U10112-007	\$97.98
Inboard Wing Trailing Edge • J-5C	U10117-000	\$135.52
Leading Edge Inboard 'U' Channel • J-5	U10123-000	\$151.37
Rear Jury Strut Clamp, Left • J-5	U10124-000	\$207.59
Right	U10124-001	\$201.59
Front Jury Strut Clamp, Left • J-5	U10125-000	\$141.24
Right	U10125-001	\$177.23
Jury Strut, Left • J-5	U10126-000	\$713.36
Right	U10126-002	\$429.03
Door Catch Clamp • J-5	U10149-000	\$207.83
Drag Strut Lock Bolt Plate • J-4, J-5, PA-15/17, 16	U10151-000	\$3.24
Tie Rod • J-4, J-5	U10191-002	\$73.56
Tie Rod Nipple • J-4, PA-15/17, PA-16	U10201-000	\$12.32
Jury Strut Brace Tube • J-5	U10203-000	\$138.81
Tie Rod Nipple • J-4, J-5, PA-15/17	U10211-000	\$47.53
Tie Rod Clevis • J-4, J-5, PA-15/17, PA-16	U10221-000	\$18.61
Upper Front Strut Cuff, Left • J-5C	U10225-000	\$115.67
Right	U10225-001	\$115.67
Upper Rear Strut Cuff, Left • J-5C	U10226-000	\$112.10
Right	U10226-001	\$112.10
Front Spar Butt Hinge Fitting • PA-15/17, PA-16	U10401-000	\$48.13
Rear Spar • J-4	U10563-000	\$527.91
Front Spar • J-4	U10573-000	\$758.60
Leading Edge Cover, Left • PA-16	U10630-004	\$203.31
Rear Jury Strut Clamp • J-5, PA-15/17, PA-16	U10656-000	\$37.94
Aileron Hinge Bracket • PA-15/17, PA-16	U10912-006	\$111.64
Clamp Hinge Bracket • J-5C	U10931-000	\$28.21
Flap Return Spring • PA-15/17	U10940-000	\$35.25
Navigation Light Wire Clip • J-4	U11061-000	\$8.12
Fairlead 'U' Bracket • J-4, J-5, PA-16, PA-17	U11151-000	\$9.41
Upper Wing Root Fairing • PA-15/17, PA-16	U11523-000	\$84.75
Lower Wing Fairing, Right • PA-15/17, PA-16	U11524-003	\$79.30
Bottom Root Fairing, Left • PA-15/17, PA-16	U11524-004	\$79.30
Bottom Root Fairing, Left • PA-15/17, PA-16	U11525-000	\$75.42
Bottom Root Fairing, Left • PA-15/17, PA-16	U11525-002	\$75.42
Wing Root Fairing, Left • PA-15/17, PA-16	U11526-000	\$100.14
Wing Root Fairing, Right • PA-15/17, PA-16	U11526-001	\$100.14
Eye Bolt • J-4, J-5	U11601-000	\$59.46
Bottom Wing Fairing, Right • PA-15/17, PA-16	U11659-000	\$37.04
Aileron Bellcrank Bracket, Left • J-4, J-5	U11722-000	\$640.42
Right	U11722-001	\$640.42
#1 Channel Brace • J-4, J-5, PA-15/17, PA-16	U12252-002	\$13.65
#3 Channel Brace • J-4, J-5, PA-15/17, PA-16	U12252-003	\$17.71
Wing Channel Brace • J-4, J-5, PA-15/17, PA-16	U12252-004	\$13.65
Wing Channel Brace • J-5, PA-15/17, PA-16	U12252-005	\$13.65
Wing Channel Brace • J-4, J-5	U12252-006	\$14.80
Brace Wing Channel • J-4	U12252-007	\$13.65
#2 Wing Channel Brace • J-4, J-5, PA-15/17, PA-16	U12252-008	\$16.05
Leading Edge Attach Plate • J-4, J-5	U12331-002	\$5.86
Leading Edge Tip Skin, Left • J-5C	U12412-000	\$230.95
Right	U12412-001	\$259.61
Center Aileron Hangar Bracket • J-4, J-5	U12482-000	\$122.76

Inspection Hole Plate • J-4, J-5, PA-15/17, PA-16	U12761-002	\$49.20
Rib Doubler, Left • J-5C, PA-15/17, PA-16	U1303-01	\$9.88
Right.....	U1303-02	\$9.39
Outboard Leading Edge Skin • PA-15/17, PA-16.....	U13072-005	\$79.01
Aileron False Spar Gusset • PA-15/17, PA-16.....	U13171-000	\$39.35
Strut Fork • J-4	U13770-002A	\$186.28
Rear Spar Butt Hinge Fitting • PA-15/17, PA-16.....	U14161-000	\$38.05
Rear Spar Lift Strut Fitting • PA-15/17, PA-16.....	U14182-000	\$37.21
Strut Fitting • PA-15/17, PA-16	U14192-000	\$54.47
#4, #5, #6 Drag Strut • PA-15/17, PA-16.....	U14222-000	\$183.54
#2, #3 Drag Strut • PA-15/17, PA-16	U14222-002	\$176.69
#1 Drag Strut • PA-15/17, PA-16	U14232-002	\$165.76
Upper Pulley Bracket • PA-15/17, PA-16	U14261-002	\$83.88
Rear Spar Lift Strut Filler Block • PA-15/17, PA-16	U14271-000	\$39.25
Aileron Hinge Bracket Angle, Left • PA-15/17, 16.....	U14291-000	\$22.42
Right.....	U14291-001	\$22.03
Drag Strut Reinforcement Angles • PA-15/17, PA-16		
Front Spar #2 Drag Strut Reinforcement Angle.....	U14401-003	\$24.87
Front Spar #3 Drag Strut Reinforcement Angle.....	U14401-004	\$13.80
Front Spar #5 Drag Strut Reinforcement Angle.....	U14401-005	\$25.79
Rear Spar #2 Drag Strut Reinforcement Angle.....	U14411-002	\$14.33
Rear Spar #3 Drag Strut Reinforcement Angle.....	U14411-003	\$18.15
Rear Spar #5 Drag Strut Reinforcement Angle.....	U14411-004	\$13.38
Left Strut Front Spar Filler Block • PA-15/17, PA-16	U14461-000	\$49.96
False Spar Brace • PA-15/17, PA-16.....	U14541-000	\$60.58
#1 Drag Strut • J-5C.....	U14852-000	\$484.25
#3 Drag Strut • J-5C.....	U14862-000	\$384.44
#2 Drag Strut • J-5C.....	U14872-000	\$172.71
Leading Edge Cover • PA-15/17, PA-16.....	U15472-002	\$128.57
Leading Edge Cover, Left • PA-15/17	U15482-000	\$192.59
Center Leading Edge Cover, Right • PA-15/17.....	U15482-001	\$191.63
Leading Edge Cover, Left • PA-16.....	U15482-002	\$252.95
Leading Edge Cover, Right • PA-16	U15482-003	\$249.62
Outboard Aileron Bay False Spar, Left • PA15/17, 16	U15562-002	\$81.10
Right.....	U15562-003	\$81.10
False Spar, Left • PA-15/17, PA-16.....	U15572-000	\$69.28
Right.....	U15572-001	\$69.28
Rear Left Strut Spacer • PA-15/17, PA-16	U15631-003	\$19.06
Leading Edge Tip Cover, Left • PA-15/17, PA-16	U15723-000	\$300.27
Right.....	U15723-001	\$300.27
Leading Edge Reinforcement • J-4, J-5, PA-15/17	U15742-000	\$47.98
Leading Edge Reinforcement • PA-16.....	U15742-002	\$72.16
Upper 'N' Brace Tube • J-5C, PA-15/17, PA-16.....	U16462-000	\$138.07
Lower 'N' Brace Tube • J-5C, PA-15/17, PA-16.....	U16472-000	\$138.55
Outboard False Spar, Left • J-5C	U16502-000	\$96.21
Right.....	U16502-001	\$96.21
Inboard False Spar, Left • J-5C	U16512-000	\$139.91
Right.....	U16512-001	\$139.91
Tip Bow Fitting • PA-15/17, PA-16	U16551-000	\$22.38
Tip Bow Fitting • PA-15/17, PA-16	U16601-000	\$17.16
Tip Bow Fitting • PA-15/17, PA-16	U16611-000	\$12.50
Rib Repair Splice • J-4, J-5, PA-15/17, PA-16.....	U16651-004	\$12.27
Elevator Pushrod Assembly • J-4, J-5	U40001-000	\$198.91
Aileron Rib • PA-15/17, PA-16.....	U40581-002	\$15.52
Pulley Housing • PA-15/17, PA-16.....	U41291-000	\$58.71
Pulley Bracket • PA-15/17, PA-16.....	U41421-000	\$24.52
Inboard/Outboard Aileron Hinge • PA-15/17, 16.....	U41881-000	\$86.84

Uncovered Aileron Assembly, Left • PA-15/17, 16.....	U42585-000	\$1,625.88
Right.....	U42585-001	\$1,625.88
Aileron Trailing Edge • PA-15/17, PA-16.....	U42922-000	\$37.01
Trailing Edge • PA-15/17, PA-16	U42933-000	\$111.59
Aileron Spar, Left or Right • PA-15/17, PA-16.....	U42972-000	\$96.89
Rod End Bearing • J-4, J-5	U452-335	\$49.26
Wingtip Bow • PA-15/17, PA-16.....	U453-126	\$48.44
Wing Root Fairing, Bottom Front • J-5C, D	U60361-000	\$28.04
Top Wing Root Fairing, Left • J-5C, D	U60451-000	\$68.92
Right.....	U60451-001	\$68.92
Jury Strut Fairing • J-5.....	U60722-000	\$293.82
Rib Diagonal Brace • J-4, J-5, PA-15/17, PA-16	U750-287	\$15.22
Square Washer • J-4, J-5, PA-15/17, PA-16.....	U81102-002	\$6.42
Tie Rod Clevis Square Washer • J-4, 5, PA-15/17, 16 ...	U81102-003	\$4.81
Rectangular Inspection Cover • PA-15/17, PA-16	U82461-000	\$18.92
Wing Inspection Cover • PA-15/17, PA-16.....	U82461-100	\$14.47

Aluminum Bearing Block Repair Kit **STC APPROVED**

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.



- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
- Provide aircraft model, registration numbers, and serial number when ordering

Piper Bearing Block Repair Kit.....STC-SA02128LA **\$389.58**

Wing Spars

**FAA-PMA
APPROVED**

For PA-15 and PA-17

Rear Spar, Left.....	U11515-002	\$737.62
Right.....	U11515-003	\$737.62
Front Spar, Left.....	U11516-002	\$737.62
Right.....	U11516-003	\$737.62

For PA-16

Rear Spar, Left.....	U11754-002	\$760.21
Right.....	U11754-003	\$760.21
Front Spar, Left.....	U11753-002	\$705.28
Right.....	U11753-003	\$786.81

For J-5C (Metal Spars)

Rear Spar, Left.....	U14823-002	\$652.84
Right.....	U14823-003	\$652.84
Front Spar, Left.....	U14753-002	\$787.76
Right.....	U14753-003	\$663.65

One-Piece Stamped Aluminum Wing Ribs



- Applicability: Piper J-5C, PA-15/17 and PA-16; FAA/STC approved
- Individual ribs and applicability charts start on page 135
- For replacement rib kits, see page 141

Drag Wires and Fittings

**FAA-PMA
APPROVED**

Drag Wire • PA-15/17, PA-16.....	U14941-004	\$41.16
Drag Wire • PA-15/17, PA-16.....	U14941-005	\$56.01
Drag Wire • PA-15/17, PA-16.....	U14941-006	\$31.78
Drag Wire • PA-15/17, PA-16.....	U14941-007	\$37.38
Drag Wire • PA-16.....	U14941-011	\$115.64
Drag Wire Fitting • J-5.....	U10161-002	\$16.42
Drag Wire Fitting • J-5.....	U10161-003	\$16.42
Drag Wire Fitting • PA-15/17, PA-16.....	U10161-004	\$16.42
Drag Wire Fitting • PA-15/17, PA-16.....	U10161-005	\$16.42
Drag Wire Fitting • J-5C.....	U10171-002	\$7.65
Drag Wire Fitting • J-5C, PA-15/17, PA-16.....	U10171-003	\$7.65
Drag Wire Fitting • PA-15/17, PA-16.....	U10171-004	\$7.65

Lift Strut Hardware

For Piper J-4, PA-15 and PA-17

Lift Strut Clevis Bolt	U82141-000	\$27.72
Shear Castle Nut.....	AN320-5	\$1.00
Cotter Pin (AN380-3-3)	MS24665-283	\$0.04

For Piper J-5 and PA-16

Lift Strut Clevis Bolt	U13241-000	\$18.29
Shear Castle Nut.....	AN320-6	\$1.00
Cotter Pin (AN380-3-3)	MS24665-283	\$0.04

Lift Struts

**FAA-PMA
APPROVED**



Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts include the new heavy-duty, heat treated, magnafluxed 5/8 inch rolled thread strut fork and nut (see below).

Front Strut • J-4.....	U85549-002	\$908.66
Rear Strut • J-4.....	U85550-002	\$881.51
Front Strut* • J-5.....	U85552-002	\$751.25
Rear Strut* • J-5.....	U85553-002	\$751.25
Front Strut • PA-15/17.....	U85556-002	\$905.94
Rear Strut • PA-15/17.....	U85557-002	\$892.37
Front Strut • PA-16.....	U85558-002	\$878.79
Rear Strut • PA-16.....	U85559-002	\$739.13

* These struts are a larger cross section than the original J-5 struts. They will require larger jury strut clamps.

Lift Strut Forks

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APPROVED**

Univair lift strut forks are made from heat-treated stainless steel with rolled threads, are magnafluxed and have always complied with ADs 81-25-05 and 2015-08-04.



1) For PA-15/17, 5/8 inch, With Nut*	U1600-01	\$179.88
1) For J-4, 5/8 inch, With Nut*	U1600-02	\$174.47
2) For J-5, PA-16, 5/8 inch, With Nut*	U89201-003	\$156.37
3) For PA-15/17, 3/8 inch	U11281-005	\$309.31
4) For J-5, PA-16, 7/16 inch	U14481-003	\$124.16

* Apply only to new sealed struts

NOTES

PIPER PA-18 • PA-18A

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Brakes

Description	Part #	Price
Brake Pedal, Left	10734-000	\$183.73
Right.....	10734-001	\$178.19
Brake Pedal Block.....	41531-000	\$87.27
Brake Reinforcement Channel.....	U12944-000	\$44.82
Outer Pedal Block.....	U41521-000	\$105.99
Stop Plate.....	U41561-000	\$29.22
Brake Pedal Tie Rod.....	U41581-004	\$89.83
Master Cylinder Diaphragm	U750-384	\$46.01
Brake Lock Control Rod	U752-788	\$61.64

Brake Master Cylinder

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For more details on master cylinders and wheel and drum assemblies, see the detailed illustration on page 299.

Left	U1248A.....	\$1,422.79
Right	U1260A.....	\$1,422.79



Univair Brake Pedal

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APPROVED

Univair has produced a master cylinder brake pedal that can be used on the Scott Master Cylinder on Piper J-3, PA-11, PA-12, and PA-18 aircraft. This pedal has a symmetrical design that replaces the separate left and right brake pedals (P/N 1712 and 1714).

This is a high quality part machined from a single billet of aluminum which eliminates any issues of voids associated with castings.

Brake Pedal, Left or Right..... U1715A..... **\$247.22**



Cleveland Wheels & Brakes Conversion Kit

Convert from your Goodrich wheels and brakes to the new Cleveland Wheels & Brakes. Uses the 6.00 x 6 tires. FAA 337 or STC approval required for installation.

- Lines and fittings are not included in the kit. Please order separately below.
- Request the STC when you purchase this kit and we included it at no charge.



Cleveland Conversion Kit.....	199-07100	\$3,996.91
STC, for 1¼ inch axle.....	STC-SA11RM-1.25	\$138.51
STC for 1½ inch axle	STC-SA11RM-1.5J	\$138.51

Installation may require:

Lines (2 required).....	U60703-002	\$76.03
Elbows (2 required) (558-819)	502X4	\$16.24
Elbows (2 required) (460-677)	402X4	\$5.08

All items above are priced and sold individually

Grove 800 x 4 Disk Brake Conversion

STC APPROVED

- For Goodrich wheels and brakes only
- Maintain your classic look
- Use your existing wheels, tires, tubes, master cylinder and brake lines
- Easy installation — all parts and special tools included



Grove Brake Conversion.....	76002	\$999.00
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Flexible Brake Line

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- From brake master cylinder to copper line on gear vee



Flex Brake Line.....	U71061-004	\$186.98
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PIPER PA-18 • PA-18A

Cleveland Wheels & Brakes Kit

STC APPROVED

- Heavy-duty wheels and brakes for use with L1015 series landing gears with 1½" axles
- Includes 2 each of wheels and brakes

Kit 199-23100..... **\$3,711.33**

STC Approval STC-SA17RM..... **\$181.13**

- Two each of the following axle spacers are required for proper installation – sold separately
- STC-SA17RM (above) required for installation

Axle Spacer, 1.26 inch U1105-06 **\$23.23**

Axle Spacer, 0.54 inch U1105-07 **\$35.69**



Cockpit • Interior

Decription	Part #	Price
Front Trim Strip	10049-002	\$44.14
Cockpit Center Panel, Right	10930-000	\$106.26
Cover Plate	11199-000	\$49.33
Seat Spring Link	11420-003	\$7.14
Stringer Spacer Plate, Left	11473-032	\$4.58
Baggage Strap, Buckle End	12036-002	\$20.92
Baggage Strap, Tip End	12036-003	\$21.96
Rear Back Seat Frame Assembly	12244-000	\$545.09
Rear Back Seat Frame Bottom Canvas	12286-000	\$53.61
Rear Seat Back Frame Canvas	12287-000	\$49.97
Cockpit Front Panel, Right	12311-000	\$155.71
Control Stick Lock	12855-000	\$45.60
Venturi Mount Plate	12876-000	\$72.16
Front Shoulder Strap	13129-009	\$211.06
Front Strap Bracket	13300-000	\$199.78
Rear Seat Bottom Frame	13453-000	\$553.03
Rear Seat Back Tube	13455-000	\$86.27
Baggage Compartment Rear Panel	13471-002	\$181.34
Baggage Compartment Rear Panel	13471-003	\$169.34
Baggage Compartment Rear Panel	14221-000	\$146.14
Control Stick Lock	14838-000	\$381.24
Door Handle	50173-012	\$16.74
Stabilizer Crank Lock Pin	81761-011	\$10.58
Cowl Attach Angle	U10796-000	\$38.27
Cowl Attach Angle	U10797-000	\$48.35
Starter Button Placard	U11015-000	\$18.20
Flap Handle Pawl	U11700-000	\$27.48
Seat Release Lever	U12079-000	\$88.02
Throttle Control Panel, Black	U12309-000BK	\$450.29
Red	U12309-000RD	\$450.30
Bare Aluminum	U12309-008	\$257.40
Throttle Decal	U12309-101	\$18.92
Throttle Panel, Left	U12314-000	\$159.41
Cowl Attach Angle, Lower	U12379-000	\$15.02
Cowl Attach Angle, Upper	U12379-002	\$15.01
Cockpit Panel, Upper Right	U12618-000	\$92.69

Cockpit Panel, Upper Right	U12618-002	\$102.72
Cockpit Panel, Upper Right	U12618-003	\$164.68
Cockpit Panel, Upper Right	U12618-004	\$143.72
Flap Control Lever	U12774-000	\$758.25
Flap Lever Ratchet	U12776-000	\$46.39
Pulley Cover	U12810-000	\$56.48
Fuselage Cowl Trim Plate	U13373-002	\$32.70
Fuselage Cowl Trim Plate	U13373-003	\$40.35
Fuselage Cowl Trim Plate	U13373-004	\$50.88
Ventilator Screw	U13903-000	\$6.59
Ventilator Gasket	U13914-000	\$9.58
Brake Line Cover Plate	U14435-000	\$113.46
Flap Lever Ratchet	U14904-000	\$38.99
Black Magnetos Switch Panel	U15299-001	\$74.72
Flap Lever Spring	U50111-000	\$4.02
Seat Base Adjusting Return Spring	U83302-013	\$16.91

PA-18 Blank Instrument Panel

8 inches high
CSI-1025 **\$110.74**

9 inches high
CSI-1028 **\$114.19**



Rear Seat Crossbar

STC APPROVED

- Applicability: PA-18, PA-19
- Removable for easier loading of aircraft
- Installation does not require welding
- STC SA681AL

Removable Rear Seat Crossbar 3146 **\$435.00**



Seat Cushions

- 5-piece front and rear seat set
- Includes 2 back cushions, 2 bottom cushions, 1 lower door seal

Brown Set PA18SS-4 **\$684.98**

Black Set PA18SS-7 **\$842.90**

Red Set PA18SS-3 **\$537.04**



NOTES

Seat Kits

Front Seat Kit for 95hp 12268-000-XK.... \$2,782.67

Kit includes:

Front Seat Base, 95hp 12268-000 **\$501.88**
 Front Seat Frame..... 12267-015 **\$1,986.91**
 Front Seat Bottom Canvas..... 12290-000 **\$56.13**
 Front Seat Back Canvas 12839-003 **\$53.79**

Front Seat Kit for 105-150hp 12268-011-XK.... \$2,980.79

Kit includes:

Front Seat Base, 105-150hp U12268-011 **\$1,562.45**
 Front Seat Frame..... 12267-015 **\$1,986.91**
 Front Seat Bottom Canvas..... 12290-000 **\$56.13**
 Front Seat Back Canvas 12839-003 **\$53.79**

Instrument Installation

Gyro Bushing (453-616)..... AN912-1D **\$8.04**
 Vacuum Line Elbow (458-893)..... MS20822-3D **\$18.78**
 Vacuum Line Elbow (458-903)..... AN842-4 **\$52.00**
 Vacuum Line Elbow (458-920)..... 3400X2 **\$6.14**
 Vacuum Line Plug (460-669) 3152X2 **\$1.42**
 Vacuum Line Adapter (476-652) AN840-6D **\$11.96**
 Venturi Tube Assembly..... 11987-015 **\$46.05**
 Turn and Bank Tube Assembly..... 11987-043 **\$9.71**
 Instrument Panel, S/N 3771, 3781 and up 13684-000 **\$94.60**
 Vacuum Control Valve 14205-000 **\$106.96**
 Instrument Panel, 150hp, S/N 8021 and up 15249-300 **\$498.64**

Cockpit Control Installation

Ignition Switch..... 487-823 **\$17.66**
 Airspeed Tube Assembly 10554-000 **\$17.53**
 Ignition Switch, Carburetor and Cabin Heat Panel
 Black (S/N 2191 and up)..... 10666-003 **\$272.14**
 Red (S/N 2191 and up) 10666-006 **\$272.14**
 Carburetor and Cabin Heat Cable
 Front Bracket Assembly U10780-000 **\$121.23**
 Throttle Assembly, 95hp,
 Without Electrical System U12694-000 **\$592.73**
 With Electrical System U12694-002 **\$623.29**
 Throttle Assembly, 125-150hp..... U12694-003 **\$557.60**
 Carburetor Heat Control, S/N 1 to 2190..... U12955-000 **\$208.97**
 Airspeed Indicator Tube..... 13541-004 **\$14.22**
 Oil Radiator Bracket Support Strap, 135hp..... 14054-000 **\$10.57**
 Ignition Switch Guard 15300-000 **\$46.16**
 Push-Pull Control Cable, 65", Excludes Knob U16775-000 **\$81.75**
 Throttle Control Lever U41491-000 **\$80.64**
 Throttle Lever Connecting Link U41551-000 **\$64.40**
 Cable Swivel Fitting U70371-002 **\$17.41**
 Cable Stud Fitting U70371-003 **\$27.73**
 Throttle Friction Lug..... U81172-020 **\$9.01**
 Throttle Friction Washer..... U81342-020 **\$3.48**
 Airspeed Hose U83161-002 **\$7.40**

Knobs

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Black Throttle Knob U10911-000..... **\$13.06**
 Ivory Door Knob 471-051..... **\$2.19**
 Red Control Knob 108-6221502-20..... **\$7.33**



Control System

Description	Part #	Price
Upper Horn Link.....	U10449-000.....	\$35.90
Stabilizer Trim Link Clamp.....	U10466-028.....	\$18.80
Indicator Cover Plate, Black.....	U10936-000BK.....	\$75.87
Red.....	U10936-000RED.....	\$75.87
Flap Return Spring.....	U10940-000.....	\$35.25
Bungee Spring.....	U10940-002.....	\$69.00
Rudder Arm Assembly.....	U1140A-000.....	\$229.88
Flap Push Pull Rod.....	U11677-000.....	\$68.01
Flap Bellcrank Stop Plate.....	U11678-000.....	\$22.99
Stabilizer Adjust Crankshaft Pin.....	U12105-000.....	\$47.26
Cable Guard Bracket.....	U12241-000.....	\$34.14
Elevator Cable Guard.....	U13298-000.....	\$160.78
Front Control Stick Lower Stub.....	U13729-000.....	\$463.48
Front Control Stick Top.....	U13731-002.....	\$228.21
Rear Control Stick Top.....	U13731-003.....	\$200.33
Front Control Stick Assembly.....	U13733-002.....	\$598.93
Rear Control Stick Assembly.....	U13733-003.....	\$609.22
Torque Tube.....	U13735-000.....	\$1,101.41
Stabilizer Tube Yoke Link.....	U14180-002.....	\$327.14
Flap Return Spring.....	U14384-000.....	\$28.71
Heavy-Duty Flap Return Spring.....	U14384-000HD.....	\$31.28
Master Cylinder Brake Pedal, Left or Right.....	U1715A.....	\$247.22
Torque Tube Horn Stop, Left.....	U20841-000.....	\$85.40
Right.....	U20841-001.....	\$84.13
Rudder Pedal Fitting.....	U24121-003.....	\$8.65
Flap Control Bellcrank, Right.....	U40092-009.....	\$188.13
Left.....	U40092-010.....	\$198.90
Control Stick Connector.....	U40261-000.....	\$250.27
Rubbing Block.....	U40721-000.....	\$47.07
Cable Rub Plate.....	U40731-000.....	\$11.62
Fitting Plate.....	U40821-003.....	\$13.48
Rudder Pedal Spring.....	U40941-000.....	\$11.88
Upper Tail Brace Wire.....	U41031-002.....	\$44.54
Lower Tail Brace Wire.....	U41031-003.....	\$39.18
Trim Crank Escutcheon.....	U41101-000.....	\$37.34
Stabilizer Adjust Trim Crank.....	U41111-000.....	\$133.15
Stabilizer Indicator.....	U41121-000.....	\$36.45
Escutcheon Spring.....	U41151-000.....	\$10.12
Elevator Horn Link.....	U41271-002.....	\$19.58
Attach Shim.....	U41371-002.....	\$4.18
Torque Tube Bearing Shim.....	U41371-005.....	\$12.51
Stabilizer Indicator Wire.....	U42664-003.....	\$27.50
Cable Fairlead.....	U42911-000.....	\$13.96
Fin Leading Edge Fairing.....	U60602-000.....	\$132.17

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Elevator Horn Attach Bushing	U80012-017	\$13.34
Long Bushing	U80022-044	\$1.33
Short Bushing	U80022-045	\$1.68
Square Washer	U81102-002	\$6.42
Attach Link	U81262-008	\$12.91
Aileron Control Attach Link	U81262-036	\$19.31
Aileron Cable Link	U81352-011	\$10.96
Bungee Control Cable Spring	U81411-002	\$42.46

Control Cables

Visit our website for additional details on cables listed below.

Description	Part #	Price
Aileron Cable (to Lower Horn), 167 ¹⁵ / ₁₆ ", Galvanized.....	U40123-003	\$150.56
Stainless	U40123-003S	\$182.38
Aileron Cable (to Lower Horn), 167 ¹⁵ / ₁₆ ", Stainless	U14300-019	\$191.97
Aileron Cable (to Upper Horn), 173 ¹¹ / ₁₆ ", Galvanized.....	U40123-076	\$163.05
Aileron Cable, 173 ¹¹ / ₁₆ ", Stainless	U14300-028	\$177.66
Rudder Cable, 215 ¹ / ₈ ", Galvanized.....	10865-000	\$228.38
Stainless	U10865-005	\$263.76
Bungee Cable, 21 ¹ / ₄ ", Galvanized	U40123-078	\$46.12
Stainless	U40123-078S	\$45.41
Bungee Cable, 20 ⁹ / ₁₆ ", Galvanized.....	40123-066	\$34.39
Stainless	U40123-066S	\$41.28
Bungee Cable, 21 ¹ / ₄ ", Stainless.....	U40123-089	\$73.34
Bungee Cable, 20 ¹ / ₂ ", Stainless.....	U40123-081	\$60.61
Bungee Cable, 14 ¹¹ / ₁₆ ", Stainless	U40123-092	\$96.96
Bungee Cable, 4 ¹ / ₄ ", Stainless.....	U40123-088	\$82.88
Lower Elevator Cable, 204 ⁵ / ₁₆ ", Galvanized	U10870-008	\$186.65
Galvanized	10870-008	\$148.67
Lower Elevator Cable, 204 ¹⁵ / ₁₆ ", Galvanized	U13745-000	\$250.27
Stainless	U13745-003	\$294.27
Lower Elevator Cable, 204 ⁵ / ₁₆ ", Stainless	U10870-017	\$198.27
Upper Elevator Cable, 158 ¹⁵ / ₁₆ ", Galvanized	U10870-007	\$188.09
Stainless	U10870-016	\$186.11
Flap Cable, 105 ³ / ₄ ", Galvanized.....	U12794-000	\$149.46
Stainless	U12794-004	\$175.29
Flap Cable, Stainless.....	U13271-003	\$421.83
Flap Cable, 35.0", Galvanized.....	U40123-077	\$181.41
Stainless	U40123-077S	\$162.69
Flap Cable, 35.0", Stainless.....	U14300-027	\$200.62
Stabilizer Adjust Cable, 310 ⁵ / ₁₆ ", Galvanized.....	U41671-013	\$325.45
Stainless	U41671-015	\$327.65
Stabilizer Adjustment Cable, 360.0", Galvanized	U41671-017	\$345.29
Stainless	U41671-019	\$361.66
Turnbuckle Fork, Special Length.....	U461-132	\$54.62

Stabilizer Yoke and Adjust Screw

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Stabilizer Adjust Yoke	U42692-000	\$303.46
Stabilizer Adjust Screw.....	U42961-102	\$122.12

Piper Pulleys

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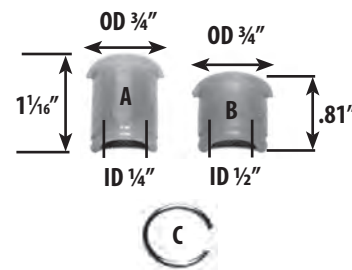
Description	O.D.	I.D.	Part #	Price
1) Pulley (Fiber)	2 ³ / ₄ inch.....	³ / ₈ inch	U40991-000	\$19.23
2) Pulley (Fiber)	2 ³ / ₄ inch.....	⁵ / ₁₆ inch.....	U41001-008	\$66.74
3) Pulley (Fiber)	1 ³ / ₄ inch.....	¹ / ₄ inch	U80421-000	\$12.99
4) Pulley (Fiber)	1 ¹ / ₈ inch.....	¹ / ₄ inch	U11200-000	\$17.47
5) Pulley (Fiber)	1 inch	¹ / ₄ inch	U43001-000	\$19.09
6) Pulley (Aluminum).....	2 ³ / ₄ inch.....	³ / ₈ inch	U12983-000	\$72.64
7) Pulley (Aluminum).....	4 inch	³ / ₈ inch	U11008-000	\$196.26
8) Pulley (Aluminum).....	4 inch	³ / ₈ inch	U12982-000	\$147.71

Fairleads

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- Fairlead halves are priced and sold individually

A) Long Fairlead Segment U40701-000	\$1.37
B) Short Fairlead Segment U40071-000	\$1.38
C) Snap Ring U40081-000	\$0.51



Liner Tubes

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Stabilizer Liner Tube, 16 inch (80132-011)	U86062-080	\$136.05
Stabilizer Rear Liner Tube, 8 inch (80132-010)	U86062-079	\$102.53



Throttle Control Cables

For PA-18 95hp, Without Electrical System U12694-000	\$592.73
For PA-18 105-150hp Lycoming U12694-003	\$557.60



Rudder Pedals

Left	U40842-004.....	\$206.43
Right.....	U40842-005.....	\$206.43



Push-Pull Control Cable

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- 65" long, stainless steel, knob not included
- Used for mixture, cabin heat, carb heat and other applications

Push-Pull Control Cable..... U16775-000 **\$81.75**

Electrical System

Description	Part #	Price
Fuse Terminal Jumper	10438-000	\$16.80
Insulator Strip	10443-000	\$24.15
Battery Ground Cable	11122-002	\$31.58
Solenoid to Starter Cable	11134-007	\$156.82
Fuse Block	11718-000	\$64.70
Starter Cable Cover.....	12021-000	\$36.77
Battery Box Cover.....	12045-000	\$158.61
Fuse Block	12156-000	\$50.96
Solenoid to Fuse Block Wire	12177-017	\$14.56
Voltage Regulator to Generator Wire	12177-022	\$21.50
Tail Light Wire, Connector to Disconnect	12177-026	\$4.97
Tail Light Wire, Disconnect to Rudder.....	12177-028	\$12.06
Solenoid to Starter Switch Wire	12177-029	\$10.89
#41 Jumper Wire.....	12177-032	\$11.10
Outboard Ground Light Wire	12177-033	\$14.56
Solenoid to Starter Switch Wire, 95hp	12177-040	\$14.18
Disconnect to Panel Unit Wire	12177-067	\$9.30
Wing Unit Wire.....	12177-068	\$14.56
Ground Wire	12177-069	\$7.88
Ammeter Wire Assembly.....	12177-071	\$19.28
Solenoid to Starter Switch Wire, 125-135hp	12177-088	\$12.59
Battery Box Lid	12280-000	\$136.88
Mounting Plate	12527-000	\$131.09
Battery Access Door	12913-000	\$174.96
Fuse Block Assembly	13051-000	\$78.44
Battery Door Frame.....	13179-000	\$257.19
Battery Box Assembly	13182-000	\$524.83
Fuse Block Mounting Panel	13292-000	\$109.05
Battery Vent Outlet Tube.....	13586-002	\$3.41
Battery Box	14064-000	\$591.70
Battery Box Cover.....	14065-000	\$296.51
Battery Air Intake Tube.....	14066-000	\$88.22
Battery Terminal Bolt	14069-000	\$45.74
Battery to Solenoid Cable.....	14224-002	\$53.43
Magneto Filter Box.....	14311-018	\$691.10
Angle Mounting Bushing	14843-002	\$61.54
Master Switch Panel, Black	15066-000	\$88.56
Electric Panel, Black	15067-000	\$1,474.43
Cockpit Panel, Upper Left Trim	15271-003	\$155.61
Fuel Gauge Circuit Breaker Plate	15275-000	\$29.20
Solenoid Mounting Plate	15491-002	\$35.26
Battery Ground Cable.....	17604-009	\$65.84
Battery Vent Outlet Tube.....	22369-023	\$10.68
Ignition Switch.....	487-823	\$17.66

Navigation Light Wire, Left or Right.....	U10128-028	\$37.34
Landing Light Wire, Inboard.....	U10128-093	\$27.09
Navigation Light Wire Clip.....	U11061-000	\$8.12
Landing Light Aiming Bracket.....	U12524-003	\$21.59
Landing Light Mounting Plate	U12527-003	\$136.18
Landing Light Reinforcement Plate.....	U12529-002	\$30.26
Landing Light Reinforcement Plate.....	U12529-003	\$36.45
Landing Light Lens Attach Strip	U12533-002	\$5.80
Side Attach Strip	U12533-003	\$8.68
Wing Navigation Light Bracket	U12560-000	\$144.52
Battery Access Door	U13180-000	\$168.95
Positive Terminal Insulation Strip.....	U14070-000	\$54.67
Terminal Bolt Assembly	U14225-000	\$87.93
Baffle Assembly, Right Front.....	U14439-007	\$293.40
Landing Light Lens Attaching Strip.....	U14787-003	\$15.61
Cockpit Panel, Upper Left Trim	U15271-002	\$46.75
Terminal Bolt Attach Washer.....	U81342-056	\$4.64

Concorde Batteries

- Applicability: Piper PA-18, PA-18A, PA-19
- Valve regulated sealed lead acid batteries



12 Volt, 22 Amp Hour.....	RG-25	\$355.00
12 Volt, 24 Amp Hour, Extra Capacity	RG-25XC	\$410.00
12 Volt, 29 Amp Hour.....	RG-35A	\$468.00
12 Volt, 33 Amp Hour, Extra Capacity	RG-35AXC	\$510.00

Clear Landing Light Lenses

Lens, 14" long	12532-000	\$79.45
Lens, 13.75" long	12532-003	\$103.95



Starter Solenoids

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This FAA-PMA approved solenoid is a 6 volt unit. It is a direct replacement for the original Piper solenoid. The 6 volt unit has larger contacts than a 12 volt unit thus providing a longer service life. The existing wiring is adequate for a 12 volt electrical system using this solenoid.



Starter Solenoids

With 5/16" Terminals.....	U487-149.....	\$112.70
With 3/8" Terminals.....	487-163.....	\$73.73



Master Relay with Negative Polarity

Power Relay	484-373.....	\$42.20
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Sealed Beam Bulb Unit

- For all popular aircraft landing lights
- 13 volts

Sealed Beam Bulb.....	4509	\$21.84
Halogen Unit.....	Q4509	\$27.12



PIPER PA-18 • PA-18A

Landing Light Kit

Piper PA-18 • 105-135hp

S/N 1 to 3770, 3772 to 3780

752-176.....\$1,688.82

Piper PA-18 • 135-150hp

S/N 3771, 3781 and up

754-053.....\$1,590.07



Engine • Cowling

Description	Part #	Price
Aero Classics Oil Cooler.....	8000074	\$390.29
Aero Classics Oil Cooler.....	8000328	\$747.94
Rear Baffle Support Bracket.....	10175-000	\$69.44
Intercylinder Baffle Hanger Support.....	10415-003	\$40.69
Flexible Hose, Shroud to Carburetor Air Box.....	10525-005	\$35.01
Flexible Hose, Cabin Heat.....	10525-006	\$14.94
Hose, Tailpipe Shroud to Carburetor Air Box.....	10525-015	\$33.48
Hose, Exhaust Stack Shroud to Muffler Shroud.....	10525-019	\$73.34
Cowl Support Tube, Right.....	10817-002	\$22.55
Left.....	10817-003	\$16.61
Rear Side Baffle Assembly, Left.....	10830-000	\$72.51
Right.....	10830-005	\$77.57
Front Side Baffle, Right.....	10832-000	\$103.61
Left.....	10835-000	\$82.12
Inner Cylinder Baffle.....	10922-000	\$15.24
Support Bracket, Front Left.....	11278-000	\$11.49
Support Bracket, Rear Left.....	11279-000	\$10.51
Support Bracket, Rear Right.....	11279-002	\$8.50
Support Bracket, Rear Left.....	11279-003	\$17.97
Support Bracket, Rear Right.....	11279-004	\$7.88
Baffle Assembly, Left Front.....	11282-000	\$100.62
Baffle Assembly, Right Front.....	11283-000	\$60.82
Baffle Assembly, Rear Center.....	11329-000	\$79.75
Baffle Assembly, Rear Left.....	11797-005	\$176.49
Baffle Assembly, Rear Left.....	11797-006	\$176.49
Carburetor Air Box.....	11950-007	\$1,036.57
Engine Oil Well Baffle Assembly.....	11951-007	\$118.08
Engine Breather Tube.....	11957-000	\$40.41
Cabin Heat Box.....	12315-000	\$411.54
Baffle Assembly, Right Rear.....	12319-000	\$443.24
Baffle Assembly, Right Rear.....	12319-006	\$417.82
Cowl Support Tube.....	12350-000	\$87.23
Baffle Assembly, Right Rear.....	12367-000	\$295.73
Baffle Assembly, Right Rear.....	12367-006	\$349.07
Baffle Assembly, Rear Left.....	12368-005	\$349.07
Rear Side Baffle Assembly, Right.....	12424-000	\$162.77
Front Side Baffle Assembly, Right.....	12425-000	\$111.77
Front Side Baffle Assembly, Left.....	12426-000	\$167.71
Rear Side Baffle Assembly, Left.....	12427-000	\$150.63
Baffle Assembly, Left Front.....	12428-000	\$367.91
Baffle Assembly, Left Front.....	12428-004	\$343.65

Inside Firewall Plate.....	12440-000	\$52.14
Baffle Assembly, Front Right.....	12749-000	\$243.15
Baffle Assembly, Front Right.....	12749-005	\$240.72
Support Bracket, Front Right.....	13010-000	\$5.85
Baffle Assembly, Rear Left.....	13744-000	\$383.63
Bracket Support Strap.....	14054-000	\$10.57
Oil Cooler Inlet Line, Right.....	14366-000	\$420.59
Engine Mount Stop Cable.....	14419-000	\$120.75
Oil Separator Discharge Tube.....	14420-000	\$43.87
Line Support Bracket, Oil Radiator.....	14549-000	\$92.44
Baffle Reinforcement Bracket.....	15019-000	\$46.58
Carburetor Air Box.....	15087-004	\$1,164.03
Baffle Reinforcement Plate.....	15158-000	\$53.15
Hose Clamp.....	454-877	\$4.56
Vacuum Check Valve.....	492-029	\$109.77
Throttle Control Clamp.....	70801-000	\$91.33
Baffle Tie Rod.....	71451-003	\$58.21
Intercylinder Tie Rod, Front.....	71451-008	\$5.42
Intercylinder Tie Rod, Inner.....	71451-010	\$60.86
Intercylinder Baffle.....	74912-000	\$47.09
Oil Pressure Line Clamp, at Magneto.....	U80002-003	\$20.71
Throttle Control Spacer Bushing.....	80022-068	\$14.18
Oil Pressure Tube, Non-Flexible.....	82332-026	\$84.90
Flexible Hose, Engine Breather Line.....	82371-056	\$32.02
Cowl Fastener Receptacle.....	130175-6P130	\$6.46
Tailpipe Support Clamp, Top.....	U10466-021	\$35.73
Tailpipe Support Clamp, Bottom.....	U10466-033	\$37.26
Tie Rod.....	U10487-000	\$20.53
Baffle Hanger Support.....	U10920-000	\$24.18
Outer Intercylinder Baffle.....	U10923-000	\$29.12
Cabin Heat Box.....	U12353-000	\$403.87
Baffle Assembly, Rear Left.....	U12368-000	\$527.89
Throttle Control Clamp.....	U12408-000	\$105.98
Side Cowl Support Tube.....	U12414-000	\$70.51
Vent Plate, Less Oil Drain Hole, Left.....	U12540-000	\$60.86
Vent Plate, With Oil Drain Hole, Right.....	U12540-002	\$66.77
Carburetor Air Box Scoop, Square Type.....	U12543-002	\$76.49
Throttle Control Cable, No Electrical System.....	U12694-000	\$592.73
Throttle Control Cable, With Electrical System.....	U12694-002	\$623.29
Throttle Control Cable.....	U12694-003	\$557.60
Carburetor Heat Control Cable.....	U12955-000	\$208.97
Oil Drain Valve.....	U12956-004	\$214.91
Oil Radiator Mounting Bracket, Right.....	U13720-000	\$373.07
Oil Radiator Mounting Bracket, Right.....	U13720-004	\$316.45
Oil Radiator Mounting Bracket, Left.....	U13725-000	\$608.82
Oil Radiator Mounting Bracket, Left.....	U13725-007	\$623.37
Baffle Assembly, Right Front.....	U14439-000	\$255.49
Baffle Assembly, Left Front.....	U14440-000	\$267.81
Engine Breather Tube.....	U14441-000	\$206.35
Front Side Engine Baffle, Left.....	U14452-000	\$159.56
Rear Side Engine Baffle, Right.....	U14455-000	\$118.17
Front Side Engine Baffle, Right.....	U14456-000	\$153.96
Rear Side Engine Baffle, Left.....	U14457-000	\$124.86
Rear Engine Baffle, Right.....	U14458-000	\$454.14
Rear Engine Baffle, Right.....	U14458-005	\$645.75
Rear Engine Baffle, Left.....	U14467-000	\$496.79
Rear Engine Baffle, Left.....	U14467-005	\$535.86

Rear Engine Baffle, Left.....	U14467-007	\$555.65
Carburetor Air Box.....	U15005-000	\$1,169.40
Carburetor Air Filter Dome.....	U15007-000	\$106.25
Carburetor Air Outside Scoop.....	U15009-000	\$213.49
Flexible Oil Pressure Hose.....	U15216-000	\$320.69
Front Right Baffle Assembly.....	U15529-002	\$302.94
Primer Jet.....	U31197-000	\$62.86
Throttle Control Lever	U41491-000	\$80.64
Throttle Lever Connector Link	U41551-000	\$64.40
Tailpipe Support Clamp, Bottom	U80002-020	\$29.29
Air Intake Tube Clamp	U80002-062	\$8.19
Flex Tube Clamp	U80222-032	\$24.99
Mixture Control Cable Link.....	U81262-019	\$6.25

Piper Spinners

**FAA-PMA
APPROVED**

- Applicability: Piper PA-18-150
- Use with DM series Sensenich propellers and GM series McCauley propellers



Spinner Dome	U14422-000	\$542.07
Front Plate	U14426-000	\$198.91
Back Plate	U14424-000	\$259.35
Complete Assembly	U14422-A	\$803.86

- Applicability: Piper PA-18 with O-235 or O-290 engines and AM series Sensenich propellers



Spinner Dome	U13661-000	\$417.24
Front Plate	U13664-000	\$178.71
Back Plate	U13663-000	\$192.66
Complete Assembly	U13661-A	\$732.55

Engine Mounts

**FAA-PMA
APPROVED**

C-90 Continental	U12209-000	\$1,563.98
125hp Lycoming	U12351-011	\$1,224.16
105hp, 135hp Lycoming.....	12351-012	\$649.70
150hp Lycoming*	U12351-015	\$1,013.99

* Complies with AD 72-01-07



Lower Cowl Assembly

**FAA-PMA
APPROVED**

135hp

S/N 3014 to 4617U13769-003.....**\$1,313.13**

150hp

S/N 3771 to 6963U13769-005.....**\$1,631.96**

S/N 6964 and up.....U15012-000.....**\$1,631.96**



Muffler Bail

Welded inside muffler outlet to guard against flame tube failure and obstruction of exhaust outlet. Field approval required.

Muffler Bail U452-093..... | **\$53.97** |



Tachometer Cables

**FAA-PMA
APPROVED**

PA-18, Non-Recording, 35"	TACH-35NR	\$161.70
PA-18, Non-Recording, 34"	U1713-N340	\$166.95
PA-18, Recording, 25"	U1713-R250	\$148.05
PA-18, Recording, 32.5"	U1713-R325	\$166.95
PA-18, Recording, 35"	U1713-R350	\$166.95
PA-18, Non-Recording, 25"	TACH-25NR	\$142.80
PA-18, Non-Recording, 28"	TACH-28NR	\$142.80
PA-18, Non-Recording, 33"	TACH-33NR	\$161.70
PA-18, Recording, 34"	TACH-34	\$161.70

Top Cowl

**FAA-PMA
APPROVED**

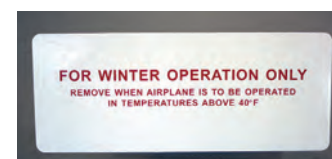
105hp	U12356-000	\$384.65
125hp, 135hp, 150hp.....	U12356-003	\$344.41



Winterization Plate

- Applicability: Piper PA-18, -18A
- FAA-PMA approved

U14793-000.....**\$122.37**



Lycoming Powered Nose Cows



Part #	Starter Hole 2.875"	Oil Cooler Scoop	Prop Hole		Engine HP	Approval
			8.75"	6.13"		
U13716-000 \$2,171.03	X	X	X		135 & 150	FAA-PMA
13716-000S \$1,894.03		X	X		135 & 150	Field
12355-500 \$2,030.14			X		135-180*	Field
U12355-004 \$1,562.10				X	105-125	FAA-PMA
U12355-000 \$2,030.14	X		X		105-125	FAA-PMA

* With baffle mounted oil cooler

Flexible Oil Pressure Hose

**FAA-PMA
APPROVED**

U71061-000.....**\$150.60**



PIPER PA-18 • PA-18A

Cowling

- Part numbers beginning with 'U' are FAA-PMA approved



Right Side Cowl.....	U10810-007	\$463.81
Left Side Cowl	U10810-008	\$463.81
Right Side Cowl, use with shielded ignition leads.....	U10810-015	\$650.49
Left Side Cowl, use with shielded ignition leads	U10810-016	\$650.49
Nose Cowl, Screw Type Fastener.....	U10802-000	\$1,862.41
Nose Cowl, Lion Type Fastener	U10802-005	\$1,480.27
Top Cowl	U10808-003	\$200.96
Bottom Cowl.....	U10809-010	\$456.91
Cowl Mounting Top Bracket, Left or Right	U10814-004	\$122.51
Top Mounting Bracket.....	10814-005	\$38.44
Left Mounting Bracket	10815-006	\$79.94
Right Mounting Bracket.....	10815-007	\$79.94
Bottom Cowl, installed with machine screws.....	U10809-008	\$400.69
Fuselage Cowl, 95hp, S/N 1 to 5933	U10789-002	\$1,764.37
Fuselage Cowl, 135-150hp, S/N 2168 to 8019.....	U12381-002	\$1,808.90
Fuselage Cowl, 150hp, 9" panel, S/N 8020 and up	U14849-000	\$1,673.38
Fuselage Cowl, 105-135hp, S/N 1 to 2167.....	U12381-000	\$1,798.94
Fuselage Cowl, 150hp, S/N 8020 and up	U14849-002	\$1,933.26
Left Side Cowl, 105hp	U12358-000	\$598.73
Right Side Cowl, 105hp.....	U12358-001	\$598.73
Left Side Cowl, 125-150hp.....	U13029-000	\$804.23
Right Side Cowl, 125-150hp.....	U13029-001	\$767.15

Baffle Kits

- The kits below exclude intercylinder baffles and tie rods

Kit for 105hp PA-18.....	PA-18-105BK	\$1,849.42
Kit for 125hp PA-18.....	PA-18-125BK	\$1,849.42
Kit for 135hp PA-18.....	PA-18-135BK	\$1,849.42

- The 150hp kit below includes intercylinder baffles, tie rods, hooks and retainer
- Please indicate the amp capacity of the generator when ordering

Kit for 150hp PA-18.....	PA18BAFFLE	\$2,997.34
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Air Filters



1) For 95hp, 105hp, 125hp (40599)	600314.....	\$104.75
2) Original Paper Type Filter (150hp, S/N 6964 and up)	U454-118.....	\$81.87
3) For 135hp, 150hp (also for seaplane).....	120086.....	\$96.91

Exhaust Systems

FAA-PMA
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PA-18 125, 135, 150hp Exhaust System

Muffler and Shroud Assembly.....	U14434-002	\$2,372.52
Muffler Clamp, S/N 1 to 3013 (2 required)	U70591-002	\$36.34
Muffler Clamp, S/N 3014 and up (2 required)	U14235-000	\$38.00
Muffler Assembly • FAA-PMA		
105 to 150hp, Less Shroud, Includes Bail.....	U12433-015	\$1,261.75
Muffler Shroud, 105-135hp (Original Piper).....	12436-000	\$334.77
Muffler Shroud, 150hp.....	U12436-010	\$555.31
Front Exhaust Shroud Assembly.....	U14239-000	\$286.02
Front Cylinders Stack Assembly.....	U12457-012	\$1,255.06
Rear Cylinders Stack Assembly	U12457-013	\$1,311.57
Muffler Shroud Clip (for 12436-000/-010)	U71261-005	\$51.41
Front Exhaust Stack Shroud Clip (for 14239-000).....	U71261-007	\$61.44

PA-18 95hp Exhaust System

Left Exhaust Stack and Muffler Assembly	U12232-000	\$2,725.07
Right Exhaust Stack Assembly	U12233-000	\$1,530.09
Muffler Shroud Assembly.....	U12226-000	\$679.63
Upper Right Exhaust Shroud	U10845-000	\$186.47
Lower Right Exhaust Shroud	U10846-000	\$266.34
Upper Left Exhaust Shroud.....	U10764-000	\$184.86
Lower Left Exhaust Shroud.....	U10843-000	\$279.03
Muffler Clamp (2 required)	U70591-002	\$36.34

Flexible Ducting Kit

- Applicability: Piper PA-18, S/N 3014 and up with Lycoming engines



PA-18 Ducting Kit.....	PA18DUCT	\$202.13
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Frame

Description	Part #	Price
Brake Unit Support Channel.....	10134-000	\$34.10
Throttle Bracket Assembly	10565-000	\$197.70
Baggage Compartment Support Angle, Rear.....	11408-012	\$28.27
Baggage Compartment Support Angle, Right	11408-013	\$17.09
Left	11408-014	\$31.38

Front Rear Seat Bottom Tube	12178-002	\$133.21
Fuel Shut-Off Valve Mounting Plate	12835-000	\$30.67
Air Vent Control Arm	13483-000	\$79.30
Rubber Moulding, 2 Feet.....	U19657-000	\$21.97
Aileron Pulley Plate, Left.....	20951-000	\$14.03
Aileron Pulley Plate, Right	20951-001	\$14.03
Torque Tube Bearing Cap.....	21811-003	\$201.47
Lower Stabilizer Screw Bearing.....	80022-020	\$13.24
Tail Tie Rod Attach Fitting	80292-015	\$19.44
Front Bottom Window Channel, Left.....	J10061-000	\$25.52
Elevator Cable Pulley Bracket.....	J12179-000	\$31.01
Fuel Shut-Off Valve Mounting Bracket	J14308-000	\$35.26
Lifting Handle	J20652-000	\$61.05
Stabilizer Adjust Crank Bracket, Left or Right.....	J21571-000	\$15.24
Lower Enclosure Door Hinge	U10300-002	\$15.22
Front Seat Installation Clamp.....	U10466-009	\$58.51
Cable Pulley Bracket.....	U11692-002	\$18.75
Wing Hinge Fitting, Rear Left.....	U11821-000	\$48.48
Rear Right.....	U11821-001	\$48.48
Landing Gear and Lift Strut Fitting, Left or Right.....	U12184-002	\$256.76
Wing Hinge Fitting, Front Left.....	U12767-000	\$169.04
Front Right	U12767-001	\$169.04
Flat Lever Fitting	U12777-000	\$54.41
False Spar, Left	U12784-005	\$369.05
Side Panel, Left	U12818-000	\$90.66
Right.....	U12818-001	\$90.66
Stringer Attach Clip.....	U20391-000	\$3.66
Tailwheel Spring 'U' Attach Fitting	U20631-000	\$45.87
Torque Tube Horn Stop, Left	U20841-000	\$85.40
Right.....	U20841-001	\$84.13
Pulley Housing Plate, Left	U20961-000	\$30.53
Right.....	U20961-001	\$13.44
Stabilizer Support Assembly	U21161-000	\$250.26
Landing Gear Front Fitting.....	U21272-002	\$186.48
Landing Gear Front Fitting.....	U21272-003	\$236.92
Tail Post Assembly.....	U22412-000	\$185.18
Front Rudder Pedal Fitting.....	U24121-002	\$8.65
Short Fairlead Segment, Sold In Halves	U40071-000	\$1.38
Fairlead Snap Ring	U40081-000	\$0.51
Long Fairlead Segment, Sold In Halves	U40701-000	\$1.37
Stabilizer Yoke Inspection Cover, Left	U60571-000	\$28.06
Right.....	U60571-001	\$28.06
Tail Inspection Plate, Left	U60742-000	\$40.35
Right.....	U60742-001	\$40.35
Aileron Pulley Cover	U60752-000	\$69.06
Front Seat Rear Attach Clamp	U81332-009	\$23.48
Engine Mount Bulkhead Bushing.....	U82341-002	\$32.02
Rectangular Inspection Cover.....	U82461-000	\$18.92
Adjustable Stop Screw	U85061-000	\$12.21

Piper Window Ventilator Kit

**FAA-PMA
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U752-287 **\$237.29**


Top Deck Sections

PA-18 Top Deck Superstructure
U752-979 **\$947.95**

PA-18 Top Deck Assembly
U752-978 **\$2,384.20**


Door Parts

Door Enclosure Moulding (priced per foot)	187-610	\$1.41
Door Assembly, Front Trim Strip	10049-002	\$44.14
Lower Door Hinge Half.....	U10300-002	\$15.22
Door Enclosure Upper Front Channel.....	U12205-002	\$27.88
Door Enclosure Lower Front Channel.....	U12205-003	\$41.28
Door Enclosure Lower Rear Channel.....	U12205-004	\$33.31
Door Enclosure Upper Rear Channel.....	U12205-005	\$35.48
Top Door Assembly (Window Frame).....	12256-010	\$469.52
Door Rear Stop Assembly.....	21752-002	\$74.38
Door Plunger Assembly.....	U50131-000	\$91.75
Door Handle	50173-012	\$16.74
Lower Door Weatherstrip		
S/N 1 to 3013, Brown	52841-000-4	\$29.80
Red	52841-019	\$16.50
Red and White.....	52841-022	\$9.34
S/N 7251 and up, Black.....	52841-026	\$18.00
Door Latch Kit	U52745-000	\$5.32
Door Hinge Pin.....	U86092-015	\$9.35

Window Channels and Trim

Rear Window Channel.....	U10058-000	\$133.15
Sliding Window Channel –		
Front and Rear Weatherstrip.....	U11432-009	\$42.77
Top Weatherstrip.....	U11432-010	\$57.59
Bottom Weatherstrip.....	U11432-011	\$55.31
Sliding Window Bottom Channel.....	U11546-002	\$85.21
Sliding Window Channel Weatherstrip Edge	U11648-002	\$96.13
Sliding Window Bottom Channel.....	U12203-000	\$63.12
Window Channel.....	U12205-006	\$25.25
Window Channel.....	U12206-000	\$36.05
Sliding Window Exterior Trim Strip.....	12259-000	\$75.27
Windshield Interior Trim Strip, Left	12261-000	\$33.34
Windshield Exterior Trim Strip, Left.....	12264-000	\$21.49
Right.....	12264-001	\$20.28
Top Deck Window Trim Strip.....	12265-000	\$31.21
Sliding Window Interior Trim Strip	U13091-000	\$72.96
Windshield Front Strip, 95hp only.....	U10793-000	\$142.52
Windshield Channel, Left	U12202-000	\$63.12
Windshield Front Strip	U12377-000	\$169.79
Windshield Rear Strip	U12378-000	\$163.58

Firewall Frame Bulkhead

**FAA-PMA
APPROVED**

- Front door post to firewall

U751-376 **\$1,509.32**



Extruded Metal Stringer Blanks

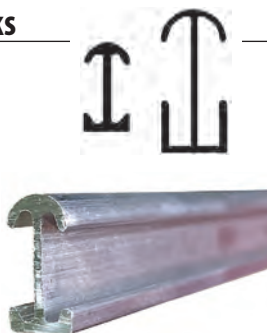
- Stringer blanks can only be shipped via motor freight

Bottom Stringer, 162 inches,
1 required per aircraft (14978-000)
1232-162 **\$71.82**

Top Stringer, 120 inches,
1 required per aircraft (14983-003)
1232-120 **\$58.54**

Side Stringer, 157 inches,
2 required per aircraft (14979-000) 1231-157 **\$35.91**

Top Side Stringer, 109 inches,
2 required per aircraft (14984-002) 1232-120 **\$58.54**



Steel 'U' Channels • 6 Foot Length

¼ x ¼ inch Channel (750-284) X141472 **\$8.26**

¾ x ¾ inch Channel, 24 gauge U750-285 **\$12.26**

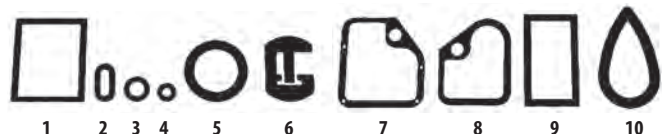
¾ x ¾ inch Channel, 20 gauge U750-285HD **\$13.00**

½ x ½ inch Channel X121272 **\$32.47**

¾ x ½ inch Channel X341272 **\$31.70**

¾ x ½ inch Channel X581272 **\$28.46**

Piper Grommets



1) Grommet, Tail U10292-000 **\$13.65**

Aluminum Grommet 10292-000A **\$13.71**

2) Grommet U10984-000 **\$19.64**

3) Grommet U85012-049 **\$5.36**

4) Grommet 80122-051 **\$4.37**

Grommet (Generic) 483-15 **\$1.01**

5) Grommet, Inspection Plate U85012-078 **\$9.44**

6) Grommet, Strut U15761-000 **\$9.15**

7) Grommet, Tail (used on PA-25 and later PA-18's) U64834-000 **\$37.21**

8) Grommet, Tail U10293-000 **\$11.25**

Aluminum Grommet 10293-000A **\$13.06**

9) Grommet U80541-002 **\$15.55**

10) Grommet, Pulley Cover U60671-000 **\$12.20**

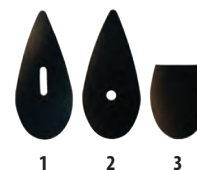
Reinforcement Patches

- Made of black vinyl
- #1 and 2 are approximately 4.5" high by 2" wide
- #3 is approximately 2½" high by 2" wide

1) U60863-003 **\$4.35**

2) U60863-005 **\$9.64**

3) U60863-009 **\$11.78**



Agricultural Equipment

Reducing Nipple 476-657 **\$1.53**

Cowl Support Clamp U80002-027 **\$24.55**

Connecting Hose 82371-029 **\$11.80**

Fuel System

Description	Part #	Price
Primer Line, 150hp	10143-018	\$70.78
Long Primer Line, 105hp, 125hp, 135hp	10143-020	\$37.79
Fuel Line	10143-052	\$22.23
Short Primer Line, 105hp, 125hp, 135hp	10143-061	\$33.48
Primer Outlet Line, 105hp, 125hp, 135hp, 150hp	10143-063	\$67.86
Primer Line, 150hp	10143-091	\$78.82
Primer Line, 150hp	10143-095	\$78.82
Front Baffle Hanger Support	10415-002	\$35.98
Fuel Line	10729-000	\$72.56
Fuel Line	10729-003	\$109.20
Header Tank Clamp, Left	11299-002	\$108.46
Right.....	11299-006	\$142.41
Fuel Line	11301-000	\$11.29
Fuel Line, S/N 1 to 3013	U11973-005	\$134.21
Primer Line, 105hp, 125hp, 135hp	11987-009	\$27.09
Fuel Line, S/N 1 to 3013	11987-013	\$120.83
Vent Line, S/N 1 to 3013	11987-017	\$64.93
Vent Line, S/N 469 and up	11987-023	\$41.20
Tube Hose to Strainer, Left Tank, S/N 469 and up	11987-025	\$28.71
Fuel Line	11987-037	\$85.34
Vent Line.....	11987-039	\$46.50
Primer Line, 150hp	11987-061	\$54.21
Rear Header Tank Clamp, Left	12836-002	\$96.10
Right.....	12836-003	\$124.84
Primer Line Support Bracket	12870-000	\$23.74
Fuel Line, PA-18A, S/N 3014 and up.....	14203-000	\$28.57
Vent Line, Right, S/N 3014 and up	14207-000	\$99.81
Fuel Line, Right, S/N 3014 and up.....	14208-000	\$112.70
Fuel Line, S/N 3014 and up.....	14209-004	\$140.06
Primer Line Attach Clamp	18307-000	\$37.93
Primer Inlet Line, 95hp.....	71242-008	\$48.94
Primer Outlet Line, 95hp.....	71242-009	\$57.54
Fuel Tank Filler Cap Flange.....	74181-000	\$52.05
Fuel Line Washer at Firewall	80122-067	\$8.01
Rubber Airspeed Hose.....	U83161-002	\$7.40

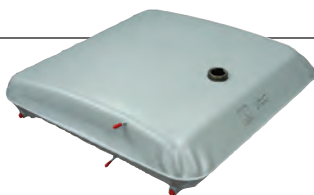
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Primer Line Insulator Sleeve	90797-002	\$2.40
Fuel Tank Strap.....	U10648-003	\$54.55
Fuel Tank Strap.....	U10649-003	\$91.41
Fuel Tank Strap.....	U10650-002	\$73.31
Fuel Tank Brace Cover.....	U11034-000	\$22.97
Fuel Line	U11300-000	\$203.50
Fuel Line	U11300-003	\$189.40
Header Tank Vent Line.....	U14204-000	\$113.95
Mounting Bracket For Primer Tees.....	U14470-000	\$10.13
Primer Jet.....	U31197-000	\$62.86
Engine Primer Pump.....	U451-100	\$440.18
Gascolator Mounting Bracket.....	U71991-000	\$89.87
Tank Outlet Strainer	U72091-000	\$72.72
Primer Pump Bushing.....	U80012-065	\$15.51
Primer Line Clamp	U80032-069	\$29.93
Fuel Tank Strap Stud.....	U80111-000	\$25.26
Fuel Tank Filler Neck Grommet.....	U80122-048	\$8.62
Flexible Fuel Line Hose.....	U82371-004	\$20.62
Flexible Fuel Hose, At Tank.....	U82371-006	\$31.28
Flexible Hose.....	U82371-007	\$21.21
Fuel Tank Hose	U82371-010	\$30.79
Fuel Tank Hose, Upper.....	U82371-031	\$31.96
Vacuum Hose	U82371-033	\$54.87
Fuel Line Hose.....	U82371-036	\$39.37

Fuel Tanks

Original Piper (Reconditioned)

Left Fuel Tank, PA-18, 95hp
10849-000REC**\$1,758.78**



New FAA-PMA

Left Fuel Tank	U10849-000	\$2,406.99
Right Fuel Tank	U10849-025	\$2,210.35
Left Fuel Tank, S/N 469 and up.....	U10849-032	\$2,165.58
Right Fuel Tank, For Use With Electric Fuel Gauge	U10849-043	\$2,210.35
Left Fuel Tank, For Use With Electric Fuel Gauge	U10849-034	\$2,210.35
Fuel Tank Cover, S/N 469 and up	U12570-009	\$365.03

Heavy-Duty Vented Header Tanks

**FAA-PMA
APPROVED**

- Heavy-duty
- Made of welded stainless steel
- Available only from Univair



Heavy-Duty Header Tank, Front	U60763-002	\$478.51
Heavy-Duty Header Tank, Rear, S/N 1 to 3013	U12837-000	\$514.17
Original Piper Header Tank, Rear, S/N 3014 and up.....	U14211-000	\$479.64

Because of various applications of some parts, we suggest that you have a PA-18 Parts Manual (18PM) to assist you in selection of the proper parts.

Fuel On/Off Indicator Plates


A

B

A) Used when fuel tank is installed in right wing panel:

Fuel On/Off Indicator Plate, Red	12838-002	\$64.06
Black.....	U12838-002BL	\$114.69

B) Used when fuel tank is installed in left wing only on PA-18, S/N 1 and up; PA-18A, S/N 1215 to 3013:

Fuel On/Off Indicator Plate, Red	12838-003	\$97.52
Black.....	12838-003BLK	\$131.69

Piper Gascolator

**FAA-PMA
APPROVED**

- Metal bowl with quick drain
- Applicability: Piper J-3, PA-11 through PA-25

Piper Gascolator



Replacement Parts

Gascolator Cover.....	U87477-002	\$128.97
Fuel Strainer E-Z Drain Bowl	U12764-000	\$143.56
Drain Valve.....	CCA-1550	\$22.84
Gasket, 2 1/2 inch diameter	U85012-032	\$4.40
Gascolator Nut	U72302-003	\$22.40
Fuel Strainer Screen	U750-272	\$3.03
Fuel Strainer Bowl Seat.....	U750-273	\$19.85
Gascolator Bail	U494-644	\$74.66

Fuel Line

**FAA-PMA
APPROVED**

- 14.5" length
- Gascolator to carburetor

U17766-065**\$237.64**



Fuel Valve

**FAA-PMA
APPROVED**

3-way valve for two tanks: right, left (not both), and off. This new fuel valve for PA-18 eliminates concerns of failure due to extreme cold. Handle sold separately.



Fuel Valve.....	U491-947K	\$507.75
Handle	U61964-200	\$87.93
Screw (for handle)	MS24693S48	\$0.12

PIPER PA-18 • PA-18A

Fuel Gauge

Fuel Gauge AssemblyU10804-000.....**\$239.51**

Replacement Parts

Fuel Gauge HousingU10837-000.....**\$130.71**
 Fuel Gauge ElbowU10834-000.....**\$117.72**
 Fuel Gauge BushingU10847-000.....**\$24.41**
 Fuel Gauge Glass Sight Tube.....U10852-000.....**\$24.37**
 Cork WasherU85012-051.....**\$5.82**
 Float Ball.....U10853-000.....**\$7.65**



Fuel Cap Cover and Kit

- Complies with Service Bulletin 979
- Kit includes installation hardware

Fuel Cap Cover.....U85327-002.....**\$226.16**
 Fuel Cap Cover Kit85327-500.....**\$498.81**



Gas Cap and Gasket

FAA-PMA
APPROVED

- Complies with AD 78-10-03

Gas Cap, Includes Gasket
 U60750-002**\$135.78**
 Gas Cap Gasket
 U60750-006**\$2.06**



Landing Gear • Chassis

Description	Part #	Price
Landing Gear Nuts and Bolts Kit	752-196	\$257.29
Washer.....	80122-030	\$16.21
Copper Brake Line	U10034-000	\$72.89
Axle Nut	U30491-000	\$80.99
Scott Spring	U3222	\$15.72
Scott Spacer, 1.25 Inch.....	U3243-2	\$79.30
Scott Spacer	U3258	\$3.02
Scott Spacer	U3258-1	\$2.84
Parking Brake Valve Assembly.....	U4500A-1	\$473.98
Parking Brake Valve Assembly.....	U4500A-2	\$478.49
Bushing.....	U80022-063	\$16.68
Washer.....	U80122-041	\$14.02
Entry Step Assembly	U81903-003	\$322.70
Vent Screw	UB-1258	\$17.02

New Original Landing Gear

FAA-PMA
APPROVED

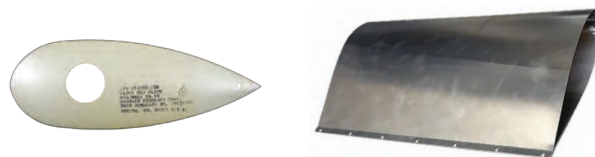
- Uncovered

LeftU10033-006..**\$1,039.24**
 Right.....U10033-005.....**\$921.60**



Aluminum Shock Cord Covers

FAA-PMA
APPROVED



Cover, 14" (used without hydrasorb)U10566-000.....**\$91.14**
 End Plate for 14" Cover.....U10567-000.....**\$101.91**
 Cover, 16¾" (used with hydrasorb).....U14094-000.....**\$167.41**
 End Plate for 16¾" Cover.....U14093-000.....**\$92.31**
 Sponge Cushion (Doughnut).....U19513-054.....**\$8.57**
 Rubber Upper Grommet (434-142).....MS35489-22.....**\$2.34**
 Rubber Lower Grommet (434-144).....MS35489-23.....**\$1.34**

Soft Shock Cord Covers

- Made of vinyl
- Fastens with Velcro and snaps for easy installation and removal
- Priced and sold in pairs



Black.....14094-SC-BLK.....**\$78.36**
 Red.....14094-SC-RED.....**\$78.01**

Shock Cords

- High quality Superior brand shock cords
- Manufactured from multiple rubber strands
- Priced and sold individually



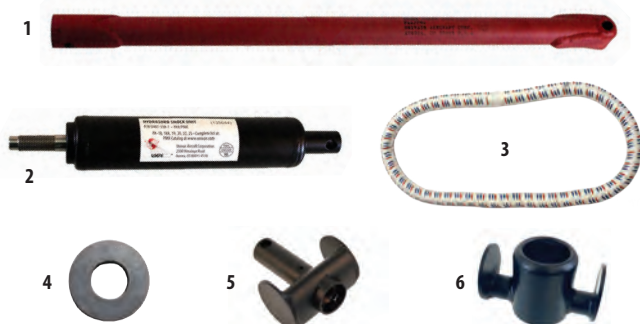
Standard.....U31322-005.....**\$42.90**
 Standard.....U31322-006.....**\$46.65**
 Heavy-Duty Cold Weather.....1280HD-CW.....**\$54.99**
 Heavy-Duty Cold Weather.....1080HD-CW.....**\$65.27**

Cabane Vees and Shock Struts



- 1) Cabane Vee Assemblies
 Applicable on S/N 1 to 3780U30602-006.....**\$447.03**
 Applicable on PA-18 S/N 3781 and up,
 and PA-18A, S/N 3786 to 5294.....U30602-007.....**\$605.85**
 Heavy-Duty, PA-18 serial numbers 3781, 3786-5294,
 PA-18A S/N 5295 and up.....U30602-007HD.....**\$352.64**
 Applicable on PA-18A only, S/N 5295 and up.....U30602-010.....**\$506.68**
- 2) Short Shock Strut, PA-18/18A.....U31392-000.....**\$599.10**
- 3) Long Shock Strut, PA-18/18A.....U10537-002.....**\$474.53**
- 4) Shock Strut Assembly, PA-18/18A.....U10536-002.....**\$1,297.07**

Hydrasorb Shock Assemblies

**FAA-PMA
APPROVED**


1) Continental 95hp, S/N 3014 and up	12844-003	\$165.78
Heavy-Duty	U12844-003HD	\$240.68
Lycoming 135-150hp, S/N 3014 and up	U12844-004	\$341.11
Lycoming 135-150hp, HD, S/N 3014 and up	U12844-004HD	\$212.30
2) Hydrasorb Unit	U487-558-1	\$506.29
3) Shock Cords (1280HD)	U31322-005	\$42.90
4) Rubber Bumper	U85012-057	\$5.97
5) Upper Shock Strut Fitting	U12845-000	\$287.87
6) Lower Shock Strut Fitting	U12875-000	\$246.97
7) Piper Shock Strut Assembly for PA-18A*	U14088-000	\$1,544.78
Piper Shock Strut Assembly for PA-18*	U14088-002	\$1,544.78

* Includes complete hydrasorb assembly with cover and end plates

Complete Assembly Available (not shown)

Shock Strut Assembly: PA-18/PA-18A S/N 1 to 3013, PA-18A S/N 1 to 2186, PA-18 95hp S/N 3014 and up	U12998-000	\$1,293.70
Shock Strut Assembly: 135-150hp S/N 3014 and up	U12998-003	\$1,334.60

Hydrasorb Assemblies:

• 2 each, 1080HD cords w/o long strut	U12998-A	\$1,247.50
• 2 each, 1280HD cords w/o long strut	U12998-B	\$1,265.83
• 1 each, 1280HD and 1380 cord w/o long strut**	12998-H	\$1,247.50
• 1 each, 1280HD-CW and 1380-CW cord without long strut**	12998-S	\$1,247.50

** FAA 337 approval is required with this arrangement

Bushwheel 3200 Tailwheel

The 3200 series is a lightweight 8 inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.

Pneumatic Tailwheel Assembly	ABI-3200	\$1,862.00
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Tailwheel Springs

**FAA-PMA
APPROVED**


Heavy-Duty 4-Leaf Set, PA-18/18A, S/N 1707 and up		
For Hard Rubber Tailwheel	PA18TWS4L	\$247.14
For Pneumatic Tailwheel	PA18TWS4L-1	\$249.53
Standard 3-Leaf Set		
For Hard Rubber Tailwheel	PA18TWSHR	\$225.51
For Pneumatic Scott/Maule Tailwheel	PA18TWSNEU	\$219.22

Individual Springs and Parts

Tailwheel Spring	10999-003	\$61.84
Tailwheel Spring	10999-005	\$73.85
Tailwheel Spring	12567-002	\$68.77
Tailwheel Spring	12567-003	\$87.52
Tailwheel Leaf Spring, Middle	U10999-003	\$77.78
Tailwheel Leaf Spring, Bottom	U10999-005	\$77.56
Tailwheel Spring, Bottom Leaf	U12567-002	\$94.10
Tailwheel Spring, Middle Leaf	U12567-003	\$93.41
Tailwheel Spring, Top Leaf	U12567-004	\$57.93
Tailwheel Spring Attach Clamp	U30531-000	\$33.17
Tailwheel Spring Clamp	U30531-002	\$107.10
Tailwheel Spring Top Pad	U30541-002	\$11.95
Tailwheel Attach Washer	U85012-048	\$9.75
Tailwheel Spring Connector Kit		
For Scott 3200 pneumatic tailwheel	U3239A-101	\$92.38

PA-18 Special Landing Gear

**FAA-PMA
APPROVED**

Because of landing gear modifications using different wheel and brake arrangements, and (in some cases) the need for heavier tubing, Univair offers special landing gears. All of the gears below have lower leg reinforcing gussets for extra strength. All 1½ inch gears have removable bearing stops to allow for ski installation. The gears with 1½ inch axles will require STC-SA17RM for approval. STC sold separately.

STC Paperwork	STC-SA17RM	\$181.13
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Goodrich Wheel and Brake

Left, 1¼ x .156" axle OD, Heavy-Duty	L10033-008HD	\$1,208.30
Right, 1¼ x .156" axle OD, Heavy-Duty	L10033-007HD	\$1,208.30
Left, 1¼ x .156" axle OD, Standard	L10033-008A	\$1,154.07
Right, 1¼ x .156" axle OD, Standard	L10033-007A	\$1,154.07

Cleveland 40-84

Left, 1½ x .156" axle OD, Standard	L1015-00	\$966.27
Right, 1½ x .156" axle OD, Standard	L1015-01	\$966.27
Left, 1½ x .156" axle OD, Heavy-Duty	L1015-30HD	\$1,164.93
Right, 1½ x .156" axle OD, Heavy-Duty	L1015-31HD	\$1,164.93

McCauley D-30291

Left, 1½ x .156" axle OD, Standard	L1015-20	\$830.65
Right, 1½ x .156" axle OD, Standard	L1015-21	\$830.65

- **Standard Gear Tubes:** Front 1½ x .058 inch; Rear 1¼ x .058 inch
- **Heavy-Duty Gear Tubes:** Front 1½ x .058 inch; Rear 1½ x .058 inch

Metal Piper Hub Caps

FAA-PMA
APPROVED

Steel

- For original 8.00 x 4 Goodrich wheels
- Stamped cap has raised lettering

Stamped with "CUB" U31702-000 **\$60.01**

Plain (Primed Only)..... U31702-002 **\$49.20**



Aluminum

- For 6.00 x 6 Cleveland conversion wheels
- Stamped cap has raised lettering

Stamped with "CUB" U1680-00 **\$41.24**

Plain (Bare Aluminum) U1680-02 **\$35.69**



Cub Mask

- Fits over the raised letters on stamped hub caps to make painting easier
- Set of 2

Cub Mask CUB-MASK **\$17.45**



Axle Nut for Landing Gear

- Use with 1½ inch axles
- Not for use with slotted axles

MS21025-24 **\$25.26**



Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.



McCauley Aluminum Fixed-Pitch Propellers

PA-18, Continental C-90.....	CM7146	\$5,679.19
PA-18, Continental C-90.....	CM7150	\$4,728.80
PA-18, -18A, Lycoming O-290, O-320	GM7452	\$6,373.27
PA-18S Seaplane, Lycoming O-290	GM8240	\$6,818.12
PA-18, -18S, -18A, -18AS, Lycoming O-290, O-320.....	GM8241	\$6,980.25
PA-18, -18S, -18A, -18AS, Lycoming O-320	GM8242	\$6,425.41
PA-18, -18S, -18A, -18AS, Lycoming O-320	GM8243	\$6,425.41
PA-18, -18S, -18A, -18AS, Lycoming O-320	GM8244	\$6,425.41

Sensenich Aluminum Propellers

PA-18A, -18S, Lycoming O-290	74DM6-0-48	\$5,372.50
PA-18, -18A, -18S, Lycoming O-290.....	74DM6-0-50	\$5,372.50
PA-18, -18A, -18S, Lycoming O-290, O-320	74DM6-0-52	\$5,372.50
PA-18, Lycoming O-320	74DM6-0-54	\$5,372.50
PA-18, Lycoming O-320	74DM6-0-56	\$5,372.50
PA-18, Lycoming O-320	74DM6-0-58	\$5,372.50
PA-18S, Continental C-90.....	76AK-2-40	CALL
PA-18A, Lycoming O-235	76AM6-2-44	\$5,800.50
PA-18, Lycoming O-235	76AM6-2-50	\$5,880.50
PA-18, Lycoming O-360	76EM8-0-52	\$5,400.50
PA-18, Lycoming O-360	76EM8-0-54	\$5,400.50
PA-18, Lycoming O-360	76EM8-0-57	\$5,400.50
PA-18, Lycoming O-235	76AM6-2-48	\$5,880.50

Sensenich Wood Propellers

PA-18, Continental C-90.....	W72GK52	\$3,550.00
PA-18, -18A, Lycoming O-290.....	W74FM47	\$4,155.00
PA-18, -18A, Lycoming O-290.....	W74FM49	\$4,155.00

Tail Section

Description	Part #	Price
Stabilizer Wire Clamp.....	80002-015	\$22.58
Stabilizer Yoke Inspection Grommet.....	U10292-000	\$13.65
Rear Stabilizer Inspection Grommet.....	U10293-000	\$11.25
Bungee Spring	U10940-002	\$69.00
Fin Leading Edge Fairing	U60602-000	\$132.17

Elevators

FAA-PMA
APPROVED

- Uncovered
- Includes bushings

125–150hp.....U12770-000..... **\$706.93**

95hpU40572-000..... **\$708.52**



Rudders

FAA-PMA
APPROVED

- Uncovered
- Includes bushings

With strobe bracket.....U15726-002..... **\$1,000.25**

Without strobe bracketU40622-007..... **\$964.16**



Toll Free Sales: 1-888-433-5433

Stabilizers

**FAA-PMA
APPROVED**

- Uncovered
- Includes bushings

105–150hp.....	U12769-000.....	\$869.07
95hp	U40643-000.....	\$833.55



Vertical Stabilizer

**FAA-PMA
APPROVED**

- Uncovered
- Includes bushings

Vertical Fin.....	U40592-000.....	\$594.01
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Tail Repair Section

**FAA-PMA
APPROVED**

For model PA-18 only. Our jig-welded 4130 steel repair assembly includes tail post, bottom rudder hinges, stabilizer rear brackets, tail spring and brace tube attach fittings, top and bottom longeron stub tubes, splice tubes, STC and instructions.



Tail Repair Section Kit	U12183-TSK	\$2,031.99
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Stainless Steel Tail Brace Wires

**FAA-PMA
APPROVED**

- Round type to comply with AD 60-01-07
- Stainless steel wires and clevis



Upper Wire Assembly	U10555-002	\$220.10
Lower Wire Assembly	U10556-002	\$220.10
Original Installation Kit*	10555-KIT	\$73.66

* Use first time round wires are installed



Top wire clevis Bottom wire clevis Square washer Brass nipple

Top Wire, Upper Clevis (40521-008)	U61341-003	\$35.12
Top Wire, Lower Clevis (40521-007)	U61341-002	\$46.52
Bottom Wire, Upper Clevis (40521-009)	U61341-004	\$50.67
Bottom Wire, Lower Clevis (40521-010)	U61340-000	\$46.52
Square Washer	U81102-002	\$6.42
Brass Nipple	U41051-000	\$32.04
Jam Nut	AN315-5	\$0.26
Clevis Bushing	U82732-072	\$6.80

Tail Surfaces

**FAA-PMA
APPROVED**

See Figure 1 on page 107

'U' prefixes on part numbers indicate an FAA-PMA approved part. All parts listed below are priced and sold individually unless otherwise noted.

Figure/Description	# Required	Part #	Price
1) Upper Tail Brace Wire	1	U10555-002*	\$220.10
2) Square Washer	2	U81102-002	\$6.42
3) Upper Tail Brace Wire	2	U41031-002	\$44.54
4) Top Wire Upper Clevis	1	U61341-003	\$35.12
5) Top Wire Lower Clevis	1	U61341-002	\$46.52
6) Brass Tie Rod Nipple	2	U41051-000	\$32.04
7) Self-Locking Nut	2	MS21083N3	\$0.22
8) Flat Washer	2	NAS1149F0332P	\$0.04
9) Airframe Bolt	1	AN4-15A	\$0.44
10) Upper Tail Brace Washer	2	U40131-000	\$9.60
11) Self-Locking Nut	1	MS21044N4	\$0.30
12) Airframe Bolt	2	AN3-15A	\$0.32
13) Spacer Bushing	4	U82732-072	\$6.80
13) Clevis Bushing**	4	U80012-006	\$18.82
14) Airframe Bolt	2	AN3-5A	\$0.16
15) Self-Locking Nut	2	MS21083N3	\$0.22
16) Lower Tail Brace Wire	1	U10556-002*	\$220.10
17) Square Washer	2	U81102-002	\$6.42
18) Lower Tail Brace Wire	2	U41031-003	\$39.18
19) Bottom Wire Upper Clevis	1	U61341-004	\$50.67
20) Bottom Wire Lower Clevis	1	U61340-000	\$46.52
21) Brass Tie Rod Nipple	2	U41051-000	\$32.04
22-23A) Elevator Assembly, Uncovered			
125–150hp	2	U12770-000	\$706.93
95hp	2	U40572-000	\$708.52
24) Wing Drain Grommet (5 per elevator, 105-135hp; 4 per elevator, 95hp)	2	U80122-053	\$4.30
25) Airframe Bolt	1	AN3-6A	\$0.16
26) Airframe Bolt	1	AN3-5A	\$0.16
27) Flat Washer	4	NAS1149F0332P	\$0.04
28) Self-Locking Nut	1	MS21083N3	\$0.22
29) Airframe Bolt	1	AN4-6A	\$0.22
30) Elevator Horn Attach Bushing	1	U80012-017	\$13.34
31) Flat Washer	1	NAS1149F0463P	\$0.06
32) Self-Locking Nut	1	MS21044N4	\$0.30
33) Self-Locking Nut	1	MS21044N3	\$0.51
34-35A) Horizontal Stabilizer Assembly, Uncovered			
105–150hp	2	U12769-000	\$869.07
95hp	2	U40643-000	\$833.55
36) Wing Drain Grommet	8	U80122-053	\$4.30
37) Airframe Bolt	2	AN3-13A	\$0.30
38) Flat Washer	4	NAS1149F0332P	\$0.04
39) Self-Locking Nut	4	MS21083N3	\$0.22
40) Airframe Bolt	2	AN3-12A	\$0.32
41) Stabilizer Rear Liner Tube, 8 Inch	1	U86062-079	\$102.53
43) Rudder Assembly, Uncovered			
Without Strobe Bracket	1	U40622-007	\$964.16
With Strobe Bracket	1	U15726-002	\$1,000.25
44) Wing Drain Grommet	2	U80122-053	\$4.30

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PIPER PA-18 • PA-18A

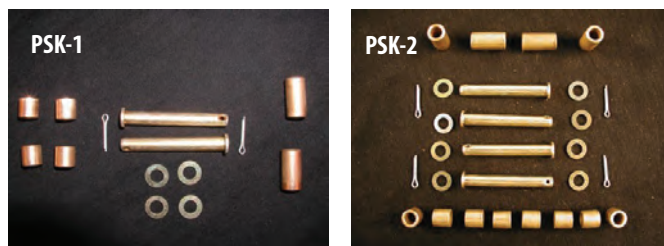
45) Tail Light Wire Assembly	1	12177-039.....	NLA
46) Clevis Pin	6	MS20392-3C55.....	\$1.14
47) Cotter Pin	6	AN380-2-2.....	\$0.04
48) Clevis Pin Washer	12	U80122-086.....	\$2.58
49) Long Bushing	6	U80022-044.....	\$1.33
50) Short Bushing	12	U80022-045.....	\$1.68
51) Rudder Arm	1	U1140A-000....	\$229.88

* 10555-KIT (attaching nuts, bolts and bushing) is used the first time round wires are used to replace the streamlined wires.

** Used on PA-18 airplanes with serial numbers 1 to 686 and 688 to 691.

Hardware Kits

Our hardware kits are a convenient way to order all hardware necessary for installing rudders and elevators on Piper models J-3 thru PA-22 aircraft.



Rudder Attach Hardware KitPSK-1..... **\$44.15**

PSK-1 Kit Includes:

Long Bushing	U80022-044	x 2
Short Bushing	U80022-045	x 4
Clevis Pin.....	MS20392-3C55	x 2
Washer.....	U80122-086	x 4
Cotter Pin	AN380-2-2	x 2

Elevator Attach Hardware Kit.....PSK-2..... **\$77.74**

PSK-2 Kit Includes:

Long Bushing	U80022-044	x 4
Short Bushing	U80022-045	x 8
Clevis Pin.....	MS20392-3C55	x 4
Washer.....	U80122-086	x 8
Cotter Pin	AN380-2-2	x 4

Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Windshield, 95hp.....	12248-000	\$358.63
Windshield, 105-150hp	12430-000	\$358.63
Skylight (PA-18A, S/N 1215 to 3013)	12249-000	\$185.63
Skylight (PA-18, S/N 3014 and up)	13433-000	\$185.63
Upper Door Window.....	12279-000	\$100.24
Rear Window, Left or Right	10545-000	\$56.43

Pilot Window, Left.....	12253-000	\$53.46
Front Sliding Window, Complete Assembly.....	U12254-000	\$524.59
Front Sliding Window, Glass Only.....	U12254-002	\$82.63
Rear Sliding Window, Complete Assembly	U12255-000	\$436.87
Rear Sliding Window, Glass Only	U12255-002	\$82.63
Top Rear Window, L-21	12250-003	\$207.16

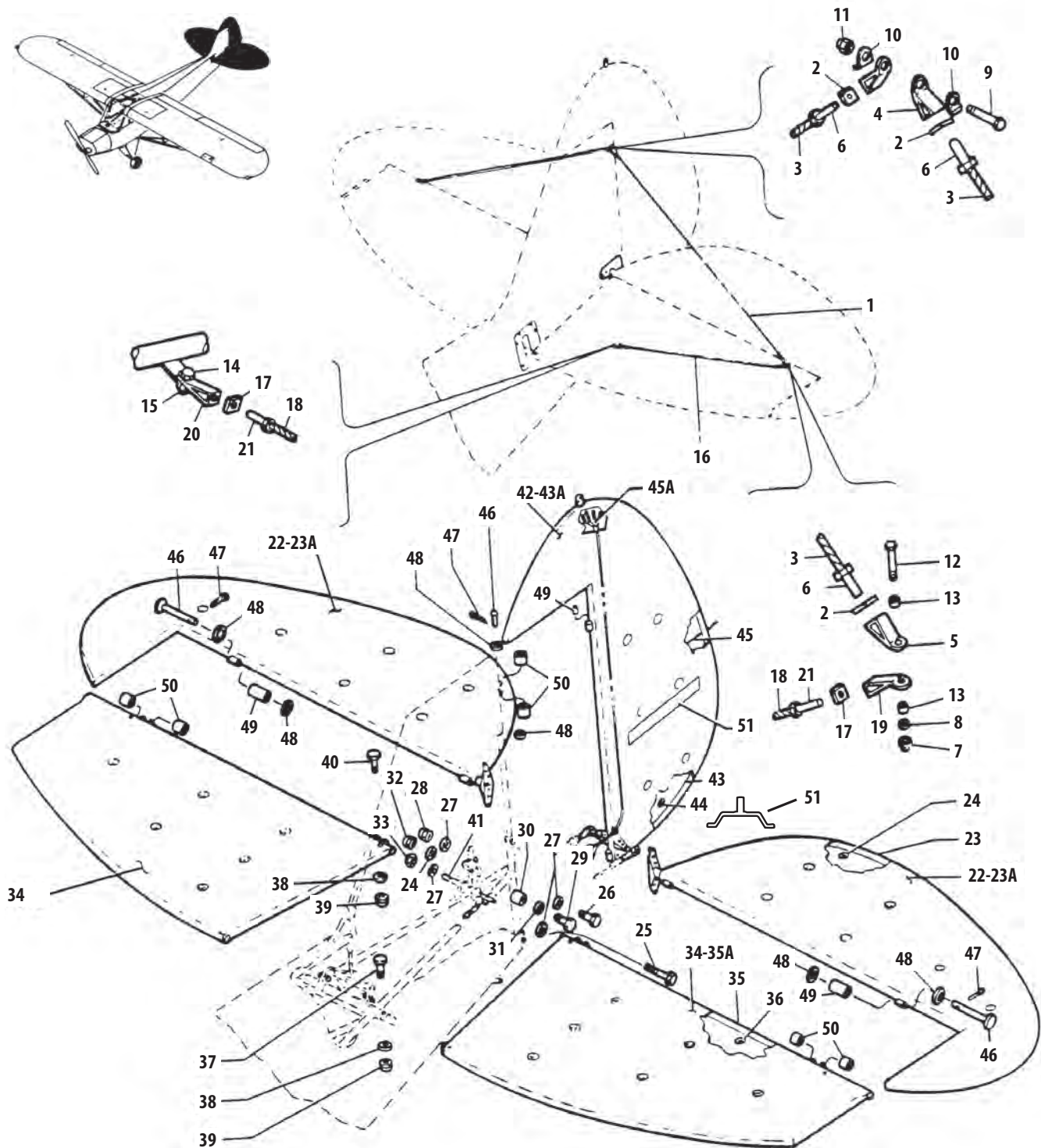
Wings

For Piper PA-18 ribs, see page 137.

Description	Part #	Price
Tank Cover Support Plate, Left	10633-000	\$81.71
Tank Cover Support Plate, Left or Right.....	10633-005	\$88.41
Reinforcing Plate.....	11473-047	\$13.73
Front Spar Angle Brace, Rear.....	12692-005	\$11.10
Rear Spar Angle Brace, Front.....	12692-006	\$11.55
Rear Spar Angle Brace, Rear	12692-007	\$12.18
Bellcrank Screw.....	12713-004	\$2.78
Front Spar Splice Kit	750-738	\$397.71
Rear Spar Splice Kit	750-739	\$187.33
Wing and Strut Bolt Kit	752-206	\$186.04
Inspection Kit for SB-1044	PSK-4	\$62.11
Reinforcement Angle	U10291-000	\$25.04
Front Spar Butt Hinge Fitting	U10401-000	\$48.13
Pulley Housing, Left	U10552-000	\$56.12
Right.....	U10552-001	\$105.71
Drag Brace Tube	U10641-000	\$125.16
Aileron Hinge Bracket	U10703-000	\$161.49
Flap and Aileron Hinge Bracket.....	U10703-003	\$139.87
Flap Outboard Hinge Bracket	U10703-004	\$145.05
Bearing Block.....	U10921-000	\$26.23
Bearing Block.....	U10921-002	\$33.50
Flap Bellcrank Bracket.....	U11672-000	\$69.69
Reinforcement Angle	U11675-002	\$20.31
Spar Bracket Angle.....	U11675-003	\$20.31
Inboard Flap Hinge	U11682-000	\$257.04
#2 Wing Channel Brace	U12252-008	\$16.05
Tie Down Fitting.....	U12345-004	\$66.96
Flap Fairing, Left	U12795-000	\$82.54
Right.....	U12795-001	\$82.54
Door Latch Bracket	U12847-000	\$37.34
Pitot Tube	U13764-000	\$207.11
Rear Spar Butt Hinge Fitting	U14161-000	\$38.05
Lift Strut Attach Fitting	U14182-000	\$37.21
Lift Strut Attach Fitting	U14192-000	\$54.47
Aileron Pulley Housing Attach Bracket.....	U14261-000	\$20.30
Filler Block	U14271-000	\$39.25
Aileron Hinge Reinforcement Angle, Left.....	U14291-000	\$22.42
Right.....	U14291-001	\$22.03
#2 Drag Strut Reinforcement Angle	U14401-003	\$24.87
#3 Drag Strut Reinforcement Angle	U14401-004	\$13.80
#5 Drag Strut Reinforcement Angle	U14401-005	\$25.79

Figure 1 • Tail Surfaces

Parts list begins on page 105.



PIPER PA-18 • PA-18A

#1 Drag Strut Reinforcement Angle	U14401-008	\$17.86
#2 Drag Strut Reinforcement Angle	U14411-002	\$14.33
#3 Drag Strut Reinforcement Angle	U14411-003	\$18.15
#5 Drag Strut Reinforcement Angle	U14411-004	\$13.38
Rear Wing Spar, Left.....	U14453-002	\$501.27
Right.....	U14453-003	\$787.76
Filler Block	U14461-000	\$49.96
False Spar Brace	U14541-000	\$60.58
Pulley Bracket Reinforcement Angle, Right.....	U14571-001	\$6.73
Aileron Stop, Metal Spar, Square.....	U14581-000	\$241.16
Aileron Inboard Pulley Bracket, Left	U14611-000	\$15.29
Right.....	U14611-001	\$18.08
Outboard Aileron Pulley Bracket, Left	U14621-000	\$43.89
Right.....	U14621-001	\$43.89
Leading Edge Reinforcement	U15742-000	\$47.98
Wing Trailing Edge	U15773-000	\$93.32
Front Spar Bow Wing Tip Fitting.....	U16551-000	\$22.38
Front Spar Bow Wing Tip Fitting.....	U16561-000	\$17.00
Rear Spar Bow Wing Tip Fitting.....	U16601-000	\$17.16
Rear Spar Bow Wing Tip Fitting.....	U16611-000	\$12.50
Rubber Moulding, 10 Foot Length	U19795-000	\$28.44
Aileron Control Horn	U40501-000	\$198.24
Pulley Housing.....	U41291-000	\$58.71
Outboard Flap Hinge.....	U41881-002	\$117.10
Aileron Center Hinge.....	U41891-000	\$85.57
Door Latch Kit (Stud, Catch, Screws)	U52745-000	\$5.32
Jury Strut Clamp	U80002-041	\$23.42

Leading Edges

Please refer to the 18PM parts catalog for correct application for leading edges.

Inboard Leading Edge Cover, Left, 95-135hp.....	10630-011	\$231.24
Leading Edge Cover, Left, S/N 1 to 468.....	U10630-000	\$219.44
Inboard Leading Edge Cover, 135-150hp, S/N 3771, 3781 and up		
Right.....	U10630-005	\$156.50
Left.....	U10630-008	\$155.45
Leading Edge Cover, Right, 95-135hp	U10630-009	\$140.85
Leading Edge Cover, Left, 95-135hp.....	U10631-000	\$185.51
Leading Edge Cover, Right, 95-135hp	U10631-001	\$182.13
Outboard Leading Edge Cover, 95-135hp.....	U13072-005	\$79.01
Outboard Leading Edge Cover, 135-150hp.....	U13072-006	\$103.37
Leading Edge Cover, Right, 95-125hp	U15472-001	\$225.75
Leading Edge Cover, Left, 95-135hp.....	U15482-000	\$192.59
Leading Edge Cover, Right, 95-135hp	U15482-001	\$191.63
Leading Edge Tip Cover, Left.....	U15723-000	\$300.27
Leading Edge Tip Cover, Right	U15723-001	\$300.27
Center Inboard Leading Edge Cover, 135-150hp		
Left.....	U14387-000	\$125.30
Right.....	U14387-001	\$127.94
Center Outboard Leading Edge Cover, 135-150hp		
Left.....	U14389-000	\$171.65
Right.....	U14389-001	\$162.53

Order online at www.univair.com

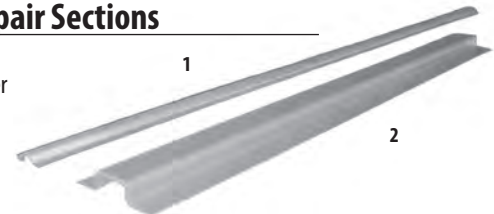
Aluminum Bearing Block Repair Kit **STC APPROVED**

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.

- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
 - Provide aircraft model, registration numbers, and serial number when ordering
- Piper Bearing Block Repair Kit..... STC-SA02128LA **\$389.58**

Piper Rib Repair Sections

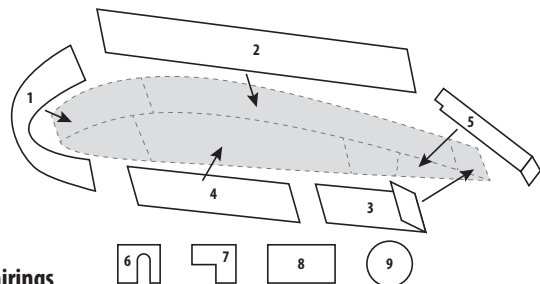
- Applicable to Piper truss type ribs



- 1) Diagonal Brace Repair Section (18 inch length).....U750-287 **\$15.22**
 2) Rib Cap Repair Splice Strip (12 inch length).....U16651-004..... **\$12.27**

Super Cub Wing Fairings and Inspection Plates

- Wing fairings are made from .020" 2024-T3 aluminum



Wing Fairings

- 1) Leading Edge Fairing
 Left.....U12276-000 **\$83.04**
 Right.....U12276-001 **\$83.04**
 2) Top Fairing U11523-000 | **\$84.75** || 3) Fairing Attach Plate | | |
| Left | U11719-000 | **\$126.06** |
| Right..... | U11719-001 | **\$117.53** |
| 4) Bottom Front Fairing | | |
| Left | U12274-000 | **\$71.75** |
| Right..... | U12274-002 | **\$71.75** |
| 5) Bottom Rear Fairing | | |
| Left | U12275-000 | **\$80.78** |
| Right..... | U12275-001 | **\$80.78** |

Inspection Plates

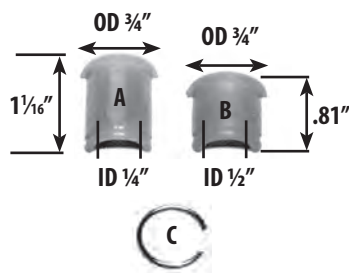
- 6) Stabilizer Yoke Inspection Cover
 Left.....U60571-000 **\$28.06**
 Right.....U60571-001 **\$28.06**
 7) Tail Inspection Plate
 Left.....U60742-000 **\$40.35**
 Right.....U60742-001 **\$40.35**
 8) Rectangular Inspection Cover U82461-000 | **\$18.92** || 9) Round Inspection Plate..... | U12761-002 | **\$49.20** |
| Round Inspection Plate..... | 483-10 | **\$2.25** |

Fairleads and Snap Ring

**FAA-PMA
APPROVED**

- Fairlead halves are priced and sold individually

A) Long Fairlead Segment U40701-000	\$1.37
B) Short Fairlead Segment U40071-000	\$1.38
C) Snap Ring U40081-000	\$0.51



Spars for PA-18

**FAA-PMA
APPROVED**

- Applicability: Piper PA-18, serial numbers 18-3771 and up

Front Spar

Left	U14391-002	\$787.76
Right	U14391-003	\$787.76

Rear Spar

Left	U14392-002	\$662.03
Right	U14392-003	\$662.03



Stainless Steel Lift Strut Forks

**FAA-PMA
APPROVED**


A) Original Size 7/16" Diameter Rolled Thread Fork, (Nut Not Included).....	U14481-003	\$124.16
B) Heavy-Duty 5/8" Diameter Heat Treated Fork For Sealed Struts Only (Nut Included).....	U89201-003	\$156.37

Lift Strut Hardware

Lift Strut Clevis Bolt	U13241-000	\$18.29
Shear Castle Nut.....	AN320-6	\$1.00
Cotter Pin (AN380-3-3)	MS24665-283	\$0.04

Jury Struts

**FAA-PMA
APPROVED**


A) Front Jury Strut with Pitot Tube, 95/125hp, Left.....	U12931-000	\$281.40
B) Front Jury Strut, 135/150hp, Left or Right.....	U12571-002	\$136.02
C) Rear Jury Strut, 135/150hp, Left or Right	U12571-003	\$136.02
D) Jury Strut Spacer Tube	U12591-002	\$90.25

Oiled and Sealed Lift Struts

**FAA-PMA
APPROVED**

End repetitive AD inspections of your struts and forks! These struts include the new heavy-duty, heat treated, 5/8 inch rolled thread fork and comply with AD 2015-08-04.



Front Strut.....	U89497-002	\$739.13
Rear Strut.....	U89498-002	\$739.13
Front Strut, Heavy-Duty*	U89497-102	\$893.71
Rear Strut, Heavy-Duty**	U89498-102	\$842.95
Clamp for Heavy-Duty Rear Strut (10656-102)	U89498-201	\$40.93

* Designed with stiffener channel welded in to help prevent wind and snow damage.

** Made with 4130 steel to help prevent strut failure due to wind and heavy snow loads. Includes a new heavy-duty jury strut clamp.

"NO STEP" Placard for Lift Struts

- Reflective silver with black letters
- Self-adhesive sticker



80944-002	\$3.50
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Ailerons and Flaps, Uncovered

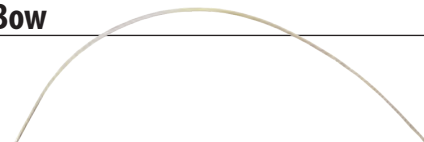
**FAA-PMA
APPROVED**


Aileron, Left	U42585-000	\$1,625.88
Right.....	U42585-001	\$1,625.88
Flap, Left	U12768-000	\$1,778.64
Right.....	U12768-001	\$1,778.64

Wooden Wingtip Bow

**FAA-PMA
APPROVED**

U453-126.....	\$48.44
---------------	---------



Jury Strut Clamp Assemblies

**FAA-PMA
APPROVED**

Front	U10654-002	\$64.39
Rear	U10656-000	\$37.94



Flap Control Bellcrank

**FAA-PMA
APPROVED**

Right.....	U40092-009	\$188.13
Left	U40092-010	\$198.90



PA-18 Wing Assemblies



- Uncovered
- Made with Univair stamped ribs
- Piper PA-18-150 wing assemblies are STC/PMA approved

PA-18, 150hp, S/N 3771, 3781 to 8919, Left U14394-000 **\$14,512.49**
 Right..... U14394-001 **\$14,038.47**

Wing Assembly, 105–150hp Models

See Figure 2 on page 111

'U' prefixes on part numbers indicate an FAA-PMA approved part.

Please refer to the Piper PA-18 Parts Manual (18PM) for correct applicability before ordering.

Fig	Description	Part #	Price
1	Flap False Spar, Left	U12784-000	\$196.98
	Flap False Spar, Left	U12784-005	\$369.05
	Flap False Spar, Right.....	U12784-003	\$384.75
	Flap False Spar, Right.....	U12783-000	\$134.82
	Flap False Spar, Inboard, Left	U14385-000	\$263.59
	Flap False Spar, Inboard, Right.....	U14385-001	\$282.29
2	Flap False Spar, Left	U11670-002	\$63.30
	Flap False Spar, Right.....	U11670-003	\$71.57
	Flap False Spar, Outboard, Left.....	U11670-004	\$49.06
	Flap False Spar, Outboard, Right	U11670-005	\$49.06
3	Aileron False Spar, Left.....	U15562-000	\$74.03
	Aileron False Spar, Right	U15562-001	\$74.03
	Aileron False Spar, Inboard, Left	U14382-000	\$106.28
	Aileron False Spar, Inboard, Right	U14382-001	\$83.11
4	Aileron False Spar, Left.....	U15572-000	\$69.28
	Aileron False Spar, Right	U15572-001	\$69.28
	Aileron False Spar, Outboard, Left	U15572-002	\$57.34
	Aileron False Spar, Outboard, Right	U15572-003	\$57.34
5	Channel Brace, 8½" Length.....	U12252-002	\$13.65
6	Channel Brace, 16" Length.....	U12252-003	\$17.71
7	Channel Brace, 6¼" Length.....	U12252-006	\$14.80
8	Drag Strut #1	U14232-002	\$165.76
9	Washer	80122-025	\$6.92
10	Insert Bushing	80022-031	\$13.09
11	Attachment Fitting	U10171-004	\$7.65
12	Fitting Assembly.....	10705-00	N/A
13	Square Washer.....	U81102-003	\$4.81
14	Drag Wire Fitting.....	U10171-004	\$7.65
15	Tie Rod Clevis.....	U10221-000	\$18.61
16	Tie Rod Nipple	U10201-000	\$12.32
17	Fitting Assembly.....	10711-00	N/A
18	Square Washer.....	U81102-003	\$4.81
19	Drag Wire Fitting.....	U10161-004	\$16.42
20	Tie Rod Clevis.....	U10221-000	\$18.61
21	Tie Rod Nipple	U10201-000	\$12.32
22	Drag Strut #2 and #3 Assembly	U14222-002	\$176.69
23	Fitting Assembly.....	10706-00	N/A
24	Square Washer.....	U81102-003	\$4.81
25	Drag Wire Fitting.....	U10161-005	\$16.42

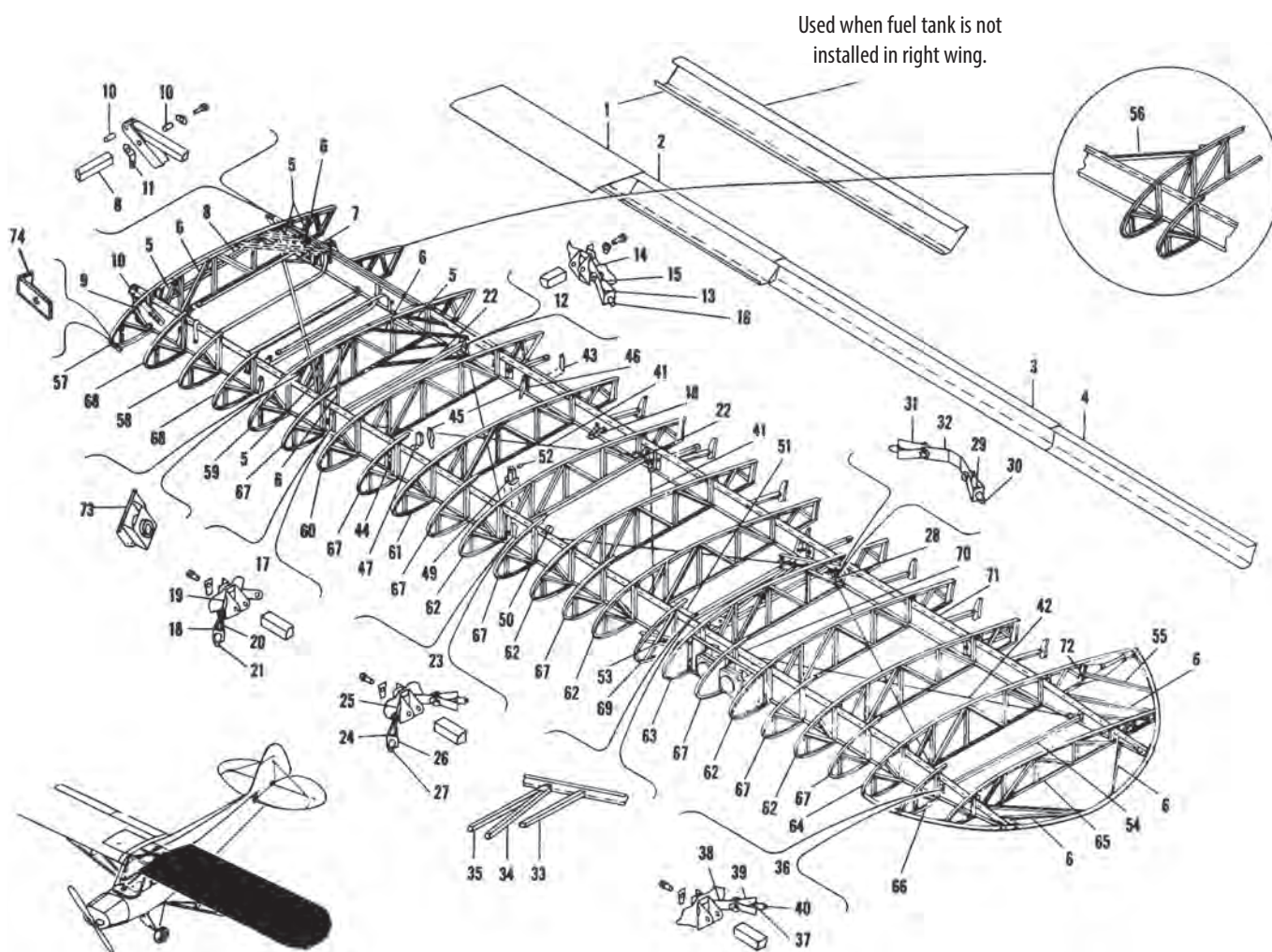
26	Tie Rod Clevis.....	U10221-000	\$18.61
27	Tie Rod Nipple	U10201-000	\$12.32
28	Drag Wire Pull Fitting Assembly, 'N' Brace.....	10707-00	N/A
29	Square Washer.....	U81102-003	\$4.81
30	Tie Rod Nipple	U10201-000	\$12.32
31	Tie Rod Clevis.....	U10221-000	\$18.61
32	Drag Wire Fitting.....	U10161-005	\$16.42
33	Upper 'N' Brace Tube	U16462-000	\$138.07
34	Drag Strut 'N' Brace Tube.....	U10112-007	\$97.98
35	Lower 'N' Brace Tube	U16472-000	\$138.55
36	#5 Drag Strut Fitting Assembly.....	10709-00	N/A
37	Square Washer.....	U81102-003	\$4.81
38	Drag Wire Fitting.....	U10171-003	\$7.65
39	Tie Rod Clevis.....	U10221-000	\$18.61
40	Tie Rod Nipple	U10201-000	\$12.32
41	#1, 2 and 3 Bay Drag Wire, 44⅞" Length.....	U14941-006	\$31.78
42	#4 Drag Wire, 56¼" Length.....	U14941-007	\$37.38
43	Rear Spar Angle	U14361-002	\$16.70
44	Front Spar Angle.....	U14361-003	\$32.36
45	Jury Strut Fitting	U12581-000	\$22.29
46	Rear Spar Filler Block	U14371-002	\$36.76
47	Front Spar Filler Block.....	U14371-003	\$36.71
48	Airspeed Bracket.....	U11580-000	\$19.31
49	Pulley Bracket Assembly.....	U10644-000	\$99.10
50	Navigation Light Wire Clip	U11061-000	\$8.12
51	Fabric Former, 'N' Brace Assembly, Left	U10531-000	\$70.10
	Fabric Former, 'N' Brace Assembly, Right.....	U10531-001	\$95.43
	Fabric Former, 'N' Brace Assembly, Left	U10531-004	\$55.55
	Fabric Former, 'N' Brace Assembly, Right.....	U10531-005	\$32.13
52	Pulley Insert Bushing.....	U80012-003	\$6.25
53	Lock Plate	U10151-000	\$3.24
54	#5 Drag Strut Assembly	U14222-000	\$183.54
55	Channel Brace, 11" Length.....	U12252-005	\$13.65
56	Channel Brace, 17" Length.....	U12252-004	\$13.65
57	#1 Butt Rib Assembly, Left.....	U1215-01	\$311.13
	#1 Butt Rib Assembly, Right	U1215-02	\$251.59
	#1 Butt Rib Assembly, Right	U1215-10	\$109.59
58	#2 Rib Assembly, Left	U1214-00	\$189.66
	#2 Rib Assembly, Right.....	U1212-00	\$197.73
	#2 Rib Assembly, Right.....	U1214-00	\$189.66
59	#3 Rib Assembly, Left	U1213-01	\$175.83
	#3 Rib Assembly, Right.....	U1213-02	\$175.83
	#3 Rib Assembly, Right.....	U1213-00	\$180.42
60	#4 Rib Assembly	U1212-00	\$197.73
61	#5 Rib Assembly, Left	U1210-01	\$183.03
	#5 Rib Assembly, Right.....	U1210-00	\$181.18
	#6 Rib Assembly, Right.....	U1211-01	\$208.56
	#6 Rib Assembly, Left	U1211-00	\$153.72
62	#6, 7, 8, 10 and 11 Rib Assembly.....	U1207-00	\$176.79
	#7 Rib Assembly, Left	U1210-01	\$183.03
	#7 Rib Assembly, Right.....	U1210-00	\$181.18
	#8 Rib Assembly	U1209-00	\$207.53
	#9 Rib Assembly	U1207-00	\$176.79
	#11 Rib Assembly	U1208-00	\$221.92
63	#9 Rib Assembly	U1208-00	\$221.92
	#10, 13 and 14 Rib Assembly.....	U1207-00	\$176.79
64	#12 Rib Assembly, Left.....	U1206-00	\$227.24

#12 Rib Assembly, Right.....	U1206-01	\$209.97	70 Front Spar Assembly, Left	14383-004	\$462.64
#15 Rib Assembly, Outboard Aileron, Left.....	U1206-00	\$227.24	Front Spar Assembly, Right.....	U14383-005	\$689.90
#15 Rib Assembly, Outboard Aileron, Right.....	U1206-01	\$209.97	Front Spar Assembly, Left	U14391-002	\$787.76
65 #13 Tip Rib Assembly, Left.....	U1202-00	\$198.45	Front Spar Assembly, Right.....	U14391-003	\$787.76
#13 Tip Rib Assembly, Right.....	U1202-01	\$187.68	71 Rear Spar Assembly, Left	U14453-004	\$563.92
#16 Tip Rib Assembly, Left.....	U1202-00	\$198.45	Rear Spar Assembly, Right.....	U14453-005	\$662.03
#16 Tip Rib Assembly, Right.....	U1202-01	\$187.68	Rear Spar Assembly, Left	U14392-002	\$662.03
66 Nose Rib, Left.....	U1216-00	\$33.59	Rear Spar Assembly, Right.....	U14392-003	\$662.03
Nose Rib, Right	U1216-01	\$50.06	72 False Spar Gusset.....	U13171-000	\$39.35
67 Nose Rib.....	U1200-02	\$31.20	73 'U' Fairlead Retainer Plate.....	U11151-002	\$9.77
68 #1 and #2 Nose Rib, Special, Left.....	U1200-08	\$34.14	74 Leading Edge Attach Plate.....	U12331-002	\$5.86
69 Nose Rib Assembly	U1200-05	\$43.89			
Nose Rib Assembly	U1200-05	\$43.89			

Figure 2 • Wing Assembly

Parts list begins on page 110.

The ribs illustrated are the original "truss type" Piper ribs. The ribs in our listing are our STC approved formed aluminum ribs. Original Piper ribs are cross referenced. See pages 135 to 141 for additional details.



PIPER PA-20 • PA-22

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Please refer to the correct aircraft parts manual (20PM or 22PM) for exact model and serial number applicability of parts listed in this section.

Brakes

Description	Part #	Price
Goodrich Brake Block	B27-59-1	\$76.67
Goodrich Retracting Spring	B21-35	\$11.18
Goodrich Expander Tube Shield.....	A72-30	\$31.02
Scott Brake Pedal Bushing	1494	\$4.00
Top of Cylinder Cap.....	12604-000	\$88.84
Top of Cylinder Screw	12606-000	\$14.03
O-Ring.....	484-702	\$1.12
Parking Brake Placard	81090-002	\$2.50
Round Clamp	U10466-008	\$27.46
Brake Line on Gear Vee, Left and Right	U13104-000	\$77.75
Brake Control Cable, 63.0", Galvanized	U14300-005	\$118.04
Brake Control Cable, 23¾", Galvanized	U40123-091	\$83.14
Parking Brake Valve Assembly.....	U4500A-1	\$473.98
Flex Brake Line.....	U71061-004	\$186.98
Master Cylinder Diaphragm	U750-384	\$46.01

Brake Master Cylinder for PA-22

For more details on this rugged, trouble-free master cylinder, see the listing on page 299. Individual replacement parts also available. Contact Univair for details.

Left	U1248A	\$1,422.79
Right.....	U1260A	\$1,422.79



Grove 800 x 4 Disk Brake Conversion **STC APPROVED**

- For Goodrich wheels and brakes only
- Bigger caliper for Piper PA-20
- Maintain your classic look
- Use your existing wheels, tires, tubes, master cylinder and brake lines
- Easy installation – all parts and special tools included



Conversion Kit	76002	\$999.00
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Cleveland Disc Brake Conversion Kit

- Applicability: PA-22 Tri-Pacer

These wheels and single puck disc brakes are the same as used on the PA-22-108 Colt. It is a straight bolt-on replacement for the original Cleveland/Van Sickle drum and shoe type brakes. No modification to axle. No axle spacers.



STC-SA91AL will be supplied at no charge when the kit is purchased. The STC may also be purchased separately. Aircraft serial number is required for STC issuance.

Cleveland PA-22 Brake Kit.....	199-27600	\$8,635.91
STC	STC-SA91AL	\$93.78

Cockpit • Interior

Description	Part #	Price
Rear Door Floor Trim Plate.....	12019-000	\$16.72
Rudder Cable Guard	12021-000	\$36.77
Rear Floorboard	12555-002	\$92.59
Shock Cord Boot Assembly, Front Half.....	12729-026	\$22.00
Shock Cord Boot Assembly, Rear Half.....	12729-028	\$27.87
Recording Tachometer Attach Plate	12828-000	\$27.76
Venturi Mount Plate.....	12876-000	\$72.16
Airspeed Tube.....	13541-004	\$14.22
Airspeed Tube.....	13541-012	\$62.67
Rudder Cable Guard	13847-000	\$75.25

Rudder Cable Guard	13868-000	\$28.21
Door Handle Installation Bushing	13882-000	\$170.89
Rubber Door Seal Moulding	13945-019	\$64.61
Defroster Air Inlet Bottom Tube	14148-000	\$329.30
Defroster Air Outlet Top Tube	14149-000	\$79.02
Air Regulating Valve	14205-000	\$106.96
Door Latch Assembly	14636-000	\$419.00
Door Latch Plate	14644-000	\$33.23
Front Windshield Collar	14669-000	\$144.59
Front Post Trim Strip	14684-000	\$97.71
Safety Belt Extension Plate Bushing	14843-044	\$32.38
Front Seat Stop Control Knob, Black	18875-005	\$11.58
Recording Tachometer	450-643	\$343.62
Small Door Knob, Ivory	471-051	\$2.19
Control Knob, Ivory	471-052	\$5.39
Front Seat Stop Control Knob, Black	471-063	\$6.68
Front Seat Back Spring	487-274	\$71.14
Suction Regulating Valve	492-024	\$24.95
Engine Tube Clamp	80032-053	\$17.78
Door Handle Pin	81761-011	\$10.58
Control Knob, Black	U10911-000	\$13.06
Weatherstrip Channel, 29.75" Length	U11432-005	\$63.02
Weatherstrip Channel, 30.50" Length	U11432-006	\$70.33
Weatherstrip Channel, 15.75" Length	U11432-007	\$60.92
Weatherstrip Channel 28.375" Length	U11432-013	\$53.78
Threaded Bushing	U11789-000	\$18.50
Rear Center Floorboard	U11909-003	\$127.15
Front Floorboard	U13063-004	\$254.68
Front Center Floorboard	U13456-002	\$237.94
Hinged Window Latch	U13840-002	\$127.33
Ventilator Screw	U13903-000	\$6.59
Ventilator Gasket	U13914-000	\$9.58
Vent Door Plate	U14240-002	\$47.53
Vent Door Gasket	U14240-003	\$11.68
Vent Door Plate	U14246-000	\$35.83
Vent Door Gasket	U14246-002	\$6.67
Baggage Compartment Rear Floorboard	U15209-000	\$206.43
Oil Pressure Flex Hose	U15216-000	\$320.69
Window Ventilator Kit	U752-287	\$237.29
Door Handle Spacer Washer	U81342-020	\$3.48

PA-22 Instrument Panel Modification

• For full description, see listing on page 145 in the Piper STC section

STC SA00428SE upgrades the panel to use modern 3 1/8" instruments. The modification has provisions for (7) 3 1/8" instruments and (1) 2 1/4" Instrument. Form 337 required after installation. The installation of new 3 1/8" instruments is not a part of this STC and will require a separate Form 337.



Kit for PA-22-150/160	92WD005100-1	\$385.21
Kit For PA-22-108 Colt	92WD005100-501	\$326.13

Control System

Description	Part #	Price
Flap Control Ratchet	13183-000	\$90.00
Lower Rear Sprocket, 15 Teeth	13439-003	\$129.82
Upper Left Sprocket, 12 Teeth	13440-000	\$92.14
Pulley Shaft Bearing	452-340	\$20.00
Control Column Bearing	452-342	\$10.00
Rudder Cable Pulley Insert Bushing	61402-027	\$15.62
Pulley Bushing	80022-067	\$11.17
Yoke Attach Link	81322-003	\$14.97
Trim Crank Pulley Attach Washer	U85012-018	\$9.98
Aluminum Bearing Block Repair Kit	STC-SA02128LA	\$389.58
Upper Elevator Horn Link	U10449-000	\$35.90
Aileron Hinge Bracket	U10703-000	\$161.49
Aileron Hinge Bracket	U10703-002	\$149.66
Flap Return Spring	U10940-000	\$35.25
Bungee Spring	U10940-002	\$69.00
Flap Control Rod	U11677-000	\$68.01
Flap Bellcrank Stop Plate	U11678-000	\$22.99
Inboard Flap Hinge	U11682-000	\$257.04
Flap Handle Pawl	U11700-000	\$27.48
Stabilizer Indicator Plate	U12102-000	\$170.79
Stabilizer Adjust Crankshaft Pin	U12105-000	\$47.26
Elevator Control Rod	U12508-000	\$542.64
Stabilizer Adjust Pulley Bracket	U12772-000	\$29.75
Flap Control Lever	U13184-000	\$351.05
Flap Control Lever	U13185-000	\$471.17
Flap Control Plunger	U13203-000	\$180.66
Stabilizer Adjust Link	U14179-000	\$314.87
Flap Return Spring	U14384-000	\$28.71
Aileron Horn Stop Assembly	U14581-005	\$168.90
Flap Bellcrank, Right	U40092-009	\$188.13
Left	U40092-010	\$198.90
Stabilizer Idler Yoke	U40651-000	\$45.11
Elevator Control Rubbing Block	U40721-002	\$20.26
Stabilizer Crank Escutcheon	U41101-000	\$37.34
Stabilizer Adjust Crank	U41111-000	\$133.15
Stabilizer Indicator	U41121-003	\$40.92
Escutcheon Spring	U41151-000	\$10.12
Lower Elevator Horn Link	U41271-004	\$16.61
Stabilizer Screw Pulley Key	U41631-000	\$19.06
Outboard Aileron Hinge	U41881-000	\$86.84
Outboard Flap Hinge	U41881-002	\$117.10
Aileron Control Cable Turnbuckle	U42722-000	\$150.20
Rudder Pedal Return Spring	U42891-000	\$7.91
Cable Fairlead	U42911-000	\$13.96
Flap Lever Spring	U50111-000	\$4.02
Tension Spring Clamp	U80002-025	\$26.05
Elevator Horn Bushing	U80012-017	\$13.34
Stabilizer Screw Pulley Washer	U81342-005	\$9.77
Stabilizer Adjust Tension Spring	U81411-002	\$42.46
Rudder Pedal Washer	U85012-006	\$3.50

Shop Online 24/7: www.univair.com

Toll Free Sales: 1-888-433-5433

PIPER PA-20 • PA-22

Liner Tubes

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Stabilizer Liner Tube, 16 inch (80132-011)	
U86062-080	\$136.05
Stabilizer Rear Liner Tube, 8 inch (80132-010)	
U86062-079	\$102.53



Stabilizer Yoke and Adjust Screw

FAA-PMA
APPROVED



Stabilizer Adjust Yoke	U42692-000	\$303.46
Stabilizer Adjust Screw	U42961-102	\$122.12

Piper Pulleys

FAA-PMA
APPROVED



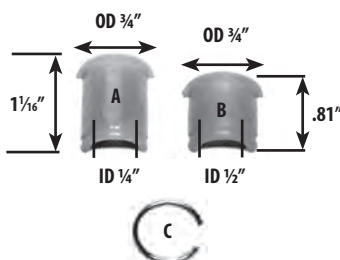
Description	O.D.	I.D.	Part #	Price
1) Fiber Pulley	2¾ inch	¾ inch	U40991-000	\$19.23
2) Fiber Pulley	2¾ inch	5/16 inch	U41001-008	\$66.74
3) Aluminum Pulley	2¾ inch	¾ inch	U12983-000	\$72.64
4) Aluminum Pulley	2¾ inch	¾ inch	U10080-000	\$167.41
5) Fiber Pulley	1¾ inch	¼ inch	U80421-000	\$12.99
6) Fiber Pulley	1½ inch	¼ inch	U481-609	\$12.50
7) Fiber Pulley	1 inch	¼ inch	U11200-000	\$17.47
8) Fiber Pulley	1 inch	¼ inch	U43001-000	\$19.09

Fairleads and Snap Ring

FAA-PMA
APPROVED

- Fairlead halves are priced and sold individually

A) Long Fairlead Segment	
U40701-000	\$1.37
B) Short Fairlead Segment	
U40071-000	\$1.38
C) Snap Ring	
U40081-000	\$0.51



Control Cables

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APPROVED

Description	Part #	Price
Aileron Control, 65½", Galvanized	U11527-002	\$165.72
Stainless	U11527-004	\$144.12
Rudder Cable, 181½", Galvanized	U11641-004	\$149.03
Rudder Cable, 183.0", Galvanized	U11641-007	\$190.00
Aileron Cable, Long 243.0", Short 68.0", Galvanized	U12514-000	\$571.08
Stainless	U12514-003	\$431.15
Upper Flap Cable, PA-22 1953-54 and PA-22, S/N 807 and up		
Galvanized	U12515-003	\$212.62
Stainless	U12515-004	\$231.61
Aileron and Rudder Control Cable, 222", Galvanized ..	U13108-000	\$552.38
Aileron/Rudder Interconnecting Cable, 264.0", PA-22, S/N 807 to 7642		
Galvanized	U13108-002	\$494.25
Stainless	U13108-011	\$594.34
Rudder Cable, 181.5", Galvanized	U13109-000	\$325.87
Rudder Cable, Right, 181.5", Galvanized	U13109-002	\$375.97
Rudder Cable, Left, 181.5", Galvanized	U13109-003	\$325.97
Right Rudder Cable, PA-22, S/N 3218, 3398 to 7642, 183.0"		
Galvanized	U13109-010	\$195.64
Stainless	U13109-018	\$207.69
Left Rudder Cable, PA-22, S/N 3218, 3398 to 7642, 183.0"		
Galvanized	U13109-012	\$190.07
Stainless	U13109-019	\$257.29
Push Pull Cable, Less Knob, 65.0", Stainless	U16775-000	\$81.75
Elevator Bungee Upper Cable, 22¾", Galvanized	U40123-061	\$70.97
Stainless	U40123-073	\$60.61
Elevator to Upper Horn, 144¼", Galvanized	U40123-067	\$150.97
Stainless	U40123-067S	\$168.81
Elevator to Lower Horn, 143¾", Galvanized	U40123-068	\$165.22
Stainless	U40123-068S	\$168.81
Aileron Balance, in Top Deck, 74.0", Galvanized	U40123-069	\$170.88
Stainless	U40123-069S	\$150.82
Elevator Bungee Lower Cable, 20½", Galvanized	U40123-070	\$56.81
Stainless	U40123-070S	\$68.13
Lower Flap Control Cable, 77½", Galvanized	U40123-080	\$159.41
Stainless	U40123-080S	\$154.67
Lower Bungee Cable, 20½", Stainless	U40123-081	\$60.61
Brake Control Cable, 23¾", Galvanized	U40123-091	\$83.14
Lower Flap Control Cable, 84¼", Galvanized	U40123-093	\$162.25
Stabilizer Adjust Cable, 260¼", Galvanized	U41671-011	\$349.92
Stainless	U41671-014	\$325.46
Stabilizer Adjustment Cable, 297.0", Galvanized	U41671-016	\$360.27
Stainless	U41671-018	\$312.39
Lower Flap Control Cable, 84¼", Stainless	U40123-093S	\$163.52
Throttle Control Cable, Less Knob	U455-139-000	\$444.66
Throttle Control Cable, With Knob	U455-139-004	\$524.51

Knobs

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Black Throttle Knob	U10911-000	\$13.06
Ivory Door Knob	471-051	\$2.19
Red Control Knob	108-6221502-20	\$7.33
Black Control Knob	U471-059	\$4.34
Black Control Knob	471-060	\$3.70
Front Seat Control Knob	471-063	\$6.68

We Accept:



Electrical System

Description	Part #	Price
Fuse Block/Switch Box Insulator	10443-000	\$24.15
Battery Ground Cable Assembly	11122-002	\$31.58
Battery Box Lid	12045-000	\$158.61
Outboard Ground Light Wire	12177-033	\$14.56
Fuse Block to Safe Flight Indicator Wire	12177-040	\$14.18
Circuit Protector to Ammeter Wire	12177-048	\$14.56
Wing Root to Switch Wire Harness	12298-005	\$108.02
Wing Root to Switch Wire Harness	12298-018	\$210.29
Landing Light Mounting Plate	12527-000	\$131.09
Landing Light Lens Strip, Top and Bottom	12533-004	\$10.57
Navigation Light Switch Knob	12643-000	\$31.01
Dome Light Lens	12715-000	\$181.60
Starter and Master Switch Box	12984-000	\$37.93
Double Master Switch Fuse Block	13051-000	\$78.44
Battery Box Lid	14065-000	\$296.51
Battery Air Intake Tube	14066-000	\$88.22
Battery Terminal Bolt	14069-000	\$45.74
Jumper Wire	14230-024	\$6.72
Wire Shielding, Sold by the Foot	153-320	\$1.70
Circuit Breaker, 25 Amp	454-652	\$27.42
Battery Drain Tube Clamp	454-925	\$14.01
Cross Connector	455-161	\$0.97
Insulator	467-062	\$4.01
Bus Bar Sleeve	90797-010	\$3.82
Wire Insulating Sleeve	90797-013	\$0.09
Landing Light Wire	U10128-093	\$27.09
Navigation Light Wire Clip	U11061-000	\$8.12
Battery Ground Cable	U11122-004	\$41.23
Wiring Harness	U12298-017	\$172.78
Landing Light Center Bracket	U12524-002	\$29.01
Landing Light Outer Right Bracket	U12524-003	\$21.59
Landing Light Outer Left Bracket	U12524-004	\$21.48
Landing Light Attach Plate	U12525-000	\$54.40
Landing Light Mounting Plate	U12527-002	\$131.58
Outer Rib Reinforcement Plate	U12529-002	\$30.26
Center Rib Reinforcement Plate	U12529-003	\$36.45
Landing Light Lens Attach Strip, Top and Bottom	U12533-002	\$5.80
Landing Light Lens Side Attach Strip	U12533-003	\$8.68
Wing Navigation Light Bracket, Grimes 'E' Lights	U12560-000	\$144.52
Positive Terminal Insulation Strip	U14070-000	\$54.67
Outboard Rib Reinforcement Plate	U14425-000	\$79.02

Landing Light Kit

For all PA-20, and PA-22

(S/N 1 to 2377, 2379 to 2424)

751-200.....**\$1,439.27**

For PA-22 (S/N 2378, 2425 and up)

754-052.....**\$1,361.79**



Starter Solenoid

**FAA-PMA
APPROVED**

With 5/16" terminals. This FAA-PMA approved solenoid is a 6 volt unit. It is a direct replacement for the original Piper solenoid. The 6 volt unit has larger contacts than a 12 volt unit thus providing a longer service life. The existing wiring is adequate for a 12 volt electrical system using this solenoid.



Starter Solenoid U487-149 **\$112.70**

Piper Landing Light Lenses

Clear Acrylic Lens

14" Long 12532-000.....**\$79.45**

12.75" Long 12532-002.....**\$103.95**



Concorde Batteries

- Applicability: Piper PA-20, PA-22
- Valve regulated sealed lead acid batteries



12 Volt, 22 Amp Hour RG-25 **\$355.00**

12 Volt, 24 Amp Hour, Extra Capacity RG-25XC **\$410.00**

12 Volt, 29 Amp Hour RG-35A **\$468.00**

12 Volt, 33 Amp Hour, Extra Capacity RG-35AXC **\$510.00**

Engine • Cowling

Description	Part #	Price
Airmaze Air Filter	121494	\$185.96
Rear Baffle Support Bracket	10175-000	\$69.44
Front Baffle Hanger Support	10415-002	\$35.98
Intercylinder Baffle Hanger Support	10415-003	\$40.69
Air Duct Hose	10525-005	\$35.01
Air Box to Carburetor Cap Screw	10836-002	\$1.93
Front Right Baffle Assembly	11948-000	\$288.10
Leather Air Box Baffle	11950-004	\$16.72
Carburetor Air Box	11950-007	\$1,036.57
Engine Breather Tube	11957-000	\$40.41
Exhaust Stack Assembly, Rear Cylinders	12043-003	\$1,356.74
Throttle and Mixture Control Clamp	12316-000	\$129.04
Front Baffle Assembly, Left	12428-004	\$343.65
Front Baffle Assembly, Right	12749-000	\$243.15
Front Baffle Assembly, Right	12749-005	\$240.72
Cowl Support Rod	12809-000	\$129.90
Oil Radiator Lock Plate	13726-000	\$6.72
Rear Baffle, Left	13774-000	\$150.48
Air Regulating Valve Assembly	14205-000	\$106.96
Side Rear Baffle, Left	14430-000	\$143.11
Vacuum Check Valve	492-029	\$109.77

PIPER PA-20 • PA-22

Carburetor Gasket	73451-003	\$10.49
Intercylinder Engine Baffle.....	74912-000	\$47.09
Carburetor Air Baffle Attach Clamp	80032-041	\$16.40
Tailpipe Clamp	U10466-033	\$37.26
Rear Baffle Tie Rod	U10487-000	\$20.53
Front Baffle Tie Rod, Left	U10487-002	\$53.34
Front Baffle Tie Rod, Left	U10487-003	\$27.93
Front Baffle Tie Rod, Left	U10487-004	\$26.11
Exhaust Tailpipe Assembly	U11417-000	\$263.55
Spinner Front Bracket	U12330-004	\$62.20
Oil Quick Drain Valve	U12956-004	\$214.91
Cowl Bottom Plate	U13120-000	\$269.41
Bottom Baffle Assembly	U13136-000	\$233.60
Air Box Scoop Assembly	U13137-000	\$286.99
Bottom Cowl	U13159-000	\$1,482.41
Front Side Baffle Bracket, Left	U13587-000	\$70.38
Oil Radiator Mounting Bracket, Right	U13720-000	\$373.07
Oil Radiator Mounting Bracket, Right	U13720-004	\$316.45
Oil Radiator Mounting Bracket, Left	U13725-000	\$608.82
Oil Radiator Mounting Bracket, Left	U13725-007	\$623.37
Bottom Cowl Plate	U13777-000	\$48.42
Bottom Cowl Plate	U14256-000	\$27.60
Scoop Assembly	U14257-000	\$1,859.57
Engine Breather Tube	U14441-000	\$206.35
Intercylinder Tie Rod, Front and Rear Baffles	U14513-000	\$52.48
Straight Primer Jet	U31197-000	\$62.86
Cowl Bracket Bumper	U453-640	\$4.62
Swivel Stud Fitting	U70371-003	\$27.73
Exhaust Stack Clamp	U80002-074	\$20.31
Vacuum Pump Hose	U82371-028	\$23.82
Vacuum Pump Hose	U82371-033	\$54.87
Fiber Spinner Plate Washer	U85012-047	\$0.88
Mixture Control Swivel Fitting	U91193-000	\$21.70

Aero Classics Oil Cooler

- Applicability: Piper PA-22
 - Supersedes part numbers 455-138, 566-643
 - Approved replacement for Harrison 8521940
- Engine Oil Cooler..... 8000328....**\$747.94**



Winterization Plate

- Applicability: Piper PA-22
 - FAA-PMA approved
- U14793-000..... **\$122.37**



Flexible Oil Pressure Hose



U71061-000 **\$150.60**

**FAA-PMA
APPROVED**

All-Aluminum Nose Cowl

**FAA-PMA
APPROVED**

PA-20

115-125hp	U11958-004.....	\$1,906.00
135hp	U13778-000.....	\$2,203.51



PA-22

S/N 1 to 533	U11958-004	\$1,906.00
135, 150 and 160hp, S/N 534 and up.....	U13778-000	\$2,203.51
108hp, S/N 8000 and up	U15127-000	\$1,743.14

Original Exhaust System Parts

**FAA-PMA
APPROVED**



Muffler Assembly, Includes Shroud and Clip	12742-006	\$2,381.21
Muffler, Includes U452-093 Muffler Safety Bail	U10308-003	\$2,231.43
Exhaust Stack		
Front, 125-160hp, S/N 1 to 7999 (Pictured).....	U12043-023	\$1,312.98
Rear, 125-135hp, S/N 1 to 806 (Pictured)	U12043-022	\$1,686.30
Exhaust Stack, Rear, S/N 354 and up*	U13238-005	\$1,783.59
Tailpipe	U11417-004	\$489.58
Tailpipe Support Tube, S/N 354 and up*		
Tailpipe to Stack.....	U11392-003	\$153.22
Tailpipe to Muffler	U11963-002	\$121.60
Muffler Shroud.....	U12742-004	\$785.87
Shroud Clip.....	U10430-000	\$74.79
Upper Shroud, S/N 354 and up*	U10843-003	\$389.92
Lower Shroud, S/N 354 and up*	U10764-003	\$312.53
Clamps		
Tailpipe Support, S/N 354 and up*	U18116-005	\$224.46
Stack to Muffler	U70591-002	\$36.34
Stack to Tailpipe, S/N 1949 and up	U14235-000	\$38.00
Stack to Muffler, Right, With Stud, S/N 1 to 353	11394-000	\$42.98

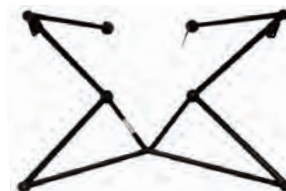
* Used with rear seat heater

Engine Mount

**FAA-PMA
APPROVED**

PA-20 Lycoming

115-125hp, 1950-1951	
U11786-000	\$1,738.01
125-135hp, 1952-1953	
U11786-013	\$1,738.01



PA-22 Lycoming

125hp, S/N 1 to 353.....	U11786-012	\$1,738.01
135hp, S/N 354 to 3386.....	U11786-014	\$1,928.56
150-160hp, S/N 3387 and up, and Colt.....	U11786-015	\$2,055.22

PA-22 Baffles

**FAA-PMA
APPROVED**

Front Baffle, S/N 2378, 2425 and up

Left.....	U14429-000	\$241.70
Right.....	U14432-000	\$229.32
Assembly, Left	U14440-000	\$267.81
Assembly, Right.....	U14439-000	\$255.49

Rear Baffle

Left, S/N 2378, 2425 and up.....	U14430-000	\$208.54
Right, S/N 2378, 2425 and up	U14437-000	\$169.43
Left, S/N 3886 and up.....	U14431-006	\$574.64
Right, S/N 2425 to 3885	U14443-000	\$501.23
Right, S/N 3886 and up	U14443-005	\$588.03

Spinners

**FAA-PMA
APPROVED**

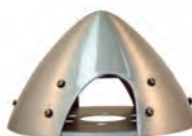
For PA-22 150-160hp

Spinner Dome	U14422-000	\$542.07
Front Plate	U14426-000	\$198.91
Back Plate	U14424-000	\$259.35
Complete Assembly	U14422-A	\$803.86
Complete Assembly	U14422-B	\$839.81



For PA-20 and PA-22 with O-235 and O-290 engines and Sensenich AM Series propellers

Spinner Dome	U13661-000	\$417.24
Front Plate	U13664-000	\$178.71
Back Plate	U13663-000	\$192.66
Complete Assembly	U13661-A	\$732.55



All-Metal Cowling

**FAA-PMA
APPROVED**


PA-22 Bottom Cowl

125hp, S/N 1 to 353.....	U13119-000	\$1,993.49
125hp, S/N 354 to 533.....	U13119-003	\$1,968.29
135hp, S/N 534 to 1759.....	U13784-000	\$1,861.10
135-160hp, S/N 1760 to 7642	U14258-000	\$4,016.25
108hp, S/N 8000 and up.....	U14258-005	\$3,959.51

Special Bottom Cowl for PA-22 "Taildragger" Conversion

Tri-Pacer.....	L1041-10	\$1,877.87
Colt.....	L1041-20	\$1,777.82

PA-20 Bottom Cowl

125hp.....	13159-005	\$1,651.85
135hp.....	13159-007	\$1,385.86

Tri-Pacer Side Cowl

Left.....	U13158-015	\$643.90
Right.....	U13158-014	\$643.90

PA-22 Top Cowl Assembly

U13158-000	\$1,632.67
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Top Center Cowl

U13158-013	\$430.81
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Tachometer Cables

**FAA-PMA
APPROVED**

PA-20, PA-22, Non-Recording, 35"	TACH-35NR	\$161.70
PA-20, PA-22, Recording, 32.5"	U1713-R325	\$166.95
PA-20, PA-22, Recording, 35"	U1713-R350	\$166.95
PA-20, PA-22, Non-Recording, 33"	TACH-33NR	\$161.70
PA-20, PA-22, Recording, 34"	TACH-34	\$161.70

Frame

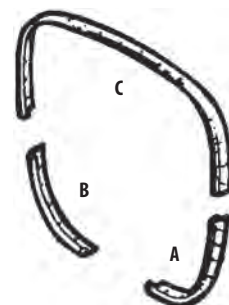
Description	Part #	Price
Door Latch Plate.....	13012-000	\$65.16
Bottom Triangular Fairing, Left	13140-002	\$127.95
Right.....	13140-004	\$122.07
Air Vent Control Arm	13483-000	\$79.30
Front Window Channel, Bottom.....	13858-000	\$47.15
Front Window Channel, Vertical	13863-000	\$63.94
Right Rear Window Channel	14617-000	\$231.35
Lifting Handle	J20652-000	\$61.05
Inspection Cover Grommet.....	U10293-002	\$23.97
Windshield Top Channel.....	U11536-000	\$256.76
Sliding Window Bottom Channel, Left	U11546-000	\$92.98
Rear Wing Attach Fitting, Left	U11821-000	\$48.48
Right.....	U11821-001	\$48.48
Rear Window Channel, Right	U11856-000	\$297.04
Stabilizer Yoke Inspection Cover, Left	U11990-000	\$38.04
Right.....	U11990-001	\$38.04
Round Inspection Cover	U12761-002	\$49.20
Firewall Bottom Panel.....	U13149-000	\$253.71
Firewall Bottom Panel.....	U13149-002	\$243.44
Tailwheel Spring 'U' Attach Fitting	U20631-000	\$45.87
Landing Gear Front Fitting	U21242-002	\$233.17
Landing Gear Frame Fitting, Left.....	U21262-004	\$397.77
Right.....	U21262-005	\$397.77
Tail Post Assembly.....	U22412-000	\$185.18
Door Catch	U52745-000	\$5.32
Tail Inspection Plate, Left.....	U60742-000	\$40.35
Right.....	U60742-001	\$40.35
Drain Grommet	U80122-053	\$4.30
Rectangular Inspection Cover.....	U82461-000	\$18.92

Firewall Moulding

**FAA-PMA
APPROVED**

• NOTE: These are not cowl mounting angles

A) Left Lower Moulding	
U14972-000	\$193.87
B) Right Lower Moulding	
U14972-001	\$193.87
C) Upper Moulding	
U14973-000	\$184.16



We Accept:



PIPER PA-20 • PA-22

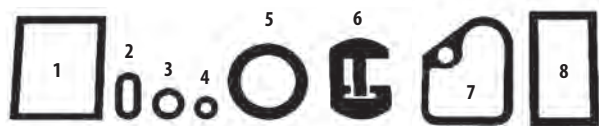
Piper PA-20/22 Reinforcement Patches

- Made of black vinyl
- Approximately 4.5" high by 2" wide

- 1) Teardrop Patch U60863-003 **\$4.35**
 2) Teardrop Patch U60863-005 **\$9.64**



Piper Grommets



- 1) Grommet, Tail U10292-000 **\$13.65**
 2) Grommet U10984-000 **\$19.64**
 3) Grommet U85012-049 **\$5.36**
 4) Grommet 80122-051 **\$4.37**
 Grommet, Generic 483-15 **\$1.01**
 5) Grommet, Inspection Plate U85012-078 **\$9.44**
 6) Grommet, Strut U15761-000 **\$9.15**
 7) Grommet, Tail U10293-000 **\$11.25**
 8) Grommet U80541-002 **\$15.55**

Window and Door Structural Channel Kit

FAA-PMA
APPROVED

- Complies with Piper Bulletin #819

Includes all the 4130 steel channel pieces shown below for both right and left sides of aircraft. Some final trimming may be required for finishing fit.

Window and Door Structural Channel Kit 819-22 **\$626.36**

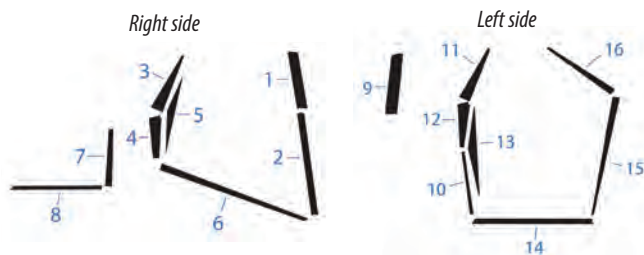


Fig #	Part #	Price
1.....	819-22-01.....	\$60.64
2.....	819-22-02.....	\$89.63
3.....	819-22-04T.....	\$69.74
4.....	819-22-04B.....	\$67.03
5.....	819-22-04C.....	\$63.85
6.....	819-22-05D.....	\$53.68
7.....	819-22-05G.....	\$52.11
8.....	819-22-08G.....	\$21.43

Fig #	Part #	Price
9.....	819-22-06.....	\$72.07
10.....	819-22-07B.....	\$24.18
11.....	819-22-07T.....	\$62.73
12.....	819-22-07H.....	\$76.13
13.....	819-22-07C.....	\$75.01
14.....	819-22-08D.....	\$22.19
15.....	819-22-09.....	\$74.59
16.....	819-22-10.....	\$72.43

Please refer to your parts manuals (20PM, 22PM) for exact model and serial number applicability of parts in this catalog.

Steel 'U' Channels • 6 Foot Length

¼ x ¼ inch Channel (750-284)	X141472	\$8.26
¾ x ¾ inch Channel, 24 gauge	U750-285	\$12.26
¾ x ¾ inch Channel, 20 gauge	U750-285HD	\$13.00
½ x ½ inch Channel	X121272	\$32.47
¾ x ½ inch Channel	X341272	\$31.70
¾ x ½ inch Channel.....	X581272	\$28.46

Door Hinges

FAA-PMA
APPROVED



- A) Front Door Hinge Half (On Door), 18.625" MS35822-15D-18..... **\$47.78**
 B) Front Door Hinge Half (On Frame), 20.375" MS35822-13D-20..... **\$47.24**
 C) Baggage Door Hinge..... 22BD..... **\$30.60**

Fuel System

Description	Part #	Price
Felt Fuel Tank Strap, Top Front.....	10016-017	\$7.86
Felt Fuel Tank Strap, Top Rear.....	10016-020	\$17.86
Felt Fuel Tank Strap, Bottom	10016-021	\$14.07
Felt Fuel Tank Rib Strip.....	10016-022	\$40.43
Wing Brace Channel Felt Strip, Short	10016-023	\$10.40
Wing Brace Channel Felt Strip, Long	10016-024	\$21.13
Fuel Valve Pointer.....	12857-000	\$11.93
Auxiliary Fuel Tank Strap.....	14395-000	\$178.56
Tank Filler Cap Flange	74181-000	\$52.05
Long Fuel Tank Strap, Top Rear.....	U10649-003	\$91.41
Fuel Tank Bottom Strap, Inboard and Outboard	U10650-002	\$73.31
Fuel Tank Brace Cover.....	U11034-000	\$22.97
Fuel Selection Plate.....	U12709-002	\$36.68
Fuel Shut-Off Valve Indicator Plate, Black	U12709-003BK	\$73.90
Red	U12709-003RD	\$73.90
Fuel Valve Arm	U13033-000	\$17.12
Fuel Shut-Off Valve Kit	U491-947K2	\$563.32
Fuel Tank Strap Stud.....	U80111-000	\$25.26
Fuel Seal Washer.....	U80122-048	\$8.62

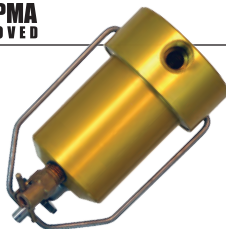
Fuel Gauge

FAA-PMA
APPROVED



Fuel Gauge Assembly.....	U10676-000	\$239.23
Fuel Gauge Plug	U10676-004	\$30.71
Fuel Gauge Sight Tube Washer (No Hole)	U10676-008	\$4.00
Fuel Gauge Sight Tube Washer (With Hole).....	U85012-053	\$3.45
Fuel Gauge Glass Tube.....	U10852-000	\$24.37

Gascolator/Fuel Strainer

**FAA-PMA
APPROVED**


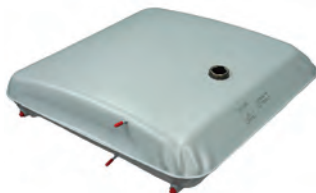
Fuel Strainer, Metal Bowl with Quick Drain	
U14330-002	\$315.59
Fuel Strainer Bowl, EZ Drain, 2½" Bowl	
U12764-000	\$143.56
Gascolator Bail	
U494-644	\$74.66
Gascolator Mounting Bracket	
Fuel Tank Strainer.....	
Fuel Strainer Screen	
Gascolator Bowl Seat	
Gascolator Gasket.....	
Gascolator Cover.....	

Fuel Tanks

**FAA-PMA
APPROVED**

Left Tanks

1950	U10849-016	\$2,051.87
1951-53	U10849-034	\$2,210.35



Right Tanks

1950	U10849-029	\$2,210.35
1951-53	U10849-033	\$2,051.05

Additional Fuel Tank Parts

Fuel Cap (complies with AD 78-10-03)	U60750-002	\$135.78
Fuel Tank Cover	U12570-009	\$365.03
Fuel Cap Gasket	U60750-006	\$2.06

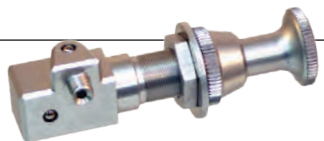
Electric Fuel Gauge and Sender

Fuel Gauge Sender	U450-663	\$430.84
Sender Gasket	50-716	\$11.36
Sender Gasket (for original		
AC type senders)	108-1121126	\$3.79
Fuel Gauge Receiver	3090-033	\$249.29



Primer Pump and Lines

Primer Pump (shown)	
U451-100	\$440.18



Primer Line at Right Rear Cylinder	10143-018	\$70.78
Primer Line at Front Cylinder, Left or Right	10143-020	\$37.79
Primer Line at Rear Cylinder, Left or Right	10143-061	\$33.48
Primer to Gascolator Line	10143-065	\$105.23
Primer Line at Left Front Cylinder	10143-091	\$78.82
Primer Line at Left Rear Cylinder	10143-095	\$78.82
Primer Tee to Rear Cylinder Line	11987-009	\$27.09
Primer Line at Right Front Cylinder	11987-061	\$54.21
Primer Line Support Bracket	12870-000	\$23.74
Primer Line Attach Clamp	18307-000	\$37.93
Straight Primer Jet	U31197-000	\$62.86
Primer Line Clamp	U80032-069	\$29.93
Primer Tee Mounting Bracket	U14470-000	\$10.13

Wing Fuel Drain Valve

**FAA-PMA
APPROVED**


This flush fuel drain valve is designed to be practical, functional, and inexpensive. The head of the valve does not extend beyond the wing to catch the door of your airplane or to hit your head as you walk beneath it. Fuel is only released when you want it to be with the use of our F391 fuel sampler cup, not all over your arm or in your eyes on a windy day.

Fuel Drain Valve	F391-14	\$40.46
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Fuel Lines

**FAA-PMA
APPROVED**

Fuel Line, Shut-Off Valve to Gascolator	U11973-003	\$133.99
Fuel Line, Shut-Off Valve to Gascolator	U11973-009	\$120.37
Fuel Line, Shut-Off to Front of Left Tank	U12574-000	\$133.45
Right Rear Fuel Tank Line, Union to Strainer	U12862-005	\$236.92
Right Rear Fuel Tank Line, Tank to Union	U12863-000	\$72.56
Right Front Fuel Tank Line, Tank to Strainer	U12864-000	\$148.47
Right Front Fuel Tank Line, Tee to Strainer	U12864-003	\$177.87
Right Front Fuel Tank Line, Tee to Strainer	U12864-005	\$157.26
Fuel Line, Tee to Front of Right Tank	U12865-000	\$58.11
Right Front Fuel Tank Line, Tee to Shut-Off	U12866-000	\$141.22
Right Front Fuel Tank Line, Tee to Shut-Off	U12866-003	\$141.22
Fuel Line, Pump to Strainer	U14412-002	\$67.26
Fuel Line, Tank to Pump	U14412-003	\$53.34
Right Rear Fuel Tank Line, Union to Strainer	U14796-000	\$86.90
Flexible Fuel Hose, Strainer to Carburetor	U17766-66	\$192.06

Landing Gear • Chassis

Description	Part #	Price
Oleo Retaining Threaded Collar	13071-000	\$87.10
Nose Gear Link	13074-003	\$329.89
Nose Wheel Axle Rod	13089-000	\$120.04
Rubber Bumper Block	13114-000	\$31.19
Bumper Block Bracket	13115-000	\$87.35
Nose Wheel Fender	13217-000	\$265.66
Oleo Service Instruction Placard	13291-000	\$14.50
Nose Wheel Oleo Top Cover Boot	14087-000	\$13.59
Wiper Strip	187-625	\$15.50
Insert Bushing	80022-047	\$3.88
Eye Bolt	U11601-000	\$59.46
Jury Strut Attach Fork	U11601-002	\$105.73
Nose Wheel Control Rod	U13107-000	\$395.03
Landing Gear Vee, Right	U13124-001	\$2,134.90
Landing Gear Outer Fairing, Left	U13150-000	\$278.84
Right	U13150-001	\$278.84
Landing Gear Belly Fairing, Left	U13152-000	\$144.66
Right	U13152-001	\$115.39
Landing Gear Belly Fairing, Right	U13152-005	\$122.25
Landing Gear Belly Fairing, Right	U13152-008	\$180.38
Rear Leg Vee Fairing, Left or Right	U13193-000	\$45.60

PIPER PA-20 • PA-22

Nose Wheel Control Rod.....	U14679-000	\$577.37
Steering Equalizer Clamp	U14929-003	\$51.69
Wheel Fairing Support Tube.....	U15048-000	\$184.64
Axle Nut	U30491-000	\$80.99
Tailwheel Spring Attach Clamp	U30531-002	\$107.10
Tailwheel Spring Top Pad	U30541-002	\$11.95
Rubber Block.....	U30831-002	\$13.73
Steel Hub Cap, Stamped "Cub".....	U31702-000	\$60.01
Steel Hub Cap, Plain	U31702-002	\$49.20
Insert Bushing.....	U80022-063	\$16.68
Tailwheel Attach Washer.....	U85012-048	\$9.75
Rubber Bumper Washer	U85012-057	\$5.97
Ring Seal for Nose Wheel Control Rod.....	U85012-071	\$11.70
Adjustable Stop Screw	U85061-000	\$12.21
Vent Screw	UB-1258	\$17.02

Shock Cords

- Priced and sold individually
- Part numbers beginning with 'U' are FAA-PMA approved



PA-20, up to S/N 20-811, Standard.....	U30462-002	\$48.76
PA-22-108, Standard.....	U31322-002	\$48.57
PA-20, S/N 1 to 811, Standard.....	U31322-003	\$44.60
PA-20, PA-22, Standard.....	U31322-006	\$46.65
PA-20, Cold Weather	1380-CW	\$58.58
PA-20 (1952 and later), PA-22, Heavy-Duty Cold Weather.....	1080HD-CW	\$65.27

Tailwheel Springs

**FAA-PMA
APPROVED**

- For both original PA-20 aircraft and the PA-22/20 conversion



Tailwheel Spring Complete Set	PA20TWS135	\$310.94
Tailwheel Spring, Bottom Leaf.....	U12567-002	\$94.10
Tailwheel Spring, Middle Leaf.....	U12567-003	\$93.41
Tailwheel Spring, Top Leaf.....	U12567-004	\$57.93
Tailwheel Spring, Top Leaf.....	U12567-005	\$54.19

Shock Strut Assembly

**FAA-PMA
APPROVED**



1) Hydrazorb Unit.....	U487-558-1	\$506.29
2) Shock Strut Top Fitting.....	U12639-000	\$399.51
3) Shock Strut Lower Fitting.....	U12875-000	\$246.97
4) Complete Hydrazorb Unit.....	U13148-000	\$1,249.87

Hydrasorb Shock Assemblies

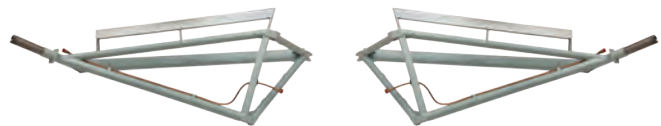
- Part numbers beginning in 'U' are FAA-PMA approved

PA-20, S/N 812 to 876; PA-22, S/N 1 to 7642	U13148-000	\$1,249.87
PA-20, S/N 1 to 811.....	U12638-000	\$1,147.30
PA-20, PA-22.....	U487-558-1	\$506.29
PA-22, S/N 8000 and up.....	13148-002	\$1,068.19

PA-20 Landing Gear (Wide Gear)

**FAA-PMA
APPROVED**

- 1¼ inch axle for Goodrich/Hayes wheels and brakes



Left, Uncovered.....	L13189-000	\$2,019.62
Right, Uncovered.....	L13189-001	\$2,019.62

PA-22 Landing Gear

**FAA-PMA
APPROVED**

- 1½ inch axle for use with original Cleveland drum and shoe brakes
- Uncovered
- Applicability: Serial numbers 1 to 7642, 8000 to 8269, 8271 to 8288, 8290, 8292, 8294 to 8297, 8299 to 8303, 8306, 8308 to 8333, 8335 to 8454, and 8456 (right excludes S/N 8318)

Left, Uncovered.....	U13016-000	\$2,068.71
Right, Uncovered.....	U13016-021	\$2,068.71

Axle Nuts for Landing Gear

- For gears with 1½ inch axles



1) Axle Nut for Drilled Axles.....	MS21025-24	\$25.26
2) Axle Nut for Slotted Axles.....	U13020-000	\$86.33

Cleveland Disc Brake Conversion Kit

- Applicability: PA-22 Tri-Pacer

These wheels and single puck disc brakes are the same as used on the PA-22-108 Colt. It is a straight bolt-on replacement for the original Cleveland/Van Sickle drum and shoe type brakes. No modification to axle. No axle spacers.



STC-SA91AL will be supplied at no charge when the kit is purchased. The STC may also be purchased separately. Aircraft serial number is required for STC issuance.

Cleveland PA-22 Brake Kit.....	199-27600	\$8,635.91
STC	STC-SA91AL	\$93.78

Nose Gear Mount

**FAA-PMA
APPROVED**

U13034-000\$2,262.49



PA-22/20 Landing Gear Conversion **STC APPROVED**

- 1½ inch axles for use on stock PA-20 Pacers

These gears are based on the PA-20 wide gear and have 1½ inch axles designed to accommodate the use of wheel and brake arrangements other than the original Goodrich on the PA-20. These gears require STC-SA12RM for installation (STC must be purchased with gears). Spacers required.

Cleveland Conversion Kit.....	199-23100	\$3,711.33
1½" Axle Landing Gear, Left.....	L1012-40	\$2,084.45
Right.....	L1012-41	\$2,084.45
STC Installation Approval	STC-SA12RM	\$181.13
Axle Spacer, 1.26 inch (2 required).....	U1105-06	\$23.23
Axle Spacer, 0.72 inch (2 required).....	U1105-09	\$23.23

Bushwheel 3200 Tailwheel

The 3200 series is a lightweight 8 inch tailwheel assembly designed to provide positive steering control far beyond rudder travel, and to release easily and automatically to full swivel when aircraft is turned around. The swivel mechanism is sealed to keep out water, sand and mud. Grease fittings are provided for lubrication. Precision components provide years of trouble-free service under severe operating conditions. Pneumatic assembly.

3200 Tailwheel..... ABI-3200\$1,862.00



Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.

McCauley Aluminum Fixed-Pitch Propellers

PA-20, -22, Lycoming O-290	GM7452	\$6,373.27
PA-22, Lycoming O-320	GM7459	\$5,345.60
PA-20S, Lycoming O-290, O-320	GM8241	\$6,980.25

Sensenich Aluminum Propellers

PA-20, Lycoming O-235	76AM6-2-52	\$5,921.72
PA-20S, Lycoming O-290.....	74DM6-0-52	\$5,372.50
PA-20, -22, Lycoming O-290	74DM6-0-54	\$5,372.50
PA-20, -22, Lycoming O-290	74DM6-0-55	\$5,372.50
PA-20, -22, -22S, Lycoming O-290, O-320	74DM6-0-56	\$5,372.50
PA-20, PA-22, Lycoming O-290	74DM6-0-57	\$5,372.50
PA-22, Lycoming O-320	74DM6-0-58	\$5,372.50
PA-22, Lycoming O-320	74DM6-0-60	\$5,372.50
PA-20S, Lycoming O-235.....	76AM6-2-44	\$5,800.50
PA-20, -22, Lycoming O-235	76AM6-2-50	\$5,880.50
PA-20, -22, Lycoming O-235	76AM6-2-48	\$5,880.50

Sensenich Wood Propellers

PA-20, -22, Lycoming O-290	W74FM54	\$4,155.00
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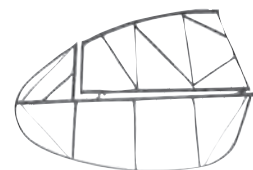
Tail Section

Description	Part #	Price
Rudder Attach Hardware Kit	PSK-1	\$44.15
Elevator Attach Hardware Kit	PSK-2	\$77.74
Stabilizer Yoke Inspection Grommet, Plastic.....	U10292-000	\$13.65
Aluminum	10292-000A	\$13.71
Rear Stabilizer Inspection Grommet, Plastic.....	U10293-000	\$11.25
Aluminum	10293-000A	\$13.06
Bungee Cable Spring.....	U10940-002	\$69.00
Strobe Light Bracket.....	U15722-002	\$164.81
Clevis Washer	U40131-000	\$9.60
Upper Tail Brace Wire	U41031-002	\$44.54
Lower Tail Brace Wire	U41031-003	\$39.18
Elevator Horn Lower Link	U41271-004	\$16.61
Long Bushing	U80022-044	\$1.33
Short Bushing	U80022-045	\$1.68
Drain Grommet	U80122-053	\$4.30

Tail Surfaces, Uncovered

**FAA-PMA
APPROVED**

Elevator, Left or Right		
U12649-000	\$891.88	
Stabilizer, Left or Right.....	U12647-000	\$975.85
Rudder Assembly.....	U40622-007	\$964.16
Fin Assembly.....	U11783-000	\$690.56



Liner Tubes

**FAA-PMA
APPROVED**

Stabilizer Adjust Liner Tube, 16" length	
U86062-080	\$136.05
Stabilizer Rear Liner Tube, 8" length	
U86062-079	\$102.53



Tail Brace Wires

FAA-PMA
APPROVED

- Round type to comply with AD 60-01-07
- Stainless steel wires and clevis



Upper Wire Assembly	U10555-002	\$220.10
Lower Wire Assembly	U10556-002	\$220.10
Original Installation Kit*	10555-KIT	\$73.66

* Use first time round wires are installed



Top wire clevis Bottom wire clevis Square washer Brass nipple

Top Wire, Upper Clevis (40521-008)	U61341-003	\$35.12
Top Wire, Lower Clevis (40521-007)	U61341-002	\$46.52
Bottom Wire, Upper Clevis (40521-009)	U61341-004	\$50.67
Bottom Wire, Lower Clevis (40521-010)	U61340-000	\$46.52
Square Washer	U81102-002	\$6.42
Brass Nipple	U41051-000	\$32.04
Jam Nut	AN315-5	\$0.26
Clevis Bushing	U82732-072	\$6.80

Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Sliding Rear Window, Left	11636-000	\$60.89
Front Door Window, Right	11651-000	\$76.48
Rear Door Window	12009-000	\$50.49
Rear Window, Right	12011-000	\$50.49
Front Door Window	12684-000	\$60.89
Flat Windshield	13432-000	\$437.33
Bubble Windshield	13432-002	\$437.33
Pilot Window	13849-000	\$40.84
Square Rear Window, Left or Right	14247-000	\$53.46
Front Pilot Window, Left	14248-000	\$65.34
Window Ventilator Kit	U752-287	\$237.29

Wings

Description	Part #	Price
Tank Cover Support Plate	10633-005	\$88.41
Aileron False Spar Reinforcement Plate	11473-047	\$13.73
Clear Landing Light Lens, 14" Long	12532-000	\$79.45
Clear Landing Light Lens, 12.75" Long	12532-002	\$103.95

Fairing Attach Plate	12537-000	\$136.86
Pitot Airspeed Tube	14494-000	\$156.33
Felt Strip, 1/16 x 1/2 x 30 inch	180-497	\$4.67
Self-Adhesive Cork Strip, 1/4 inch x 3 feet	189-125	\$4.22
Wing Root Reinforcing Grommet	80122-051	\$4.37
Rubber Airspeed Hose	U83161-002	\$7.40
Drag Strut Lock Bolt Plate	U10151-000	\$3.24
Drag Wire Pull Fitting	U10161-004	\$16.42
Drag Wire Pull Fitting	U10161-005	\$16.42
Drag Wire Pull Fitting	U10171-003	\$7.65
Drag Wire Pull Fitting	U10171-004	\$7.65
Tie Rod Nipple	U10201-000	\$12.32
Tie Rod Nipple	U10211-000	\$47.53
Tie Rod Clevis	U10221-000	\$18.61
Tie Rod Clevis	U10231-000	\$55.14
Front Spar Butt Hinge Fitting	U10401-000	\$48.13
Tank Bay Drag Tube	U10641-002	\$171.12
Idle Adjust Grommet	U10984-000	\$19.64
Navigation Light Wire Clip	U11061-000	\$8.12
Upper Wing Root Fairing	U11523-000	\$84.75
Lower Wing Fairing, Right	U11524-003	\$79.30
Bottom Root Fairing, Left	U11524-004	\$79.30
Bottom Root Fairing, Left	U11525-000	\$75.42
Bottom Root Fairing, Left	U11525-002	\$75.42
Wing Root Fairing, Left	U11526-000	\$100.14
Wing Root Fairing, Right	U11526-001	\$100.14
Airspeed Bracket, Left	U11580-000	\$19.31
Bottom Wing Fairing, Right	U11659-000	\$37.04
Inboard Flap Hinge	U11682-000	\$257.04
Tie Rod Washer	U11933-000	\$26.31
Tie Down Fitting	U12345-004	\$66.96
Aileron Horn Assembly	U12454-000	\$529.64
Inboard False Spar, Left	U12463-000	\$311.36
Right	U12463-001	\$273.25
Center False Spar, Left	U12473-000	\$95.74
Right	U12473-001	\$102.05
Landing Light Center Attach Bracket	U12524-002	\$29.01
Landing Light Outboard Attach Bracket, Right	U12524-003	\$21.59
Left	U12524-004	\$21.48
Landing Light Attach Plate	U12525-000	\$54.40
Landing Light Mounting Plate	U12527-002	\$131.58
Outer Reinforcement Plate	U12529-002	\$30.26
Landing Light Reinforcement Plate	U12529-003	\$36.45
Landing Light Lens Attach Strip, Top and Bottom	U12533-002	\$5.80
Landing Light Lens Attach Strip, Side	U12533-003	\$8.68
Flap Fairing, Left	U13172-000	\$83.28
Flap Fairing, Right	U13172-001	\$83.28
Pitot Tube	U13764-000	\$207.11
Rear Spar Butt Hinge Fitting	U14161-000	\$38.05
#4 Drag Strut	U14222-000	\$183.54
#2 Drag Strut	U14222-002	\$176.69
#1 Drag Strut	U14232-002	\$165.76
Aileron Horn Stop Assembly	U14581-005	\$168.90
#2 Drag Wire	U14941-006	\$31.78
#2 Drag Wire	U14941-007	\$37.38
#2 Drag Wire	U14941-011	\$115.64
#3 Outboard False Spar, Left	U15572-000	\$69.28
Right	U15572-001	\$69.28

Strobe Light Bracket.....	U15722-002	\$164.81
Lift Strut Grommet.....	U15761-000	\$9.15
Front Spar Tip Bow Fitting, Rear.....	U16551-000	\$22.38
Front Spar Tip Bow Fitting, Front.....	U16561-000	\$17.00
Rear Spar Tip Bow Fitting, Front.....	U16601-000	\$17.16
Rear Spar Tip Bow Fitting, Rear.....	U16611-000	\$12.50
Rubber Fairing Seal, 10 Feet.....	U19795-000	\$28.44
Outboard Aileron Hinge, Right.....	U41881-000	\$86.84
Outboard Flap Hinge, Left.....	U41881-002	\$117.10
Aileron Outboard Trailing Edge Fork.....	U42933-003	\$92.84
.....	U461-132	\$54.62
Reinforcement Patch.....	U60863-003	\$4.35
Reinforcement Patch.....	U60863-005	\$9.64
Fuel Tank Strap Washer.....	U80122-011	\$1.19
Wing Drain Grommet.....	U80122-053	\$4.30
Rectangular Inspection Plate Grommet.....	U80541-002	\$15.55
Square Washer.....	U81102-002	\$6.42
Tie Rod Clevis Square Washer.....	U81102-003	\$4.81
Rectangular Inspection Cover.....	U82461-000	\$18.92
Washer.....	U85012-010	\$5.92
Reinforcing Grommet.....	U85012-049	\$5.36
Round Inspection Cover Grommet.....	U85012-078	\$9.44

Round Inspection Plates

Original Piper Style, 4.75" Diameter	
U12761-002	\$49.20
Generic Equivalent, 4.75" Diameter	
483-10.....	\$2.25



Lift Struts

**FAA-PMA
APPROVED**

Eliminate repetitive AD inspections of your struts and forks with Univair's new oiled and sealed lift struts. Complies with AD 2015-08-04. These struts include the new heavy-duty, heat treated, magnafluxed 5/8 inch rolled thread strut fork and nut.



Front Lift Strut	U85560-002	\$739.13
Rear Lift Strut.....	U85559-002	\$739.13

Lift Strut Hardware

Lift Strut Clevis Bolt	U13241-000	\$18.29
Shear Castle Nut.....	AN320-6	\$1.00
Cotter Pin (AN380-3-3)	MS24665-283	\$0.04

Ailerons and Flaps

**FAA-PMA
APPROVED**

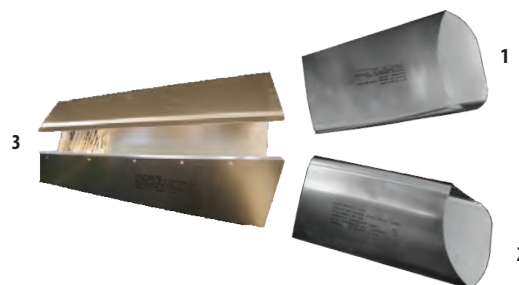
Flap, Left	U12469-000	\$1,453.71
Right.....	U12469-001	\$1,453.71
Aileron, Left	U12468-000	\$1,862.88
Right.....	U12468-001	\$1,862.88

Stainless Steel Lift Strut Forks

**FAA-PMA
APPROVED**


A) Original Size 7/16" Diameter Rolled Thread Fork, (Nut Not Included).....	U14481-003	\$124.16
B) Heavy-Duty 5/8" Diameter Heat Treated Fork For Sealed Struts Only (Nut Included).....	U89201-003	\$156.37

PA-22 Strut Cuffs

**FAA-PMA
APPROVED**


1) Upper Front Strut Cuff		
Left with Tie Down Fitting.....	U12973-004	\$158.85
Left without Tie Down Fitting.....	U12973-000	\$144.85
Right with Tie Down Fitting.....	U12973-003	\$158.85
Right without Tie Down Fitting	U12973-001	\$144.85
2) Upper Rear Strut Cuff		
Left	U12974-000	\$109.20
Right.....	U12974-001	\$109.20
3) Lower Strut Cuff		
Left	U12969-000	\$164.87
Right.....	U12969-001	\$170.54

Spars

**FAA-PMA
APPROVED**

PA-20 Spar Assembly

Front Spar, Left.....	U11753-002	\$705.28
Right.....	U11753-007	\$705.28
Rear Spar, Left.....	U11754-007	\$680.53
Right.....	U11754-008	\$680.53

PA-22 Spar Assembly

Rear Spar, S/N 1 to 2425, except 2378, Left	U11754-007	\$680.53
Right.....	U11754-008	\$680.53
Rear Spar, S/N 2378, 2425 to 7642, Left.....	U14399-002	\$586.31
Right.....	U14399-003	\$586.31
Rear Spar, S/N 8000 and up, Left.....	U14399-006	\$586.31
Right.....	U14399-007	\$586.31
Front Spar, S/N 1 to 2425, except 2378, Left	U11753-002	\$705.28
Right.....	U11753-007	\$705.28
Front Spar, S/N 2378, 2425 and up, Left.....	U14398-002	\$608.90
Right.....	U14398-003	\$608.90

Please refer to your parts manuals (20PM, 22PM)
for exact model and serial number applicability
of parts in this catalog.

Wing Leading Edge Skins

FAA-PMA
APPROVED

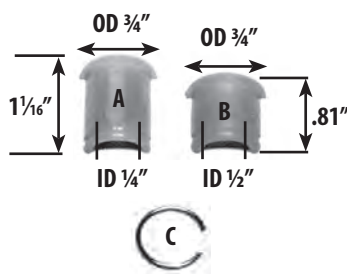
Left Inboard	U10630-008	\$155.45
Right Inboard	U10630-005	\$156.50
Right Inboard	15137-000	\$141.94
Center, S/N 1 to 2425, except 2378, Left	U15482-005	\$253.45
Right	U15482-004	\$253.45
Center, PA-22, S/N 2378, 2425 and up, Left	U14405-000	\$246.16
Right	U14405-001	\$246.16
Outboard Skin	U13072-005	\$79.01
Wingtip Skin, Left	U15723-000	\$300.27
Right	U15723-001	\$300.27

Fairleads and Snap Ring

FAA-PMA
APPROVED

- Fairlead halves are priced and sold individually

A) Long Fairlead Segment U40701-000	\$1.37
B) Short Fairlead Segment U40071-000	\$1.38
C) Snap Ring U40081-000	\$0.51



Aluminum Bearing Block Repair Kit

STC APPROVED

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.

- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
 - Provide aircraft model, registration numbers, and serial number when ordering
- Piper Bearing Block Repair Kit.....STC-SA02128LA **\$389.58**

Door Latch Kit

FAA-PMA
APPROVED

- Various applications on most Piper models J-3 through PA-25
- Kit includes stud, latch and screws

U52745-000	\$5.32
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Wing Panel Assembly

See Figure 1 on page 125

'U' prefixes on part numbers indicate an FAA-PMA approved part.
All products are priced and sold individually unless otherwise noted.

Fig	Description	Part #	Price
86	Aileron Cable Assembly	U11527-002	\$165.72
87	Flap Return Spring	U14384-000	\$28.71
88	Flap Return Spring	U10940-000	\$35.25
	Flap Return Spring (487-328)	U14384-000	\$28.71

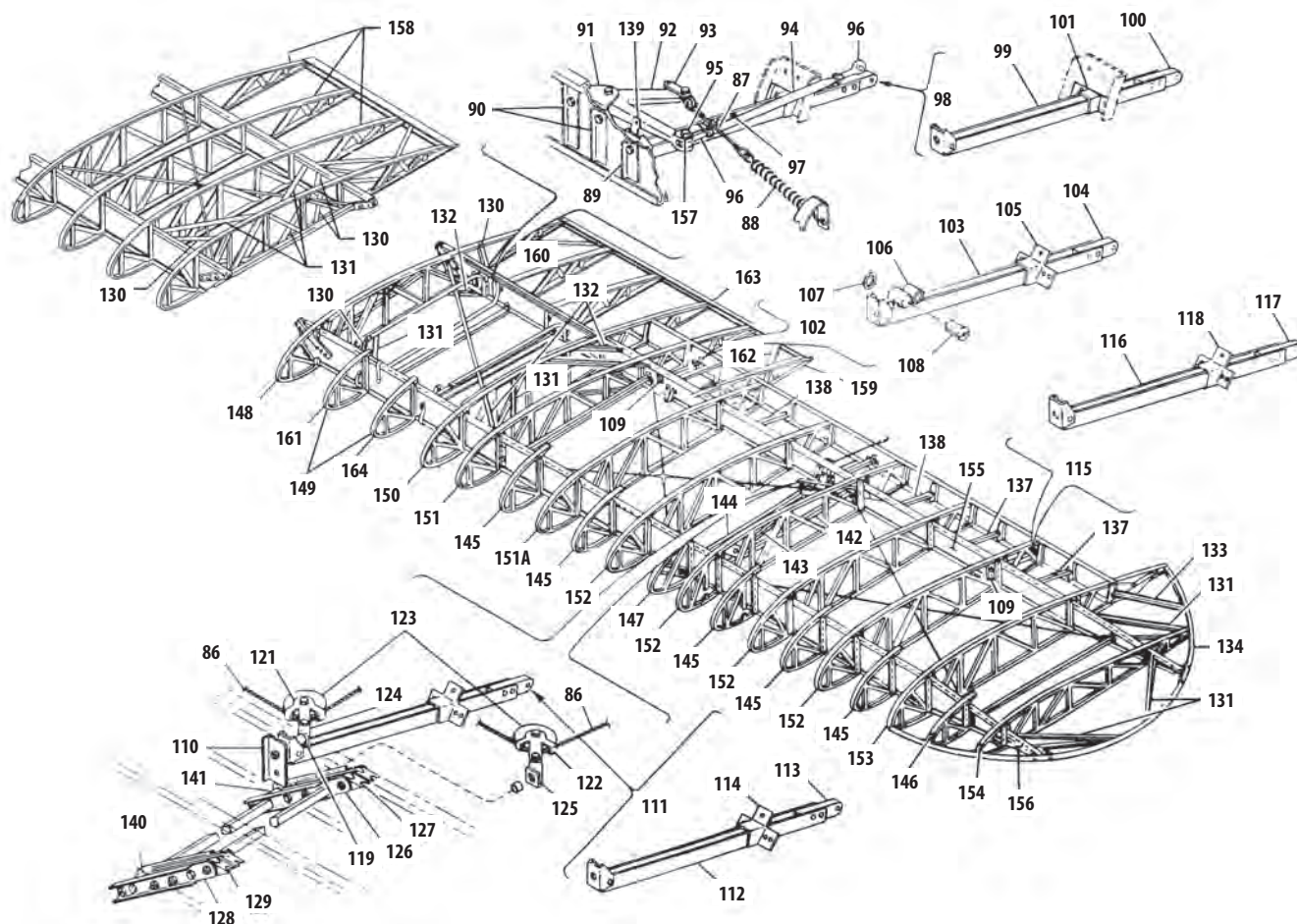
89	Rear Spar Angle, #1 Flap Hinge Bracket	U11675-003	\$20.31
90	Rear Spar Angle, Flap Bellcrank Bracket	U11675-002	\$20.31
91	Flap Bellcrank Attach Bracket	U11672-000	\$69.69
92	Flap Bellcrank, Left	U40092-010	\$198.90
	Flap Bellcrank, Right	U40092-009	\$188.13
93	Flap Cable Attach Link, at Bellcrank	U81262-014	\$6.62
94	Flap Push-Pull Control Rod	U11677-000	\$68.01
95	Flap Bellcrank Screw	12713-004	\$2.78
	Screw (410-050)	MS24694S63	\$0.24
96	Bearing, Flap Push-Pull Rod End	U452-335	\$49.26
97	Flap Cable Rub Strip	90150-02	N/A
98	Inboard Flap Hinge Bracket, #1	U12474-002	\$230.14
99	Hinge Bracket	U10912-006	\$111.64
100	Bearing Block	U10921-000	\$26.23
101	Attach Clamp, at False Spar	U12476-000	\$15.09
102	Outboard Flap Hinge Bracket, #2	U12474-000	\$359.92
103	Hinge Bracket	U10912-006	\$111.64
104	Bearing Block	U10921-000	\$26.23
105	False Spar Attach Clamp	U12056-002	\$22.42
106	Aileron Cable Guide	U12467-000	\$101.08
107	Fairlead Snap Ring	U40081-000	\$0.51
108	Long Fairlead Segment, Sold In Halves	U40701-000	\$1.37
109	Rear Spar Angle, at #2 Flap/Aileron Hinge Bracket	U10291-000	\$25.04
110	Rear Spar Angle, at Aileron Pulley Bracket	U14401-007	\$10.66
111	Bracket Assembly, Aileron Hinge, #1 Inboard	U10703-002	\$149.66
112	Hinge Bracket	U10912-008	\$126.91
113	Bearing Block	U10921-000	\$26.23
114	False Spar Attach Clamp	U12056-002	\$22.42
115	Outboard Aileron Hinge Bracket, #2	U10703-000	\$161.49
116	Hinge Bracket	U10912-006	\$111.64
117	Bearing Block	U10921-000	\$26.23
118	False Spar Attach Clamp	U12056-002	\$22.42
119	Upper Aileron Pulley Housing Bushing	86102-054	\$20.20
120	Spacer Bushing	U86102-062	\$12.40
121	Aileron Pulley Housing, Upper	U41291-000	\$58.71
122	Aileron Pulley Housing, Lower	12462-000	\$99.30
123	Aileron Cable Pulley	U40991-000	\$19.23
124	Upper Aileron Pulley Housing Fitting	U14261-002	\$83.88
125	Lower Aileron Pulley Housing Fitting, Left	U12466-000	\$89.32
	Lower Aileron Pulley Housing Fitting, Right	U12466-001	\$58.43
126	Rear Spar Lift Strut Fitting	U11755-003	\$53.68
127	Filler Block	U11757-002	\$41.68
128	Front Spar Lift Strut Fitting	U11755-000	\$63.63
129	Filler Block	U11757-000	\$59.34
130	Channel Brace, 8 1/2" Long, at #1 Rib	U12252-002	\$13.65
131	Channel Brace, 16" Long, at #1, #4, #12 Rib/Bow to Spar	U12252-003	\$17.71
132	Channel Brace, 6 1/4", #4 and #1 Rib to Spar	U12252-006	\$14.80
133	Channel Brace, 11", #11 Rib to Bow	U12252-005	\$13.65
134	Wood Wing Tip Bow	U453-126	\$48.44
135	False Spar Channel Brace, Top	12252-12	N/A
136	False Spar Channel Brace, Bottom	12252-11	N/A
137	Aileron False Spar Brace, #3 and #4	U14541-000	\$60.58
138	Aileron False Spar Brace, #1 and #2	U14541-002	\$99.26
139	Flap Bellcrank Stop Plate	U11678-000	\$22.99
140	Spacer, Rear Spar Lift Strut Fitting	U15631-003	\$19.06

141	Front Spar Lift Strut Fitting Spacer.....	U15631-002	\$19.06		
142	Lower 'N' Brace Tube, at Strut Point.....	U16472-000	\$138.55		
143	Diagonal 'N' Brace Tube, at Strut Point.....	U11771-000	\$114.08		
144	Upper 'N' Brace Tube, at Strut Point.....	U16462-000	\$138.07		
145	Nose Rib Assembly (15831-002).....	U1200-02	\$31.20		
146	Wing Tip Nose Rib, Left (16192-000).....	U1216-00	\$33.59		
	Wing Tip Nose Rib, Right (19192-001).....	U1216-01	\$50.06		
147	Nose Rib Assembly, at Strut Point (15712-000).....	U1200-05	\$43.89		
148	Butt Rib Assembly, #1, Left (12470-000).....	U1225-00	\$199.65		
	Butt Rib Assembly, #1, Right (12470-001).....	U1225-01	\$152.76		
149	Rib Assembly, #2 and #3, L/R (12472-000).....	U1226-00	\$186.83		
150	Rib Assembly, #4, Left (12470-000).....	U1225-00	\$199.65		
	Rib Assembly, #4, Right (12470-001).....	U1225-01	\$152.76		
151	Rib Assembly, #5 and #6, L/R (12046-004).....	U1207-00	\$176.79		
152	Rib Assembly, #7, #8, #9, #10, L/R (12046-004).....	U1207-00	\$176.79		
153	Rib Assembly, #11, Aileron OB, LH (12046-007).....	U1206-00	\$227.24		
	Rib Assembly, #11, Aileron OB, RH (12046-008).....	U1206-01	\$209.97		
154	Rib Assembly, #12, Tip, Left (10742-002).....	U1202-00	\$198.45		
	Rib Assembly, #12, Tip, Right (10742-003).....	U1202-01	\$187.68		
155	Rear Wing Spar Assembly, Left.....	U11754-007	\$680.53		
	Rear Wing Spar Assembly, Right.....	U11754-008	\$680.53		
156	Front Wing Spar Assembly, Left.....	U11753-002	\$705.28		
	Spar Assembly, Wing, Front, Right.....	U11753-007	\$705.28		
157	Flap Push-Pull Rod Attach Washer.....	80122-007	\$9.08		

Figure 1 • Wing Panel Assembly

Parts list begins on page 124.

The ribs illustrated below are the original "truss type" Piper ribs. The ribs in our listing are Univair's STC approved one-piece stamped aluminum ribs. Original Piper ribs are listed in parenthesis. See pages 135 to 141 for details on ribs.



PIPER PA-25 PAWNEE

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Many parts can be correctly identified by the nomenclature listed in this section. However, we suggest that you also have the correct parts manual for positive identification.

Control System

Description	Part #	Price
Torque Tube Bearing Attach Shim (41371-003)	U41371-005	\$12.51
Control Knob, Black	471-060	\$3.70
Upper Elevator Trim Control Spring	61436-000	\$53.62
Torque Tube Bearing Washer	80122-017	\$7.04
Elevator Trim Arm Washer	85012-079	\$8.07
Aluminum Bearing Block Repair Kit	STC-SA02128LA	\$389.58
Elevator Cable Link.....	U10449-000	\$35.90
Control Knob, Black	U10911-000	\$13.06
Fairlead 'U' Bracket.....	U11151-000	\$9.41
Front Control Stick Lower Stub	U13729-000	\$463.48
Short Fairlead Segment, Sold In Halves	U40071-000	\$1.38
Flap Control Bellcrank, Right.....	U40092-009	\$188.13
Left.....	U40092-010	\$198.90
Stabilizer Adjust Trim Crank	U41111-000	\$133.15
Attach Shim	U41371-002	\$4.18
Torque Tube Bearing Shim	U41371-005	\$12.51
Rod End Bearing	U452-335	\$49.26
Flap Cable Pulley Bushing	U80012-004	\$9.32
Pulley Washer	U80122-018	\$2.27
Elevator Trim Arm Washer	U80122-020	\$7.04

Rudder Pedal Bar Clamp	U80222-024	\$36.08
Flap Bellcrank Link	U81262-014	\$6.62
Aileron Cable Link	U81352-011	\$10.96

Control Cables

Description	Part #	Price
Flap Control Cable, Left, 34.88", Stainless.....	U42702-002	\$247.14
Flap Control Cable, Right, 66.62", Stainless	U42702-003	\$248.56
Aileron Control Cable, 160.56", Stainless	U42702-004	\$237.94
Aileron Balance Cable, 143.59", Stainless	U42702-005	\$237.94
Lower Elevator Control Cable, 187.75", Stainless	U42702-007	\$224.17
Flap Control Cable, 27.13", Stainless.....	U61181-013	\$173.69
Elevator Trim Cable, 118.44" Stainless.....	U61181-016	\$135.52
Rudder Cable, 160.75", Stainless	U61181-019	\$189.39
Shoulder Harness Cable, 45.0", Stainless	U61181-024	\$116.47

Piper Pulleys

FAA-PMA
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1



2



3

Description	O.D. x I.D.	Part #	Price
1) Fiber Pulley	2 3/4 x 3/8 inch	U40991-000	\$19.23
2) Fiber Pulley	2 3/4 x 5/16 inch	U41001-008	\$66.74
3) Fiber Pulley	1 3/4 x 1/4 inch	U80421-000	\$12.99

Electrical System

Description	Part #	Price
Landing Light Lens, 13.75" Long	12532-003	\$103.95
Battery Terminal Bolt	14069-000	\$45.74
Battery Box Lid	17566-003	\$121.12
Mounting Plate	450-740	\$60.25
Circuit Breaker, 25 Amp.....	454-660	\$122.07
Contactor	455-151	\$540.00
Ignition Switch.....	487-823	\$17.66
Switch	487-827	\$19.80
Landing Light Center Attach Bracket.....	U12524-002	\$29.01
Landing Light Outboard Bracket, Right.....	U12524-003	\$21.59
Left	U12524-004	\$21.48
Landing Light Plate.....	U12525-000	\$54.40
Landing Light Mounting Plate	U12527-003	\$136.18
Wing Navigation Light Bracket	U12560-000	\$144.52
Landing Light Lens Attaching Strip	U14787-003	\$15.61

Concorde Batteries

- Applicability: Piper PA-25
- Valve regulated sealed lead acid batteries



12 Volt, 22 Amp Hour.....	RG-25	\$355.00
12 Volt, 24 Amp Hour, Extra Capacity.....	RG-25XC	\$410.00
12 Volt, 29 Amp Hour.....	RG-35A	\$468.00
12 Volt, 33 Amp Hour, Extra Capacity.....	RG-35AXC	\$510.00

Engine • Cowling

Description	Part #	Price
Aero Classics Oil Cooler.....	8000328	\$747.94
Air Duct Hose, Muffler to Cabin Heat Box.....	10525-018	\$40.05
Front Engine Stop Attachment Lug.....	12409-000	\$31.24
Cowl Support Rod	12809-000	\$129.90
Oil Radiator Lock Plate	13726-000	\$6.72
Oil Line Temperature Adapter	15244-000	\$58.60
Carburetor Air Filter Cover.....	16553-002	\$19.11
Oil Radiator Installation Bumper.....	453-647	\$3.64
Carburetor Control Knob, Black	471-060	\$3.70
Ring Seal.....	484-654	\$2.45
Fiber Engine Mount Washer	80122-043	\$4.74
Propeller Bolt Washer	80122-055	\$6.04
Washer, Elevator Bellcrank to Cable Link.....	81342-019	\$0.13
Muffler Shroud Clip	U10430-000	\$74.79
Air Scoop.....	U13717-000	\$334.74
Oil Radiator Mounting Bracket, Right.....	U13720-004	\$316.45
Left.....	U13725-007	\$623.37
Exhaust Stack Clamp.....	U14235-000	\$38.00
Exhaust Stack Clamp.....	U14235-008	\$63.60
Exhaust Tube Clamp	U14235-012	\$34.46
Intercylinder Tie Rod, Front and Rear Baffles	U14513-000	\$52.48
Cable Swivel Fitting, Cabin Heat.....	U70371-000	\$59.67
Cable Swivel Fitting, Carburetor Heat.....	U70371-002	\$17.41
Swivel Stud Fitting.....	U70371-003	\$27.73
Carburetor Heat Control Clamp	U80032-034	\$28.69
Washer.....	U81342-019	\$4.41
Felt Washer	U85012-014	\$4.90
Fiber Cowl Attach Washer	U85012-047	\$0.88
Swivel Cable Attach Fitting	U91193-000	\$21.70

Exhaust System



Rear Cylinder Exhaust Stack	U12043-022	\$1,686.30
Front Cylinder Exhaust Stack	U12043-023	\$1,312.98
Side Outlet Exhaust Tail Pipe, S/N 656 and up.....	61764-003	\$554.10
Muffler Assembly	U10308-003	\$2,231.43
Exhaust Tail Pipe, S/N 1 to 655.....	U11417-003	\$458.91

Nose Cowl

**FAA-PMA
APPROVED**


- Applicability: Pawnee 150hp

Nose Cowl U13778-000..... **\$2,203.51**


Engine Mounts

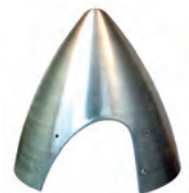
**FAA-PMA
APPROVED**

150hp	U11786-013.....	\$1,738.01
235-260hp.....	L64030-000.....	\$2,478.06

Spinner Assemblies

150hp Spinner Assembly • FAA-PMA

Spinner Dome	U14422-000	\$542.07
Front Plate	U14426-000	\$198.91
Back Plate	U14424-000	\$259.35
Complete Assembly	U14422-A	\$803.86



235hp Spinner Components

- Assembly for fixed-pitch propellers, serial numbers 2986 to 3691

Spinner Dome	U14422-000	\$542.07
Front Plate	U14426-004	\$203.47
Back Plate	U14424-005	\$247.37
Complete Assembly	U14422-B	\$839.81



Spinner Components for 235hp with FA8452 McCauley Propeller

We recommend that both front and back plates be replaced at the same time. Our plates have a slight rotation of prop bolt holes to eliminate dome-propeller contact, thus decreasing plate and dome stress.

Spinner Dome	U64336-000	\$610.30
Front Plate	U64309-000	\$253.67
Back Plate	U64310-000	\$316.31
Complete Assembly	64336-A	\$1,150.68

Engine Baffles for 150hp Pawnee

**FAA-PMA
APPROVED**

Front Engine Baffles

Left.....	U14429-000	\$241.70
Right.....	U14439-000	\$255.49
Left.....	U14440-000	\$267.81

Rear Engine Baffles

Left.....	U14430-000	\$208.54
Left.....	U14431-006	\$574.64
Right.....	U14437-000	\$169.43
Right.....	U14443-005	\$588.03

Tachometer Cable

**FAA-PMA
APPROVED**

PA-25, Recording, 147"	TACH-147	\$299.25
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PIPER PA-25 PAWNEE

Frame

Description	Part #	Price
Plate.....	14495-000	\$44.25
Control Knob, Black.....	471-060	\$3.70
Grommet.....	61692-000	\$3.65
Fin.....	64062-000	\$1,051.45
Fabric Reinforcement.....	U10293-002	\$23.97
Inspection Hole Plate.....	U12761-002	\$49.20
Ventilator Gasket.....	U13914-000	\$9.58
Vent Door Plate.....	U14240-002	\$47.53
Vent Door Gasket.....	U14240-003	\$11.68
Vent Door Plate.....	U14246-000	\$35.83
Vent Door Gasket.....	U14246-002	\$6.67
Fitting Assembly.....	U21242-002	\$233.17
Fitting Assembly.....	U21242-003	\$233.17
Control Knob, Black.....	U471-059	\$4.34
Door Latch Kit.....	U52745-000	\$5.32
Bottom Left Panel.....	U64788-000	\$121.17
Rear Stabilizer Inspection Grommet.....	U64834-000	\$37.21
Tail Inspection Plate, Left.....	U64835-000	\$55.80
Bushing.....	U80012-004	\$9.32
Short Bushing.....	U80022-045	\$1.68
Washer.....	U80122-018	\$2.27
Rectangular Inspection Cover.....	U82461-000	\$18.92
Inspection Grommet.....	U85012-078	\$9.44
Adjustable Stop Screw.....	U85061-000	\$12.21

Fairleads and Snap Ring

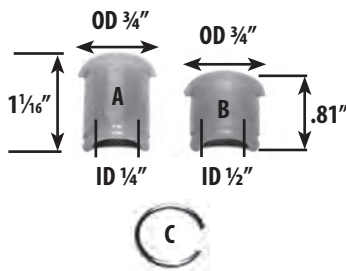
FAA-PMA
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- Fairlead halves are priced and sold individually

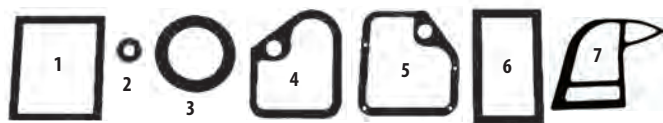
A) Long Fairlead Segment
U40701-000 \$1.37

B) Short Fairlead Segment
U40071-000 \$1.38

C) Snap Ring
U40081-000 \$0.51



Piper Grommets



1) Grommet, Tail.....	U10292-000	\$13.65
2) Grommet.....	U80122-053	\$4.30
3) Grommet, Inspection Plate.....	U85012-078	\$9.44
4) Grommet, Tail.....	U10293-000	\$11.25
5) Grommet.....	U64834-000	\$37.21
6) Grommet.....	U80541-002	\$15.55
7) Grommet.....	U61326-000	\$119.01

Fuel System

Description	Part #	Price
Primer Line, Right Rear Tee to Right Rear Cylinder.....	10143-018	\$70.78
Primer Line, Left Rear Tee to Left Rear Cylinder.....	10143-095	\$78.82
Primer Line, Left Rear Tee to Right Rear Tee.....	11987-055	\$58.76
Primer Line Attach Clamp.....	18307-000	\$37.93
Fuel Sump Bowl.....	22034-000	\$220.00
Drain Valve.....	22179-000	\$30.66
Fuel Valve Control Knob, Red.....	108-6221502-20	\$7.33
Fuel Strainer Bowl.....	U12764-000	\$143.56
Strainer Assembly.....	U14330-002	\$315.59
Mounting Bracket for Primer Tees.....	U14470-000	\$10.13
Primer Jet, Straight Type.....	U31197-000	\$62.86
Gascolator Bail.....	U494-644	\$74.66
Fuel Tank Strainer.....	U72091-000	\$72.72
Fuel Strainer Screen.....	U750-272	\$3.03
Primer Line Clamp.....	U80032-069	\$29.93
Fuel Tank Strap Stud.....	U80111-000	\$25.26
Gascolator Gasket.....	U85012-032	\$4.40
Gascolator Cover.....	U87477-002	\$128.97

Flexible Fuel Line

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- 14.5" length
- Gascolator to carburetor

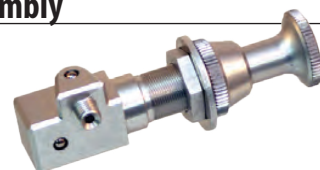
U17766-065 \$237.64



Engine Primer Pump Assembly

FAA-PMA
APPROVED

U451-100 \$440.18



Landing Gear

Description	Part #	Price
Tailwheel Spring.....	10999-003	\$61.84
Tailwheel Spring.....	10999-005	\$73.85
Pad.....	30541-003	\$10.74
Bushing.....	61402-046	\$18.52
Shock Strut Top End Fitting.....	U12639-000	\$399.51
Lower Shock Strut Fitting.....	U12875-000	\$246.97
Axle Nut, 1.5 Inch.....	U13020-000	\$86.33
Wheel Cover.....	U24918-000	\$40.41
Tailwheel Spring Clamp.....	U30531-002	\$107.10
Scott Spring.....	U3222	\$15.72
Tailwheel Spring Connector Kit.....	U3239A-101	\$92.38

Scott Spacer, 1.25 Inch.....	U3243-2	\$79.30
Scott Spacer	U3258	\$3.02
Scott Spacer	U3258-1	\$2.84
Shock Absorber	U487-558-1	\$506.29
Shock Assembly	U64052-002	\$1,876.19
Bushing.....	U80022-063	\$16.68
Tailwheel Attach Washer.....	U85012-048	\$9.75
Washer.....	U85012-057	\$5.97

Tailwheel Springs

**FAA-PMA
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Pawnee 150hp 4-leaf Set.....	PA18TWS4L	\$247.14
3-leaf, 1-hole	PA25TWS1-3L	\$236.11
Pawnee 4-leaf, 1-hole, Complete Set.....	PA25TWS1	\$311.19
Tailwheel Leaf Spring, Bottom	U64079-002	\$98.80
Tailwheel Leaf Spring, Middle	U64079-003	\$81.29
Tailwheel Leaf Spring, Middle	U64079-004	\$65.84
Tailwheel Leaf Spring, Top.....	U64079-005	\$70.67
Pawnee 4-leaf, 2-hole, Complete Set		
S/N 4387 to 4921.....	PA25TWS2	\$333.57
S/N 4922 and up.....	PA25TWS2-1	\$340.76
Tailwheel Leaf Spring, Bottom	U64901-002	\$103.86
Tailwheel Leaf Spring, Middle	U64901-003	\$97.87
Tailwheel Leaf Spring, Middle	U64901-004	\$80.52
Tailwheel Leaf Spring, Top.....	U64901-005	\$90.56

Hydrasorb Shock Assembly

**FAA-PMA
APPROVED**

These parts are originally used on PA-25 Pawnee 235-260hp with serial numbers 2772 to 4171 and 7405573 and up.



1) Top Fitting.....	U64026-006	\$623.88
2) Hydrasorb	U486-604-1	\$1,100.97
3) Bottom Fitting	U64029-000	\$343.62
4) Shock Cord	U31322-005	\$42.90
5) Hydrasorb Assembly (1280 HD)	U64052-003	\$2,132.99

Shock Cords

- Priced and sold individually
- Applicability: Piper PA-25



Standard	U31322-006	\$46.65
Heavy-Duty Cold Weather	1080HD-CW	\$65.27

Bushwheel 3200 Tailwheel

**FAA-PMA
APPROVED**

- Applicability: Pawnee 235-260hp, serial numbers 4387 and up (2 hole type)

Pawnee Tailwheel		
ABI-3200-3		\$1,893.38



Landing Gear

**FAA-PMA
APPROVED**

Pawnee 235-260hp Landing Gear		
Left	L60277-002.....	\$3,097.50
Right.....	L60277-003.....	\$3,097.50



Propellers

Univair furnishes a bolt kit with each propeller purchase. Bolt kits can also be purchased separately from our website.

Propeller descriptions below show basic aircraft/engine model applicability. Check manufacturer's websites for exact applicability before purchasing, or contact our sales staff at 1-888-433-5433 and we can research it for you.

Please note that we do not stock all of the propellers listed. Non-stocked propellers require 2-3 months for delivery.



McCauley Aluminum Fixed-Pitch Propellers

PA-25, Lycoming O-540	AFA8452	\$5,345.60
PA-25, Lycoming O-540	FA8452	\$8,234.50

Sensenich Aluminum Propellers

PA-25, Lycoming O-320	74DM6-0-52	\$5,372.50
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FREE SHIPPING on qualifying orders

Contiguous 48 U.S. states only.
See page 3 for details.

Tail Section

Description	Part #	Price
Stabilizer Yoke Inspection Grommet.....	U10292-000	\$13.65
Rear Stabilizer Inspection Grommet.....	U10293-000	\$11.25
Cable Link	U10449-000	\$35.90
Tail Brace Upper Wire Assembly	U10555-002	\$220.10
Tail Brace Lower Wire Assembly	U10556-002	\$220.10
Rudder Arm.....	U1140A-000	\$229.88
Upper Tail Brace Wire	U41031-002	\$44.54
Lower Tail Brace Wire	U41031-003	\$39.18
Brass Tie Rod Nipple.....	U41051-000	\$32.04
Tail Inspection Plate, Left	U60742-000	\$40.35
Tail Inspection Plate, Right.....	U60742-001	\$40.35
Bottom Wire Lower Clevis	U61340-000	\$46.52
Top Wire Lower Clevis.....	U61341-002	\$46.52
Top Wire Upper Clevis.....	U61341-003	\$35.12
Rear Stabilizer Inspection Grommet.....	U64834-000	\$37.21
Tail Inspection Plate, Left	U64835-000	\$55.80
Tail Inspection Plate, Right.....	U64835-001	\$55.80
Elevator Horn Attach Bushing	U80012-017	\$13.34
Long Bushing	U80022-044	\$1.33
Short Bushing	U80022-045	\$1.68
Wing Drain Grommet.....	U80122-053	\$4.30
Rectangle Inspection Plate Grommet.....	U80541-002	\$15.55
Tail Brace Wire Attach Bushing.....	U82732-072	\$6.80

Elevator and Stabilizer

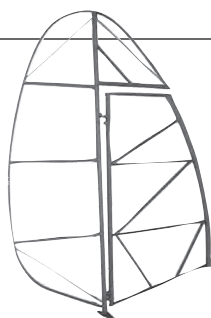
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Elevator

150hp	U12649-000	\$891.88
235-260hp	U64275-000	\$1,403.60

Stabilizer

150hp	U12647-000	\$975.85
235-260hp	U64274-000	\$1,657.14



Windows • Windshields

Prices below are for clear windows and windshields only. See our website for prices and availability of Solar Gray and Green tinted versions. Delivery time is 10 to 12 weeks for non-stock items.

Windshield (S/N 1 to 655).....	61312-000	\$243.54
Windshield (S/N 656 and up).....	61802-003	\$243.54
Door Window	61407-000	\$175.23
Door Window	64815-000	\$193.05
Access Window Assembly, Left.....	64818-000	\$112.12
Right.....	64818-001	\$112.12

Wings

Description	Part #	Price
Reinforcing Plate.....	11473-047	\$13.73
Landing Light Lens, Clear, 13.75 inches	12532-003	\$103.95
Pitot Tube.....	14494-000	\$156.33
Do Not Paint Decal	450-741	\$38.31
Jury Strut Tube.....	61289-000	\$342.33
Front Lift Strut Fairing, Left	61300-000	\$160.11
Right.....	61300-001	\$160.11
Intermediate Jury Strut.....	64260-000	\$266.44
Inboard Jury Strut, Left	64262-000	\$825.63
Right.....	64262-001	\$825.63
Spar Butt Hinge Bushing.....	80022-031	\$13.09
Aileron Pulley Washer	80122-110	\$2.82
Lock Plate.....	U10151-000	\$3.24
Drag Wire Pull Fitting.....	U10161-004	\$16.42
Drag Wire Pull Fitting.....	U10161-005	\$16.42
Drag Wire Pull Fitting.....	U10171-004	\$7.65
Tie Rod Nipple.....	U10201-000	\$12.32
Tie Rod Nipple.....	U10211-000	\$47.53
Tie Rod Clevis	U10221-000	\$18.61
Aileron Hinge Bracket	U10703-000	\$161.49
Aileron Hinge Bracket	U10912-006	\$111.64
Bearing Block.....	U10921-000	\$26.23
Fairlead Bracket	U11151-002	\$9.77
Airspeed Bracket	U11580-000	\$19.31
Flap Bellcrank Bracket.....	U11672-000	\$69.69
Inboard Flap Hinge	U11682-000	\$257.04
Tie Rod Washer	U11933-000	\$26.31
Flap Hinge Bracket, Inboard	U12474-002	\$230.14
Flap Hinge Bracket, Outboard	U12474-003	\$218.05
Navigation Light Bracket.....	U12560-000	\$144.52
Fuel Tank Cover, Right	U12570-013	\$421.02
Left	U12570-014	\$421.02
Round Inspection Hole Cover	U12761-002	\$49.20
Generic Round Inspection Hole Cover.....	483-10	\$2.25
Pitot Tube.....	U13764-000	\$207.11
Drag Strut, Station 175	U14222-000	\$183.54
False Spar, Left	U14382-000	\$106.28
Right.....	U14382-001	\$83.11
Square Aileron Stop	U14581-000	\$241.16
Drag Wire, #1, #2, #3 Wing Bay.....	U14941-006	\$31.78
Drag Wire, #4 Wing Bay.....	U14941-007	\$37.38
Drag Wire, #2 Wing Bay.....	U14941-011	\$115.64
Front Spar Tip Bow Fitting.....	U16551-000	\$22.38
Front Spar Tip Bow Fitting.....	U16561-000	\$17.00
Rear Spar Tip Bow Fitting.....	U16601-000	\$17.16
Rear Spar Tip Bow Fitting.....	U16611-000	\$12.50
Fairing Seal, 10 Feet.....	U19795-000	\$28.44
Aileron Horn Assembly.....	U40501-000	\$198.24
Aileron Hinge, Inboard and Outboard	U41881-000	\$86.84
Outboard Flap Hinge.....	U41881-002	\$117.10
Aileron Center Hinge.....	U41891-000	\$85.57

Aileron Assembly, Uncovered, Left.....	U42585-000	\$1,625.88
Right.....	U42585-001	\$1,625.88
Flap Assembly, Uncovered, Left.....	U61129-000	\$2,077.76
Right.....	U61129-001	\$2,077.76
Strut Fairing Grommet.....	U61326-000	\$119.01
Doubler.....	U64188-000	\$29.25
Wing Drain Grommet.....	U80122-053	\$4.30
Aileron Pulley, 1.75" x .25".....	U80421-000	\$12.99
Rectangle Inspection Plate Grommet.....	U80541-002	\$15.55
Square Washer.....	U81102-002	\$6.42
Tie Rod Clevis Square Washer.....	U81102-003	\$4.81
Balance Cable Link.....	U81262-036	\$19.31
Rectangular Inspection Cover.....	U82461-000	\$18.92
Wing Inspection Cover.....	U82461-100	\$14.47

Leading Edges

**FAA-PMA
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Inboard Leading Edge

#1, Left.....	U60015-000	\$178.96
#1, Right.....	U60015-001	\$178.96
#2, Left.....	U61297-000	\$187.08
#2, Right.....	U61297-001	\$187.08

Center Leading Edge

#3, Left.....	U61296-000	\$280.05
#3, Right.....	U61296-001	\$280.05

Outboard Leading Edge

#4, S/N 1 to 7405572, Left/Right.....	U13072-006	\$103.37
#4, S/N 7405573 and up, 235-260hp, Left/Right.....	U13072-007	\$76.50
#5, S/N 7405573 and up, 235-260hp, Left.....	U60329-000	\$220.29
#5, S/N 7405573 and up, 235-260hp, Right.....	U60329-001	\$220.29

Leading Edge Tip Cover

Left.....	U15723-000	\$300.27
Right.....	U15723-001	\$300.27

Front and Rear Spars

**FAA-PMA
APPROVED**

For 150hp Pawnee

Front Spar, Left.....	61156-002	\$1,281.25
Right.....	U61156-003	\$1,281.25
Rear Spar, Left.....	U61157-002	\$963.27
Right.....	U61157-003	\$963.27

For 235-260hp Pawnee

Front Spar, Left.....	U64055-006	\$1,607.12
Right.....	U64055-007	\$1,607.12
Rear Spar, Left.....	U64056-002	\$1,524.20
Right.....	U64056-003	\$1,524.20

Pawnee Lift Struts

**FAA-PMA
APPROVED**

- End repetitive AD inspections!
- Oiled and sealed to comply with AD 2015-08-04

Lift Struts, 235-260hp.....	L64038-002.....	\$5,016.81
Lift Struts, 150hp.....	U61046-000.....	\$5,294.78



Aluminum Bearing Block Repair Kit **STC APPROVED**

Simple repair for most all fabric-covered Piper. Allows repair of bearing block on flap and aileron hinge, and avoids need to replace bearing blocks. Simple and practical repair. Kit includes bushings, clevis pins, reamer and adhesive.



- STC approved for use on Piper J-3, J-4, PA-11, PA-12, PA-14, PA-15, PA-16, PA-17, PA-18, PA-20, PA-22, and PA-25
 - Provide aircraft model, registration numbers, and serial number when ordering
- Piper Bearing Block Repair Kit..... STC-SA02128LA **\$389.58**

Wing Panel Assembly

See Figure 1 on page 132

'U' prefixes on part numbers indicate an FAA-PMA approved part.
All products are priced and sold individually unless otherwise noted.

Fig	Description	Part #	Price
2.....	Tip Rib, Station 175, Left.....	U1202-00	\$198.45
	Right.....	U1202-01	\$187.68
3.....	Nose Rib, Station 116 ¹	U1200-07	\$47.98
4.....	Nose Rib, Stations 23 to 100 and 160 ¹	U1200-02	\$31.20
	Stations 23 to 100, and 129 to 169 ²	U1200-02	\$31.20
5.....	Nose Rib, Stations 129 and 141 ¹	U1200-08	\$34.14
	Stations 23 to 100, and 129 to 169 ²	U1200-02	\$31.20
6.....	Nose Rib, Station 175, Left.....	U1216-00	\$33.59
	Right.....	U1216-01	\$50.06
7.....	Nose Rib, Left.....	U61068-000	\$126.45
	Right.....	U61068-001	\$126.45
8.....	Nose Rib, Left.....	U61068-002	\$131.22
	Right.....	U61068-003	\$126.45
9.....	Nose Rib, Left.....	U61068-003	\$126.45
	Right.....	U61068-002	\$131.22
10.....	Outboard Aileron Bay Rib, Station 168, Left.....	U1206-00	\$227.24
	Right.....	U1206-01	\$209.97
11.....	Fuel Tank Rib ¹	60304-00	N/A
	Nose Rib, Stations 23 to 100, and 129 to 169 ²	U1200-02	\$31.20
12.....	Rib, 235-260hp, Station 41 ¹	64268-00	N/A
	Rib, 150hp, Station 41 ²	61424-02	N/A
13.....	Rib, 150hp, Station 79 ²	61424-03	N/A
	Rib, 235-260hp, Station 79 ^{1,2}	64216-00	N/A
14.....	Rib, Station 122, Left ¹	64214-02	N/A
	Right ¹	64214-03	N/A
	Rib, 150hp, Station 122 ²	61424-03	N/A
	Rib, 235-260hp, Station 122 ²	64214-00	N/A
15.....	Rib, Station 153, Left ¹	13022-012	N/A
	Right ¹	13022-013	N/A

PIPER PA-25 PAWNEE

Rib, Stations 146 to 157 ²	U1207-00	\$176.79
16..... Rib, Stations 29 and 53 ^{1,2}	64269-004	\$97.08
Rib, 150hp, Stations 29, 53 and 65 ²	61424-04	N/A
Rib, 235-260hp, Stations 29 and 54 ²	64269-00	N/A
Rib, 235-260hp, Station 65 ²	64267-000	\$405.16
17..... Rib, 150hp, Stations 29, 53 and 65 ²	61424-04	N/A
Rib, 235-260hp, Stations 26 and 53 ²	64269-00	N/A
Rib, 235-260hp, Station 65 ^{1,2}	64267-002	\$169.86
18..... Three Quarter Wing Rib ¹	64215-02	N/A
Three Quarter Wing Rib, 150hp ²	61424-006	\$218.81
Three Quarter Wing Rib, 235-260hp ²	64215-00	N/A
19..... Three Quarter Wing Rib	64217-02	N/A
20..... Trailing Edge Rib, Left	U61210-003	\$178.27
Right	U61210-002	\$178.27
21..... Trailing Edge Rib, Left	U61210-000	\$115.66
Right	U61210-001	\$115.66
22..... Outboard Rib, Left	U61211-006	\$219.44
Right	U61211-007	\$210.99
23..... Center Rib, Left	U61211-007	\$210.99
Right	U61211-006	\$219.44
24..... Front Spar, Left ^{1,2}	U64055-006	\$1,607.12
Right ^{1,2}	U64055-007	\$1,607.12
Front Spar, 150hp, Left ²	-61156-002	\$1,281.25
Right ²	U61156-003	\$1,281.25
25..... Rear Spar, Left ^{1,2}	U64056-002	\$1,524.20
Right ^{1,2}	U64056-003	\$1,524.20

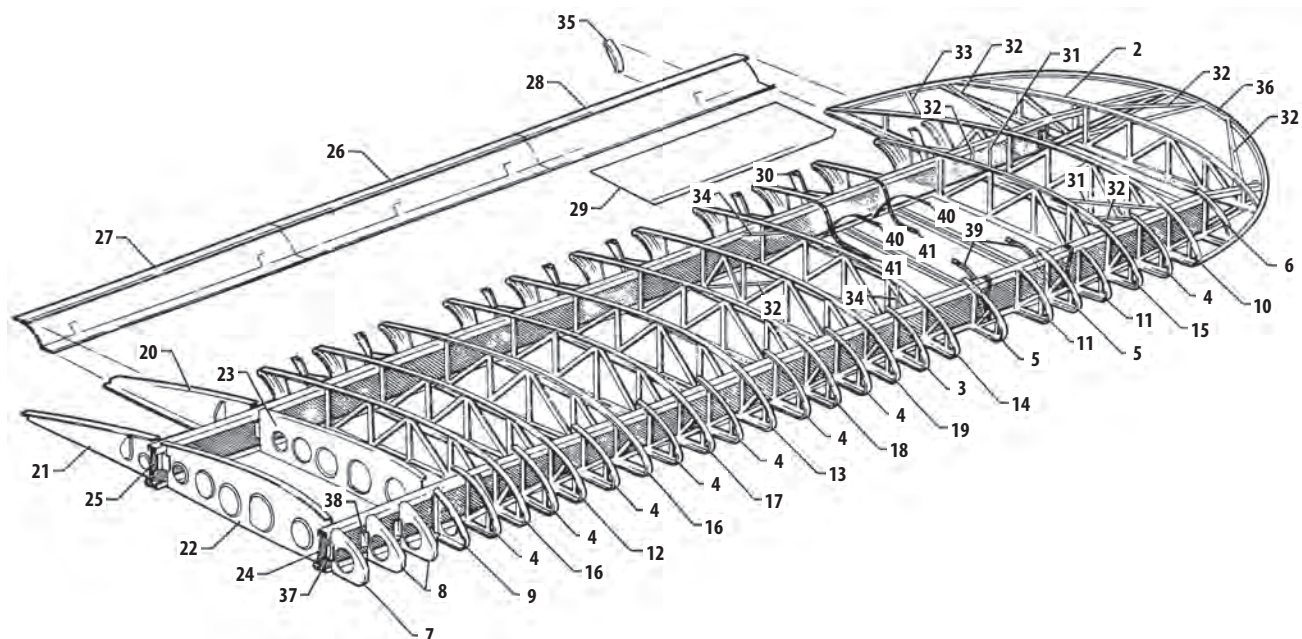
Rear Spar, 150hp, Left ²	U61157-002	\$963.27
Right ²	U61157-003	\$963.27
26..... False Spar, Left ^{1,2}	U64292-000	\$576.85
Right ^{1,2}	U64292-001	\$576.85
False Spar, Left ²	U14382-000	\$106.28
Right ²	U14382-001	\$83.11
27..... Inboard False Spar, Left	U61322-000	\$405.41
Right	U61322-001	\$431.41
28..... Outboard False Spar, Left	U15572-002	\$57.34
Right	U15572-003	\$57.34
29..... False Spar ¹	60333-000	\$158.85
30..... False Spar Brace	U14541-000	\$60.58
False Spar Brace, Station 129	-64258-000	\$54.50
31..... Channel Brace ¹	U12252-002	\$13.65
32..... Channel Brace ¹	U12252-003	\$17.71
33..... Channel Brace	U12252-005	\$13.65
34..... Channel Brace ¹	U12252-006	\$14.80
35..... False Spar Gusset	U13171-000	\$39.35
36..... Wing Tip Bow	U453-126	\$48.44
37..... Nose Rib Clip	61222-00	N/A
38..... Nose Rib Clip	61223-02	N/A
39..... Front Fuel Tank Strap ¹	U10648-003	\$54.55
40..... Rear Fuel Tank Strap ¹	U10649-003	\$91.41
41..... Fuel Tank Strap ¹	U10650-002	\$73.31

¹ Used on serial numbers 25-7405573 and up

² Used on serial numbers 25-1 to 25-7405572

Figure 1 • Wing Panel Assembly

Parts list begins on page 131.



PIPER STCs, CONVERSIONS AND MODIFICATIONS

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PA-22 to PA-20 Conversion

PA-22 Taildragger Landing Gear Conversion

Univair holds STC SA45RM for the conversion of the PA-22 to conventional landing gear configuration. Our kits and parts have become popular items for general aviation enthusiasts and aircraft restorers.

The conversion is not a difficult project. The basic steps involved in making the conversion are as follows: New forward gear fittings are welded on the first station aft of the firewall. The new gears are used for fitting alignment. The new Taildragger gear rear leg utilizes the original forward PA-22 frame fittings and the main leg of the Taildragger gear uses the newly installed fittings. The hydrasorb attachments remain the same. 'U' channels and fabric reworking are required on the belly to accommodate the gears being moved forward. A bracket is welded on the tailpost for the tailwheel assembly. New rudder pedals and toe brakes need to be installed. Rudder control cables need some reworking. The bottom cowl needs to be modified or replaced with a PA-20 type cowl which Univair can provide.



This is a generalization of what is required, and is covered in detail in our instruction sheets and supplied blueprints.

Landing Gear Conversion Kits

The 2200 series kits contain materials required for converting a Piper PA-22-108, 135, 150 or 160hp aircraft to the Taildragger configuration.

Kits provide you with a choice of wheels and brakes. You can use the L1012-40 and -41 landing gears which allow you to use your present PA-22 wheels and brakes, or the heavy-duty Cleveland wheels and brakes. You have a choice of two pneumatic tailwheels. Solid rubber tailwheels are also available on special request.

A popular kit with most aircraft owners has been our L2200-01 (PA-22 wheels and brakes) equipped with options L4 and L7 (dual brakes and the Scott tailwheel).

All L2200 series landing gear conversion kits include STC SA45RM approval, blueprints and instructions.

Basic Conversion Kit L2200-01 **\$4,954.57**

Includes L1012-40/-41 conventional "wide gears" fabricated from AISI 4130N tubular steel (to accommodate the original PA-22 wheels and brakes), STC approval, front gear and tail fittings, tailwheel spring and clamps, aluminum form channels, metal reinforcements, rear frame hand hold, rudder fork, installation instructions, left/right gear inner pans, left/right gear outer fairings, AN hardware kit, PA-20 entry step, forming 'U' channels, and springs for rudder tension.

Kit for Heavy-Duty Cleveland Wheels and Brakes..... L2200-03 **\$4,954.57**

Same as Basic Conversion Kit except for use with Cleveland wheels and dual piston brakes. Includes required axle spacers. Does not include wheels or brakes.

Kit for Heavy-Duty Cleveland Wheels and Brakes..... L2200-03A **\$8,590.63**

Same as kit L2200-03, plus Cleveland wheels and disc brakes (199-23100). Can only be used with 600 x 6 and 700 x 6 tires.

Landing Gear Conversion Information Packet STC-SA45RM **\$562.57**

This kit is intended for individuals considering the PA-22 to Taildragger conversion. The information packet includes installation instructions and blueprints. STC approval, Supplemental Flight Manual, and Weight and Balance forms are excluded. These will be included when the L2200 Series Landing Gear Conversion Kit is purchased. The price of the STC-SA45RM information packet will be applied to the purchase of an L2200 Series Landing Gear Conversion Kit, but will not be refunded.

Toll Free Sales: 1-888-433-5433

Monday-Friday 7:30 a.m. – 4:30 p.m. MT

PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-22 Taildragger Conversion

FAA-PMA
APPROVED



Landing Gear Conversion Kit Options

These kits do not include rudder cables. When ordering, please specify serial number of PA-22 being converted.

Single Brake Conversion Kit..... LOPT-L2**\$6,053.86**

Left side only complete brake system with Cleveland 10-54 slave cylinders, using firewall brake fluid reservoir. This kit **cannot** be converted to a dual brake system. If you desire a dual braking system, Univair recommends you purchase the LOPT-L4 kit (for installation in SA45RM conversion only).

Dual Brake Conversion Kit LOPT-L4**\$9,116.13**

Shown in picture above. Complete brake system with Cleveland 10-54 slave cylinders and firewall brake fluid reservoir for dual brake controls. For installation in SA45RM conversion only.

Pneumatic Tailwheel Conversion Kit..... LOPT-L7**\$2,567.53**

Bushwheel 8 inch pneumatic tailwheel, with 1¼ inch to 1¾ inch spring adapter, and steering spring kit.

Cleveland Wheels & Brakes Heavy-Duty Conversion Kit



This kit consists of two each 30-41B Brake Assemblies and 40-84 Wheel Assemblies currently approved under STC-SA45RM. There is a dual piston brake assembly to provide superior performance for the Taildragger Conversion.

Heavy-Duty Conversion Kit (requires STC installation) ...199-23100**\$3,711.33**

Additional spacers required (priced and sold individually):

Axle Spacer, 1.26 inch (2 required)..... U1105-06**\$23.23**

Axle Spacer, 0.72 inch (2 required)..... U1105-09**\$23.23**

Order online at
www.univair.com

180hp Lycoming Engine Conversion

FAA-PMA
APPROVED

- Applicability: PA-22 Taildragger modified aircraft
- Not approved for seaplane use

Univair holds STC-SA181RM to cover the installation of the Lycoming O-360-A4A engine with the Sensenich 76EM8-60 propeller in the SA45RM Taildragger conversion. It is important to note that this STC approval is only valid on those PA-22 aircraft that have been converted to the conventional landing gear configuration as approved by STC-SA45RM. This modification does not require any structural change in the airframe. It has been approved for the Dynafocal mount for smoother operation. We do require that our manufactured engine mount be purchased to obtain the STC. The nose, top, and side cowls are reused. We supply a template for bottom cowl modification. All parts are available and can be purchased separately, or as a kit. For simplicity, the parts are grouped and priced in three categories. They are listed as Kit #1, Kit #2, and Kit #3. Kit #1 has most of the parts directly related to the engine. Kit #2 has the fuel system, and Kit #3 contains the alternator and related parts. The STC, engine mount, and exhaust system may be purchased individually.

Take off and climb performance is greatly increased by installing the 180 horsepower engine. Soft field and short field performance is noticeably improved, as well as operations at airports at higher elevations. Increases in cruise and top speeds are also noted. Considerable testing on the prototype conversion was carried out in Leadville, Colorado, with an elevation of 9,927 feet. The modification was thoroughly tested by the FAA including cylinder head cooling, oil temperature cooling, heat rise for the carburetor, and noise emissions tests. The climb and speed tests, which included a dive at over 200 mph, were all performed at gross weight. The aircraft was spun fifteen times under different conditions of balance and weight distribution. If you would like more information on this subject, contact Univair for a free brochure.

1 Kit #1 – Engine Build-up Parts O-360-KIT-1 **\$4,623.56**

Purchased as a package – excludes STC paperwork, mount and exhaust system. This kit contains the following:

Description	# Required	Part #	Price
Oil Cooler Bracket, Left	1	L1066-01	\$280.15
Oil Cooler Bracket, Right	1	L1066-02	\$237.18
Oil Cooler Line, Left/Right	2*	L1064-08	\$320.22
Oil Cooler Fittings, 45° Elbow	2*	C5355X8X8	\$8.72
Oil Cooler Fitting, 45°	1	C3359X8	\$5.63
Carburetor Air Box Modification Kit.....	1	L1057-00	\$689.09
Throttle Clamp Assembly	1	L1072-03	\$115.35
Mixture Control Assembly	1	A800-10-0480	\$152.46
Bonding Strap	1	L1063-06	\$31.75
Heater Inlet Flange	1	L1071-01	\$183.29
"Y" Assembly (Heater).....	1	L1071-02	\$565.71
Engine Mount Hardware Set			
(Engine to Mount/Mount to Firewall).....	1	O-360-HD1	\$90.00
Lord Mounts.....	4*	J7402-24	\$209.49
Tachometer Cable	1	U1713-R250	\$148.05
Starter Extension Cable.....	1	L1063-03	\$65.16
Flexible Heater Hose, 2 inch	3 feet	SCAT8	\$20.16/ft
Flexible Heater Hose, 3 inch	3 feet	SCAT12	\$27.95/ft

* Priced and sold individually

Carburetor Air Box, Complete.....1 L1057-A ...**\$1,658.83**

- Used in lieu of modifying the original air box

2 Kit #2 – Fuel Lines and Accessories 0-360-KIT-2.... \$2,231.98

This kit contains the following:

Description	# Required	Part #	Price
Fuel Pump (Electric).....	1	480-532	\$134.39
Combination Fuel and Manifold Pressure Gauge (Calibrated).....	1	LTN55001A	\$412.50
Fuel Line	1	L1064-01	\$156.00
Fuel Line	1	L1064-02	\$303.80
Fuel Line	1	L1064-03	\$320.22
Fuel Line	1	L1064-04	\$284.62
Fuel Line	1	L1064-05	\$213.48
Fuel Line and Manifold Pressure Lines	2*	L1064-06	\$156.00
Fuel Line, Selector to Bulkhead.....	1	L1072-01	\$248.18
Carburetor Adapter Assembly	1	L1072-02	\$113.46
Hardware and Fittings Set.....	1	0-360-HD2	\$435.19
Lycoming Kit	1	54E23073	\$999.68

* Priced and sold individually

3 Kit #3 – Alcor Alternator Kit..... 0-360-KIT-3.... \$2,814.24

This kit contains the following:

Description	# Required	Part #	Price
Alternator (LA-152A)	1	015-01237	CALL
Voltage Regulator (LA-153D)	1	625-61623	CALL
Over Voltage Relay	1	LOVR-12B	\$250.00
Mounting Bar Assembly.....	1	L1063-01	\$245.19
Spike Guard Assembly.....	1	LA-178	CALL
Capacitor	1	LA-177-1	CALL
Resistor	1	LA-152-A1	\$12.97
60 Amp Circuit Breaker	1	LA-154	\$42.00
Alternator Adjustment Arm	1	L1063-02	\$168.50
Alternator Belt	1	L41320	\$8.00
5 Amp Circuit Breaker	1	PSM-5	\$61.13
SPST Toggle Switch	2*	MS35058-21	\$25.01

* Priced and sold individually

Kit #3 also contains other miscellaneous hardware items.

PA-22 “Taildragger” Landing Gear Conversion Dynafocal Engine Mount

Dynafocal Engine Mount

For use with 0-360 Engine and STC-SA181RM only.
L1056-00 **\$2,643.60**

Mount and STC Papers

Includes all blueprints, instructions and mount.
STC-SA181RM **\$3,668.83**



PA-20 Style Bottom Cowl

FAA-PMA
APPROVED

Eliminate that old “22” bottom scoop!

Tri-Pacer.....L1041-10 **\$1,877.87**
ColtL1041-20 **\$1,777.82**

(For converted Tri-Pacer only)



Engine Mount

FAA-PMA
APPROVED

- Applicability: Piper PA-20, PA-25
- For Lycoming engine

Engine MountU11786-013..... **\$1,738.01**



Landing Gear to Frame Fairing Kit

- Applicability: Piper PA-22
- Includes left and right fairings, and rubber seals
- FAA-PMA approved

Landing Gear Fairing Kit..... U1120-00 **\$196.15**



Landing Gear Conversion Kit for ABI-3200 Tailwheel

FAA-PMA
APPROVED

Kit for ABI-3200 series 8 inch pneumatic tailwheel, with 1¼ inch to 1¾ inch spring adapter and steering spring kit.

ABI-3200 Tailwheel Kit..... LOPT-L7 **\$2,567.53**



Univair One-Piece Wing Ribs

Univair One-Piece Stamped Aluminum Ribs FAA/STC Approved for Metal Spar Wing Pipers!

- Univair wing ribs are not approved on wood spars

In response to the decreasing availability and increasing cost of many of the original Piper ribs, Univair has spent considerable time and expense to develop high quality replacement aluminum ribs for the metal spar Pipers.

Univair ribs are formed out of one piece of .032 inch 5052-H34 aluminum, thus eliminating the many individual braces and cap strips, and the multitude of rivets found in the Piper ribs. This one-piece construction provides a stronger, more durable and less expensive rib. Due to the nature of our rib construction, pop rivets may be used for fabric attachment. Pop rivets provide for a stronger and faster means of fabric attachment. Conventional rib stitching or Martin wire may also be used.

As one can see from our rib application lists on the following pages, we have designed a replacement rib for many of the corresponding Piper ribs. Univair ribs are designed to be direct replacements and may be used in conjunction with the original Piper ribs. When required, Univair ribs will include the necessary cable fairlead holes, gas tank cover flanges, etc. as needed for a proper installation. This means that the butt ribs are designed as butt ribs, not as generic full ribs requiring modification. Flap bay ribs are designed differently from aileron bay ribs, and so on. Our ribs are also approved to be separated into three pieces and reassembled to replace a damaged rib at any station along the wing, thus eliminating the need to take the ribs off of the spars to reach the damaged rib.

PIPER STCs, CONVERSIONS AND MODIFICATIONS

Application Lists for Univair Wing Ribs

J-3

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
12662-002	U1200-02	Nose Rib	10	\$31.20
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
13022-002	U1207-00	¾ Rib, #10 and #11	2	\$176.79
13022-002	U1207-02	¾ Rib, Left or Right #7	1	\$133.15
13022-002	U1207-03	¾ Rib, Left or Right #8	1	\$159.39
13022-005	U1223-01	¾ Rib, Left or Right #6	1	\$178.04
13022-006	U1208-00	¾ Rib, #9 at Strut Point	1	\$221.92
13042-000	U1228-00	Inboard Aileron Bay Rib, Left #5	1	\$148.72
13042-001	U1228-01	Inboard Aileron Bay Rib, Right #5	1	\$158.80
13052-002	U1227-04	Full Rib, Left or Right #2	1	\$159.35
13052-002	U1228-04	Full Rib, #3 and #4	2	\$198.31
13052-004	U1227-00	Butt Rib, Left #1	1	\$190.36
13052-004	U1227-01	Butt Rib, Right #1	1	\$202.98
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-11

Piper #	Univair #	Description	# Per Wing	Price
10634-000	U1219-00	Butt Rib, Left #1	1	\$224.86
10634-008	U1219-01	Butt Rib, Right #1, w/Right Tank	1	\$224.86
10635-000	U1224-00	Tank Rib, Left #2	1	\$165.32
10653-000	U1221-01	Full Rib, Left #3	1	\$177.61
10653-006	U1221-00	Full Rib, Right #3, w/Right Tank	1	\$161.03
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
10907-000	U1217-00	Full Rib, Right #3	1	\$164.96
10908-000	U1217-01	Butt Rib, Right #1	1	\$132.86
12662-002	U1200-02	Nose Rib	8-L, 10-R	\$31.20
12662-004	U1200-08	Nose Rib at Tank Bay	2	\$34.14
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
13022-002	U1207-00	¾ Rib, #7, #8, #10 and #11	4	\$176.79
13022-005	U1209-00	¾ Rib, Left or Right #6	1	\$207.53
13022-006	U1208-00	¾ Rib, #9 at Strut Point	1	\$221.92
13042-000	U1222-00	Inboard Aileron Bay Rib, Left #5	1	\$177.21
13042-001	U1222-01	Inboard Aileron Bay Rib, Right #5	1	\$173.34
13052-002	U1220-02	Full Rib, R #2, L/R #4	1-L, 2-R	\$214.67
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

J-5C, PA-12

Piper #	Univair #	Description	# Per Wing	Price
10108-002	U1235-02	Full Rib, Left #4	1	\$140.54
10108-003	U1235-03	Full Rib, Right #4	1	\$140.54
10109-000	U1236-00	Full Rib, Left or Right #5	1	\$145.12
10119-000	U1234-00	Tank Bay Rib, L/R #2 and #3	2	\$154.78

10227-002	U1235-00	Butt Rib, Left #1	1	\$328.34
10227-003	U1235-01	Butt Rib, Right #1	1	\$328.34
10642-005	U1236-01	Full Rib, Left or Right #6	1	\$160.62
10692-004	U1236-02	Inboard Aileron Bay Rib, Left #7	1	\$151.39
10692-005	U1236-03	Inboard Aileron Bay Rib, Right #7	1	\$161.91
10702-004	U1236-04	Outboard Aileron Bay Rib, Left #15	1	\$206.94
10702-005	U1236-05	Outboard Aileron Bay Rib, Right #15	1	\$151.39
10712-003	U1237-06	¾ Rib, Left or Right #14	1	\$149.44
10722-003	U1237-02	¾ Rib, Left or Right #11	1	\$194.61
10732-004	U1237-00	¾ Rib, Left or Right #9	1	\$207.54
10732-005	U1237-01	¾ Rib, #8, #10, #12 and #13	4	\$207.54
10742-000	U1203-00	Tip Rib, Left #16	1	\$137.83
10742-001	U1203-01	Tip Rib, Right #16	1	\$120.22

Caution: If fabric is rib stitched to Univair stamped ribs, DO NOT use pre-drilled pop rivet holes. Pass rib stitch cord around the outside surfaces of the rib just like on the original truss type Piper ribs.

PA-14

Piper #	Univair #	Description	# Per Wing	Price
10702-004	U1236-04	Outboard Aileron Bay Rib, Left #15	1	\$206.94
10702-005	U1236-05	Outboard Aileron Bay Rib, Right #15	1	\$151.39
10712-003	U1237-06	¾ Rib, Left or Right, #14	1	\$149.44
10722-003	U1237-02	¾ Rib, Left or Right, #11	1	\$194.61
10732-005	U1237-03	¾ Rib, #8, #10, #12 and #13	4	\$138.81
10732-006	U1237-04	¾ Rib, Left or Right, #7 and #9	2	\$194.61
10732-007	U1237-05	¾ Rib, Left or Right, #6	1	\$203.71
10732-008	U1237-03	¾ Rib, Left or Right, #5	1	\$138.81
10742-000	U1203-00	Tip Rib, Left #16	1	\$137.83
10742-001	U1203-01	Tip Rib, Right #16	1	\$120.22
11687-000	U1238-00	Butt Rib, Left #1	1	\$182.10
11687-002	U1238-01	Butt Rib, Right #1	1	\$148.50
11688-000	U1234-01	Tank Bay Rib, Left or Right, #2	1	\$244.97
11688-002	U1234-02	Tank Bay Rib, Left or Right, #3	1	\$257.29
11689-002	U1238-02	¾ Rib, Left #4	1	\$109.59
11689-003	U1238-03	¾ Rib, Right #4	1	\$123.23

PA-15 and PA-17

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, Left #11	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #11	1	\$187.68
12662-002	U1200-02	Nose Rib	6	\$31.20
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #10	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #10	1	\$209.97
13022-002	U1207-00	¾ Rib, #5, #6, #8 and #9	4	\$176.79
13022-006	U1208-00	¾ Rib, Left or Right, #7	1	\$221.92
13022-007	U1233-00	¾ Rib, Left or Right, #4	1	\$135.13
13042-000	U1228-02	Inboard Aileron Bay Rib, Left #3	1	\$148.72
13042-001	U1228-03	Inboard Aileron Bay Rib, Right #3	1	\$148.72
13052-002	U1228-05	Full Rib, Left or Right, #2	1	\$136.75
13052-005	U1227-02	Butt Rib, Left #1	1	\$148.50
13052-005	U1227-03	Butt Rib, Right #1	1	\$182.61
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-16

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, Left #1	1	\$185.22
10635-000	U1224-00	Tank Bay Rib, Left #2	1	\$165.32
10742-002	U1202-00	Tip Rib, Left #12	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #11	1	\$187.68
11750-000	U1232-00	Inboard Aileron Bay Rib, Left #3	1	\$109.59
11752-000	U1225-02	¾ Tank Bay Rib, Left #4	1	\$170.55
12046-002	U1228-05	Full Rib, Right #2	1	\$136.75
12046-003	U1228-03	Inboard Aileron Bay Rib, Right #3	1	\$148.72
12046-004	U1207-00	¾ Rib, #6-#9, #5 R, #10 L	5-L, 5-R	\$176.79
12046-006	U1233-00	¾ Rib, Left #5, Right #4	1	\$135.13
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #11	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #10	1	\$209.97
12662-002	U1200-02	Nose Rib	6-L, 5-R	\$31.20
13052-005	U1227-03	Butt Rib, Right #1	1	\$182.61
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-18 95hp

Piper #	Univair #	Description	# Per Wing	Price
10634-004	U1219-00	Butt Rib, Left #1	1	\$224.86
10634-008	U1219-01	Butt Rib, Right #1	1	\$224.86
10635-000	U1224-00	Tank Bay Rib, L/R #2 w/Right Tank	1	\$165.32
10653-000	U1221-01	Tank Bay Rib, Left #3	1	\$177.61
10653-006	U1221-00	Tank Bay Rib, Right #3 w/Right Tank	1	\$161.03
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
10907-000	U1217-00	Full Rib, Right #3 w/o Right Tank	1	\$164.96
10908-003	U1217-01	Butt Rib, Right #1 w/o Right Tank	1	\$132.86
12662-002	U1200-02	Nose Rib	Note C	\$31.20
12662-004	U1200-08	Nose Rib at Tank Bay	Note D	\$34.14
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
13022-002	U1207-00	¾ Rib, #7, #8, #10 and #11	4	\$176.79
13022-005	U1209-00	¾ Rib, #6	1	\$207.53
13022-009	U1208-00	¾ Rib, Left or Right, #9	1	\$221.92
13042-000	U1222-00	Inboard Aileron Bay Rib, Left #5	1	\$177.21
13042-001	U1222-01	Inboard Aileron Bay Rib, Right #5	1	\$173.34
13052-002	U1220-02	Full Rib, Right #2 w/o Right Tank	1	\$214.67
		Full Rib, Left or Right, #4	1	\$214.67
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-18 105-125hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, Left #1	1	\$311.13
10634-007	U1215-02	Butt Rib, Right #1 w/Right Tank	1	\$251.59
10635-002	U1214-00	Tank Bay Rib, L/R #2 w/Right Tank	1	\$189.66
10653-002	U1213-01	¾ Rib, Left #3	1	\$175.83
10653-005	U1213-00	¾ Rib, Right #3 w/Right Tank	1	\$180.42
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68

10907-002	U1213-02	¾ Rib, Right #3 w/o Right Tank	1	\$175.83
10908-004	U1215-10	Butt Rib, Right #1 w/o Right Tank	1	\$109.59
12662-002	U1200-02	Nose Rib	Note C	\$31.20
12662-004	U1200-08	Nose Rib at Tank Bay	Note D	\$34.14
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
13022-002	U1207-00	¾ Rib, #6 to #8, #10, #11	5	\$176.79
13022-009	U1208-00	¾ Rib, Left or Right, #9	1	\$221.92
13042-002	U1210-01	¾ Rib, Left #5	1	\$183.03
13042-003	U1210-00	¾ Rib, Right #5	1	\$181.18
13052-007	U1212-00	¾ Rib, Right #2 w/o Right Tank	1	\$197.73
		¾ Rib, Left or Right, #4	1	\$197.73
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-18 135hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, Left #1	1	\$311.13
10634-007	U1215-02	Butt Rib, Right #1	1	\$251.59
10635-002	U1214-00	Tank Bay Rib, Left #2 – Note A	1	\$189.66
		Tank Bay Rib, #2 and #3 – Note B	2	\$189.66
10653-002	U1213-01	¾ Rib, Left #3	1	\$175.83
		¾ Rib, Left #4 – Note B	1	\$175.83
10653-005	U1213-00	¾ Rib, Right #3	1	\$180.42
		¾ Rib, Right #4 – Note B	1	\$180.42
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
12662-002	U1200-02	Nose Rib	10	\$31.20
12662-004	U1200-08	Nose Rib Tank Bay	2-L, 2-R, w/tank	\$34.14
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
13022-002	U1207-00	¾ Rib, #6 to #11 – Note A	6	\$176.79
		¾ Rib, Left or Right, #10 – Note B	1	\$176.79
13022-009	U1208-00	¾ Rib, Left or Right, #11 – Note B	1	\$221.92
13022-010	U1209-00	¾ Rib, Left or Right, #8 – Note B	1	\$207.53
13022-011	U1207-00	¾ Rib, Left or Right, #9 – Note B	1	\$176.79
13042-002	U1210-01	¾ Rib, Left #5 – Note A	1	\$183.03
		¾ Rib, Left #7 – Note B	1	\$183.03
13042-003	U1210-00	¾ Rib, Right #5 – Note A	1	\$181.18
		¾ Rib, Right #7 – Note B	1	\$181.18
13052-007	U1212-00	¾ Rib, Left or Right, #5 – Note B	1	\$197.73
13052-009	U1211-01	¾ Rib, Right #6 – Note B	1	\$208.56
13052-010	U1211-00	¾ Rib, Left #6 – Note B	1	\$153.72
15712-000	U1200-05	Nose Rib at Strut Point – Note A	1	\$43.89
15712-002	U1200-05	Nose Rib at Strut Point – Note B	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-18 150hp

Piper #	Univair #	Description	# Per Wing	Price
10634-005	U1215-01	Butt Rib, Left #1	1	\$311.13
10634-007	U1215-02	Butt Rib, Right #1	1	\$251.59
10635-002	U1214-00	Tank Bay Rib, #2 and #3	2	\$189.66
10653-002	U1213-01	¾ Rib, Left #4	1	\$175.83

PIPER STCs, CONVERSIONS AND MODIFICATIONS

10653-005	U1213-00	¾ Rib, Right #4	1	\$180.42
10742-002	U1202-00	Tip Rib, Left #16	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #16	1	\$187.68
12662-002	U1200-02	Nose Rib	10	\$31.20
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #15	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #15	1	\$209.97
13022-002	U1207-00	¾ Rib, #10, #13 and #14	3	\$176.79
13022-009	U1208-00	¾ Rib, Left or Right, #11	1	\$221.92
13022-010	U1209-00	¾ Rib, Left or Right, #8	1	\$207.53
13022-011	U1207-00	¾ Rib, Left or Right, #9 and #12	2	\$176.79
13042-002	U1210-01	¾ Rib, Left #7	1	\$183.03
13042-003	U1210-00	¾ Rib, Right #7	1	\$181.18
13052-007	U1212-00	¾ Rib, Left or Right, #5	1	\$197.73
13052-009	U1211-01	¾ Rib, Right #6	1	\$208.56
13052-010	U1211-00	¾ Rib, Left #6	1	\$153.72
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-20 115hp

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, Left #1	1	\$185.22
10634-006	U1229-01	Butt Rib, Right #1	1	\$183.99
10635-000	U1224-00	Tank Bay Rib, #2 and #3	2	\$165.32
10742-002	U1202-00	Tip Rib, Left #12	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #12	1	\$187.68
12046-003	U1228-03	Inboard Aileron Bay Rib, Right #6	1	\$148.72
12046-004	U1207-00	¾ Rib, Left or Right #7 to #10	4	\$176.79
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #11	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #11	1	\$209.97
12046-009	U1228-02	Inboard Aileron Bay Rib, Left #6	1	\$148.72
12046-010	U1229-02	Full Rib, Left #4	1	\$140.54
12046-011	U1229-03	Full Rib, Right #4	1	\$181.91
12662-002	U1200-02	Nose Rib	5	\$31.20
12825-000	U1218-00	Full Rib, Left or Right #5	1	\$137.88
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-20 125-135hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, Left #12	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #12	1	\$187.68
11752-000	U1225-02	¾ Rib, Left #4	1	\$170.55
11752-001	U1225-03	¾ Rib, Right #4	1	\$165.17
12046-004	U1207-00	¾ Rib, #5 to #10	6	\$176.79
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #11	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #11	1	\$209.97
12470-000	U1225-00	Butt Rib, Left #1	1	\$199.65
12470-001	U1225-01	Butt Rib, Right #1	1	\$152.76
12472-000	U1226-00	Tank Bay Rib, Left/Right, #2 and #3	2	\$186.83
12662-002	U1200-02	Nose Rib	5	\$31.20
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-22 108hp

Piper #	Univair #	Description	# Per Wing	Price
10634-002	U1229-00	Butt Rib, Left #1	1	\$185.22
10634-009	U1229-01	Butt Rib, Right #1 w/Right Tank	1	\$183.99
10635-000	U1224-00	Tank Bay Rib, Left #2 and #3	2	\$165.32
10635-003	U1224-00	Tank Bay Rib, Right #2 and #3 w/Right Tank	2	\$165.32
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
12046-002	U1228-05	Full Rib, Right #2 to #4, w/o Right Tank	3	\$136.75
12046-004	U1207-00	¾ Rib, #6 to #11	6	\$176.79
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
12046-010	U1229-02	Full Rib, Left #4	1	\$140.54
12046-011	U1229-03	Full Rib, Right #4 w/Right Tank	1	\$181.91
12662-002	U1200-02	Nose Rib	7	\$31.20
12825-000	U1218-00	Full Rib, Left or Right, #5	1	\$137.88
13052-011	U1227-03	Butt Rib, Right #1 w/o Right Tank	1	\$182.61
15131-000	N/A	Inboard Aileron Bay Trailing Edge Rib, Left	1	N/A
15131-001	N/A	Inboard Aileron Bay Trailing Edge Rib, Right	1	N/A
15712-002	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-22 125-135hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, Left #12	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #12	1	\$187.68
11752-000	U1225-02	¾ Rib, Left #4	1	\$170.55
11752-001	U1225-03	¾ Rib, Right #4	1	\$165.17
12046-004	U1207-00	¾ Rib, #5 to #10	6	\$176.79
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #11	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #11	1	\$209.97
12470-000	U1225-00	Butt Rib, Left #1	1	\$199.65
12470-001	U1225-01	Butt Rib, Right #1	1	\$152.76
12472-000	U1226-00	Tank Bay Rib, #2 and #3	2	\$186.83
12662-002	U1200-02	Nose Rib	5	\$31.20
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-22 150-160hp

Piper #	Univair #	Description	# Per Wing	Price
10742-002	U1202-00	Tip Rib, Left #13	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #13	1	\$187.68
11752-000	U1225-02	¾ Rib, Left #4	1	\$170.55
11752-001	U1225-03	¾ Rib, Right #4	1	\$165.17
12046-004	U1207-00	¾ Rib, #5 to #11	7	\$176.79
12046-007	U1206-00	Outboard Aileron Bay Rib, Left #12	1	\$227.24
12046-008	U1206-01	Outboard Aileron Bay Rib, Right #12	1	\$209.97
12470-000	U1225-00	Butt Rib, Left #1	1	\$199.65
12470-001	U1225-01	Butt Rib, Right #1	1	\$152.76

12472-000	U1226-00	Tank Bay Rib, #2 and #3	2	\$186.83
12662-002	U1200-02	Nose Rib	7	\$31.20
15712-000	U1200-05	Nose Rib at Strut Point	1	\$43.89
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06

PA-25 150hp

Piper #	Univair #	Description	# Per Wing	Price
61068-000	U61068-000	Nose Rib, Left #1	1	\$126.45
61068-001	U61068-001	Nose Rib, Right #1	1	\$126.45
61068-002	U61068-002	Nose Rib, Left #2 and #3	2	\$131.22
61068-003	U61068-003	Nose Rib, Right #2 and #3	2	\$126.45
61068-003	U61068-003	Nose Rib, Left #4	1	\$126.45
61068-002	U61068-002	Nose Rib, Right #4	1	\$131.22
12662-002	U1200-02	Nose Rib, #5 - #11 and #13 - #16	11	\$31.20
12662-005	U1200-07	Nose Rib #12	1	\$47.98
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06
61424-004	N/A	¾ Rib, #3, #5 and #6	3	N/A
61424-002	N/A	¾ Rib, #4	1	N/A
61424-003	N/A	¾ Rib, #7	1	N/A
61424-006	N/A	¾ Rib, #8	1	N/A
61298-000	N/A	¾ Rib, #9	1	N/A
61424-005	N/A	¾ Rib, #10	1	N/A
13022-011	U1207-00	¾ Rib, #11	1	\$176.79
13022-002	U1207-00	¾ Rib, #12 and #13	2	\$176.79
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #14	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #14	1	\$209.97
10742-002	U1202-00	Tip Rib, Left #15	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #15	1	\$187.68
61210-000	U61210-000	Trailing Edge Wing Walk Rib, Left #1 - Note E	1	\$115.66
61210-001	U61210-001	Trailing Edge Wing Walk Rib, Right #1 - Note E	1	\$115.66
61210-003	U61210-003	Trailing Edge Wing Walk Rib, Left #2 - Note E	1	\$178.27
61210-002	U61210-002	Trailing Edge Wing Walk Rib, Right #2 - Note E	1	\$178.27
61211-004	U61211-006	Wing Walk Rib, Left #1	1	\$219.44
61211-005	U61211-007	Wing Walk Rib, Right #1	1	\$210.99
61211-007	U61211-007	Wing Walk Rib, Left #2 - Note E	1	\$210.99
61211-006	U61211-006	Wing Walk Rib, Right #2 - Note E	1	\$219.44

PA-25 235D and 260D

Piper #	Univair #	Description	# Per Wing	Price
61068-000	U61068-000	Nose Rib, Left #1	1	\$126.45
61068-001	U61068-001	Nose Rib, Right #1	1	\$126.45
61068-002	U61068-002	Nose Rib, Left, #2 and #3	2	\$131.22
61068-003	U61068-003	Nose Rib, Right, #2 and #3	2	\$126.45
61068-003	U61068-003	Nose Rib, Left #4	1	\$126.45
61068-002	U61068-002	Nose Rib, Right #4	1	\$131.22
12662-002	U1200-02	Nose Rib, #5 to #11 and #15	8	\$31.20
12662-005	U1200-07	Nose Rib #12	1	\$47.98
12662-004	U1200-08	Nose Rib at Tank Bay, #13 and #14	2	\$34.14
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59

16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06
64269-000	N/A	¾ Rib, #3 and #5	2	N/A
64267-002	N/A	¾ Rib, #6	1	N/A
64268-000	N/A	¾ Rib, #4	1	N/A
64216-000	N/A	¾ Rib, #7	1	N/A
64215-000	N/A	¾ Rib, #8	1	N/A
64217-002	N/A	¾ Rib, #9	1	N/A
64214-002	N/A	¾ Inboard Tank Bay Rib, Left #10	1	N/A
64214-003	N/A	¾ Inboard Tank Bay Rib, Right #10	1	N/A
60304-000	N/A	Tank Bay Rib, #11 and #12	2	N/A
13022-012	N/A	¾ Outboard Tank Bay Rib, Left #13	1	N/A
13022-013	N/A	¾ Outboard Tank Bay Rib, Right #13	1	N/A
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #14	1	\$227.24
12902-001	U1206-01	Outboard Aileron Bay Rib, Right #14	1	\$209.97
10742-002	U1202-00	Tip Rib, Left #15	1	\$198.45
10742-003	U1202-01	Tip Rib, Right #15	1	\$187.68
61210-000	U61210-000	Trailing Edge Wing Walk Rib, Left #1 - Note E	1	\$115.66
61210-001	U61210-001	Trailing Edge Wing Walk Rib, Right #1 - Note E	1	\$115.66
61210-003	U61210-003	Trailing Edge Wing Walk Rib, Left #2 - Note E	1	\$178.27
61210-002	U61210-002	Trailing Edge Wing Walk Rib, Right #2 - Note E	1	\$178.27
61211-004	U61211-006	Wing Walk Rib, Left #1	1	\$219.44
61211-005	U61211-007	Wing Walk Rib, Right #1	1	\$210.99
61211-007	U61211-007	Wing Walk Rib, Left #2 - Note E	1	\$210.99
61211-006	U61211-006	Wing Walk Rib, Right #2 - Note E	1	\$219.44
15831-002	U1200-02	Nose Rib, #5 to #11, #13 and #15 - Note F	9	\$31.20
15831-007	U1200-07	Nose Rib #12 - Note F	1	\$47.98
15831-008	U1200-08	Nose Rib at Tank Bay, #14 - Note F	1	\$34.14

PA-25 235, 235B, 235C and 260C

Piper #	Univair #	Description	# Per Wing	Price
61068-000	U61068-000	Nose Rib, Left #1	1	\$126.45
61068-001	U61068-001	Nose Rib, Right #1	1	\$126.45
61068-002	U61068-002	Nose Rib, Left, #2 and #3	2	\$131.22
61068-003	U61068-003	Nose Rib, Right, #2 and #3	2	\$126.45
61068-003	U61068-003	Nose Rib, Left #4	1	\$126.45
61068-002	U61068-002	Nose Rib, Right #4	1	\$131.22
12662-002	U1200-02	Nose Rib, #5 to #11, #13, #15 and #16	10	\$31.20
12662-005	U1200-07	Nose Rib #12	1	\$47.98
16192-000	U1216-00	Tip Nose Rib, Left	1	\$33.59
16192-001	U1216-01	Tip Nose Rib, Right	1	\$50.06
64269-000	N/A	¾ Rib, #3 and #5	2	N/A
64267-002	N/A	¾ Rib, #6	1	N/A
64268-000	N/A	¾ Rib, #4	1	N/A
64216-000	N/A	¾ Rib, #7	1	N/A
64215-000	N/A	¾ Rib, #8	1	N/A
64217-002	N/A	¾ Rib, #9	1	N/A
64214-000	N/A	¾ Rib, #10	1	N/A
64212-000	N/A	¾ Rib, #11	1	N/A
13022-002	U1207-00	¾ Rib, #12 and #13	2	\$176.79
12902-000	U1206-00	Outboard Aileron Bay Rib, Left #14	1	\$227.24

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12902-001 U1206-01	Outboard Aileron Bay Rib, Right #14 ... 1....	\$209.97
10742-002 U1202-00	Tip Rib, Left #15..... 1....	\$198.45
10742-003 U1202-01	Tip Rib, Right #15 1....	\$187.68
61210-000 U61210-000 ...	Trailing Edge Wing Walk Rib, Left #1 – Note E..... 1....	\$115.66
61210-001 U61210-001 ...	Trailing Edge Wing Walk Rib, Right #1 – Note E 1....	\$115.66
61210-003 U61210-003 ...	Trailing Edge Wing Walk Rib, Left #2 – Note E..... 1....	\$178.27
61210-002 U61210-002 ...	Trailing Edge Wing Walk Rib, Right #2 – Note E 1....	\$178.27
61211-004 U61211-006 ...	Wing Walk Rib, Left #1..... 1....	\$219.44
61211-005 U61211-007 ...	Wing Walk Rib, Right #1 1....	\$210.99
61211-007 U61211-007 ...	Wing Walk Rib, Left #2 – Note E..... 1....	\$210.99
61211-006 U61211-006 ...	Wing Walk Rib, Right #2 – Note E..... 1....	\$219.44

NOTES KEY

- NOTE A** For serial numbers 1 to 3770, 3772 to 3780
- NOTE B** For serial numbers 3771, 3781 and up
- NOTE C** Without right tank: 10 ribs – right wing, 8 ribs – left wing.
With right tank: 8 ribs – right wing, 8 ribs – left wing.
- NOTE D** Only with tank: 2 ribs – right wing, 2 ribs – left wing.
- NOTE E** Indicates Univair ribs FAA-PMA approved separately from these STC'd ribs.
- NOTE F** Indicates Piper stamped aluminum ribs that may replace original built-up Piper ribs.

Univair Ribs – Approved Repair and Alternate Installation Procedure

When using a Univair stamped aluminum replacement rib, AD42BSLF pop rivets may be used as the fabric attachment method. The pop rivet is installed through standard ½ inch reinforcement tape and covered with 2 inch fabric tape, just as though rib stitching were used. The hole for the pop rivet is to be made with an awl or other sharp pointed, round instrument to part the cloth fibers rather than cut them. All ribs requiring fabric attachment are pre-drilled at the approved location and spacing. In some wing assemblies, the same rib may be placed both within the propeller slipstream and outside the propeller slipstream. All Univair stamped ribs have flanges that are drilled for use outside the slipstream (3 inch rivet spacing, approximate). To use these ribs within the slipstream area, drill an additional #30 rivet hole centered between each existing hole. The nose ribs do not require fabric attachment; therefore, no holes are drilled for the pop rivets. Notches on some wing leading edge covers may require modification to clear the upper reinforcement doubler on Univair ribs. Remove only the minimum amount of material necessary to clear the doubler and deburr the notch as required after modification.

Sheet metal screw attachment of fabric is not permitted.

Although it is desirable to install new ribs intact, the following procedure may be used to install new ribs when it is unnecessary to disassemble the remainder of the wing.

When installing a Univair rib in sections, the entire Piper rib must be replaced by a Univair rib. Splicing a section of a Univair rib into a Piper rib is not permitted.

1. Drill out rivets through angles and doublers as required to permit cutting of rib.
2. Cut through rib flange and web so that cut extends vertically from the center of the spar notches. Remove the damaged section.
3. Deburr cut areas as required.
4. Reassemble rib using new section(s) as required. Reattach doublers using AN470AD4 rivets in the original holes. If desired, rivets may be replaced by #6 or #8 steel machine screws and AN365 stop nuts.
5. Since Univair stamped replacement ribs do not have a doubler at the upper rear spar notch, one must be installed if the flange and web are cut at this point. Install doubler with the doubler flange and rib flange facing the same direction. Using existing holes as a guide, drill holes through doubler and install rivets or screws as per step #4.

NOTE

For proper replacement rib selection, refer to our Rib Application Lists on the previous pages. There are a few cases where a given Piper rib has more than one corresponding Univair replacement rib.



Doublers and Pop Rivets

When ribs are separated into 3 pieces, a fourth doubler is required to reinforce the spar hole opening.

Doubler for Left Flanged Ribs.....	U1303-01	\$9.88
Doubler for Right Flanged Ribs	U1303-02	\$9.39
Fabric Pop Rivet (½ inch diameter, ¼ inch long)	AD42BSLF	\$0.13

Note: Approximately 550 rivets per 16 rib wing (34 rivets per rib).



Rib Kits

The following rib kits include Univair stamped aluminum wing ribs. Lists of the ribs included in each kit can be found on our website. Kits contain ribs only; no other parts or hardware are included.

Description	Kit #	Price
J-3 Rib Kit, Left.....	RK-0301	\$2,625.00
Right.....	RK-0302	\$2,625.00
PA-11 Rib Kit, Left.....	RK-1101	\$2,677.50
Right.....	RK-1102	\$2,677.50
Right with Tank Bay.....	RK-1103	\$2,677.50
PA-12 Rib Kit, Left.....	RK-1201	\$2,835.00
Right.....	RK-1202	\$2,835.00
PA-14 Rib Kit, Left.....	RK-1401	\$2,782.50
Right.....	RK-1402	\$2,782.50
PA-15/17 Rib Kit, Left.....	RK-1501	\$2,047.50
Right.....	RK-1502	\$2,047.50
PA-16 Rib Kit, Left.....	RK-1601	\$2,047.50
Right.....	RK-1602	\$2,047.50
PA-18 Rib Kit, 95hp, Left.....	RK-1801	\$2,677.50
95hp, Right.....	RK-1802	\$2,677.50
95hp, Right with Tank Bay.....	RK-1803	\$2,677.50
105-125hp, Left.....	RK-1804	\$2,677.50
105-125hp, Right.....	RK-1805	\$2,677.50
105-125hp, Right with Tank Bay.....	RK-1806	\$2,835.00
135hp, Early, Left.....	RK-1807	\$2,782.50
135hp, Early, Right.....	RK-1808	\$2,782.50
135hp, Late, Left.....	RK-1809	\$2,835.00
135hp, Late, Right.....	RK-1810	\$2,835.00
150hp, Left.....	RK-1811	\$3,150.00
150hp, Right.....	RK-1812	\$3,150.00
PA-20/22 Rib Kits		
125-135hp, Left.....	RK-2001	\$2,152.50
125-135hp, Right.....	RK-2002	\$2,152.50
PA-20, 115hp, Left.....	RK-2003	\$2,152.50
Right.....	RK-2004	\$2,152.50
PA-22, 108hp, Left.....	RK-2201	\$2,362.50
108hp, Right.....	RK-2202	\$2,362.50
108hp, Right with Tank Bay.....	RK-2203	\$2,362.50
150-160hp, Left.....	RK-2204	\$2,362.50
150-160hp, Right.....	RK-2205	\$2,362.50

Wing Assemblies With Univair Ribs

Wing assemblies are uncovered. Assemblies are made-to-order; please allow 6-8 weeks for delivery. Crate charges apply; see page 308 for details.

Model	Part #	Price
PA-18 150hp • STC/PMA Approved, Left.....	U14394-000	\$14,512.49
Right.....	U14394-001	\$14,038.47

Supplemental Type Certificates

Lycoming O-290-D or O-290-D2 in J-5A Only

Includes a 501 engine mount, installation instructions and STC approval.

Stoddard Mount and STC.....STC-SA495AL **\$1,320.23**

PA-22 Drum-to-Disc Brakes

This kit consists of two Cleveland 40-28 wheels, two Cleveland 30-18 brakes and one STC approval, STC-SA91AL.

Drum-to-Disc Brakes.....199-27600 **\$8,635.91**

PA-20 Crankcase Pressure Relief Valve

Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of the breather line. For all Lycoming O-320.

Pressure Relief Valve and STC.....STC-SA509AL **\$206.43**

Crankcase Pressure Relief Valve

For Lycoming O-320 series. Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of the breather line.

Relief Valve.....STC-SE508AL **\$202.53**

J-3C Crankcase Pressure Relief Valve

Relieves crankcase pressure and prevents engine damage and failure due to oil loss from freezing of breather line.

Crankcase Pressure Relief Valve and STC.....STC-SA507AL **\$189.05**

PA-11 Flap Conversion Kit

Consists of two each PA-18 flaps, flap handle, flap handle support, flap brackets, cables, pulleys, pulley supports, fairleads, bushing supports, and installation instructions.

STC Approval Only.....STC-SA35AL **\$174.68**

STC and Flaps, Uncovered.....STC-SA35ALU **\$5,651.09**

PA-22/20 Rudder Pedal

- Applicability: Piper PA-22/20 conversion
- Per STC SA45RM
- FAA-PMA approved

A-1260..... **\$280.48**



PIPER STCs, CONVERSIONS AND MODIFICATIONS

PA-12 or PA-12S Engine Conversion: Installation of Lycoming O-290 D or O-290 D2

Minimum Required Purchase:

501 Engine Mount, Installation Instructions
and STC Approval.....STC-SA59AL\$1,320.23

Installation Kit (Excludes Engine and Oil Cooler)

501 Engine Mount, STC and Items Listed BelowSTC-SA59ALK\$8,324.93

Kit consists of:

Engine Baffles

12424-000	\$162.77	12749-005	\$240.72
12428-004	\$343.65	12425-000	\$111.77
12367-006	\$349.07	12426-000	\$167.71
12427-000	\$150.63	13744-000	\$383.63

Oil Cooler Installation

Hose (AN6264-8-32)	MS28741-8-0320	\$164.28
Hose (AN6264-8-38)	MS28741-8-0380	\$175.32
Fittings (x3) (AN822-8D)	MS20822-8D	\$89.71
Fitting (AN823-8D)	MS20823-8D	\$28.20
Mounting Bracket	U13725-000	\$608.82
Mounting Bracket	U13720-000	\$373.07

Exhaust System (PA-18 Crossover)

Front Stack Assembly	U12457-012	\$1,255.06
Rear Stack Assembly	U12457-013	\$1,311.57
Oil Cooler Scoop	U13717-000	\$334.74
Muffler Shroud	12436-000	\$334.77
Shroud Clip	U71261-005	\$51.41
Muffler	U12433-015	\$1,261.75

J-3 Continental O-200A (100hp) Engine Conversion

- O-200A Conversion for J-3 with standard length metal spar wings

This conversion, STC-SA7435SW, is for the stock J-3 with metal spars. Fuel capacity will have to be increased by at least 15 U.S. gallons. Any STC'd auxiliary wing-mounted fuel system for the J-3 will cover this requirement. However, the original 12 gallon frame tank will be limited to six usable gallons. Additional information detailing other requirements of this installation is available from Univair.

STC and Paperwork	STC-SA7435SW	\$436.70
Engine Mount (if Univair mount is not already installed)	U71163-000	\$1,256.97
McCauley Propellor	DCM6944	\$5,345.60
Engine Bushing Hardware Kit	DK200-1	\$870.28
Battery Box Installation Kit	DK200-2	\$1,494.83
Wing Tank Installation Kit	DK200-3	\$6,450.10
162 inch Stringer Blank	1232-162	\$71.82

Critical Requirements for Piper J-3 O-200A Installations of STC-SA107RM and STC-SA7435SW

1. The aircraft must have the Univair part number U71163-000 engine mount, if not already installed previously.

2. Fuel capacity must be increased using wing tanks of at least 15 gallons additional capacity. The Piper 18 gallon wing tank specified in the STC or any other STC approved tank system may be used.

3. An electrical system is optional.

4. A wide stringer must be installed along the left side of the frame so fabric will clear the fuel selector valve that is part of the fuel system modification. A window stop channel is also installed above the fuel selector valve.

5. Cowling and exhaust stack modifications are required if an electrical system is installed and may be necessary even if the electrical system is omitted.

6. The Continental O-200A engine must be equipped with a 15 amp generator and a key activated starter if an electrical system is installed. These requirements must be met so that the accessories clear the firewall.

7. Some types of high profile magnetos eligible for use on the O-200A engine may not be suitable for installation on the Piper J-3 aircraft due to interference with the engine top cowl assembly.

8. There is no gross weight increase using STC-SA7435SW. Weight added during conversion reduces useful load and may limit the aircraft's utility.

PA-12 or PA-14 Engine Conversion: Installation of Lycoming O-320, -A1A, -A1B, -A2A, -A2B, -A2C, A3A, -A3B, -A3C, -C2A, -C2B, -C3A, -C3B

Minimum Required Purchase:

501 Engine Mount, Installation Instructions
and STC Approval.....STC-SA83AL-501\$1,356.67

Installation Kit (excludes engine and oil cooler)

501 Engine Mount, STC and items listed belowSTC-SA83ALK\$6,319.93

Kit consists of:

Engine Baffles

U14439-000	\$255.49	U14452-000	\$159.56
U14440-000	\$267.81	U14457-000	\$124.86
U14455-000	\$118.17	U14458-000	\$454.14
U14456-000	\$153.96	U14467-000	\$496.79

Oil Cooler Installation

Hose (AN6264-8-32)	MS28741-8-0320	\$164.28
Hose (AN6264-8-38)	MS28741-8-0380	\$175.32
Fittings (3) (AN822-8D)	MS20822-8D	\$89.71
Fitting (AN823-8D)	MS20823-8D	\$28.20
Mounting Bracket	U13725-000	\$608.82
Mounting Bracket	U13720-000	\$373.07
Oil Cooler Scoop	U13717-000	\$334.74

Tie Rods (2)	U14513-000	\$52.48
Inner Cylinder Baffle (2)	72150	\$508.90
Hooks (2)	71610	\$5.95
Brackets (2)	71611	\$21.73

STC-SA02267AK Piper PA-12 180hp Modification

This STC provides for the installation of the Lycoming O-360-A2A 180hp engine. The -A2A series is one of the most common versions of the Lycoming O-360 series. It uses a Dynafocal type engine mount, part number D200.

This conversion is applicable on the PA-12 landplane licensed in the Normal Category only. It is not approved for the PA-12S seaplane.

Propeller: McCauley 1A200-FA8242 fixed-pitch propeller with alternate pitches of 43 and 44 inches. Note that compatibility of this design change with previously approved modifications must be determined by the installer.

Paperwork includes:

- STC
- Instructions for Continued Airworthiness
- Aircraft Flight Manual Supplement
- Installation instructions which include fabrication and installation drawings

This is a fairly extensive modification requiring significant fabrication of parts that will have to be "hand fitted" for proper installation. There are several other components that must be used to perform this installation. These must be obtained from various vendors. They include:

- Carburetor – Marvel MA4-5
- Air Filter* – Brackett BA5110
- Oil Cooler – Niagara 20003A (engine baffle mount)
- Front and Rear Header Tanks* – F. Atlee Dodge part numbers 3169-1A and 3169-2
- Fuel Tanks (Left and Right) – F. Atlee Dodge 30.5 gallon or Dakota Cub 24 gallon fuel tank
- Gascolator – Steve's Aircraft SA3-10 (STC SA01026SE)
- Fuel Selector Valve* – Modified Univair part number U491-947K
- Muffler and Exhaust – Leading Edge Exhaust Systems (STC SA02200AK)
- Carburetor Air Box – Aircraft Spruce part number 08-01630

* Item may be purchased separately from Univair

The only approved propeller is the McCauley FA8242 fixed-pitch prop. Alternate pitches include 43 and 44 inches.

STC as provided by Univair Aircraft Corporation will include engine mount and STC related paperwork only.

This is a labor-intensive conversion involving many modifications to the original PA-12 aircraft and engine systems and need to be performed by a qualified aircraft mechanic. Modifications include, but are not limited to the above list. Prior to any modification, Univair recommends that the owner/operator consult with his AP and IA to discuss the details involved with this installation.

Conversion Mount and STC Only.....STC-SA02267AK**\$4,105.31**
Propeller FA8242**\$7,840.92**

CONTACT INFO

F. Atlee Dodge Aircraft Services, LLC

6672 Wes Way
Anchorage, AK 99518-0409
Phone: 907-344-1735
Toll Free: 877-332-8533
Website: www.fadodge.com

Leading Edge Exhaust Systems

6250 Tuttle Place, Suite 1
Anchorage, AK 99507
Phone: 907-248-1188
Website: www.wemakeyoufly.com

Steve's Aircraft

15373 Jones Road
White City, OR 97503-9577
Phone: 541-826-9729
Website: www.stevesaircraft.com

Aeroquip Hoses

Aeroquip Hoses for Oil Cooler

- Applicability: Piper PA-12, PA-14, PA-18, PA-20 and PA-22



Aeroquip hoses for oil cooler to replace steel tubes. Kit includes one 32" long hose, one 38" long hose, three 90° elbows, and one 45° elbow for 3/8" pipe. Field approval required.

Aeroquip Oil Cooler Lines Kit.....AEROQUIP-KT**\$942.38**

Muffler Modification

Muffler Wire Bail

- For all Piper models up to and including the PA-22
- Prevents loss of power due to failure of muffler flame tubes
- Field approval required

Muffler Wire Bail U452-093**\$53.97**



FREE SHIPPING on orders over \$300.
FREE FREIGHT on orders over \$3,000.

Contiguous 48 U.S. states only.
Other restrictions apply – see page 3 for details.

Cleveland Wheels & Brakes Conversion Kits for Piper

Cleveland Conversion Kit

- Applicability: Piper J-3 to PA-18-150 Cub (6.00-6, 7.00-6, and 8.00-6 tires)
- For use with 1 1/4" axles



Supplemental Type Certificate SA11RM-1.25 allows the installation of the popular Cleveland 199-07100 kit on many of the older Pipers using 1 1/4" axles. This kit replaces the original Goodrich (Hayes) wheels and brakes. The kit uses 6.00 x 6 tires and the STC allows larger tires up to 8.00 x 6 to be installed.

Request STC-SA11RM-1.25 when you purchase the conversion kit 199-07100 and we will include it free of charge. Not applicable on J-4 and J-5.

Cleveland Kit..... 199-07100**\$3,996.91**

Additional items needed for installation:

Lines (2 required)* U60703-002 **\$76.03**
 Elbows (2 required)* 402X4 **\$5.08**
 Elbows (2 required)* 502X4 **\$16.24**
 Supplemental Type Certificate STC-SA11RM-1.25 **\$138.51**

* Priced and sold individually

Cleveland Heavy-Duty Conversion Kit

Supplemental Type Certificate SA11RM-1.5 allows the installation of 1 1/2" axles so that a heavy-duty double puck wheel and brake assembly can be installed. Request STC-SA11RM-1.5 when you purchase the conversion kit and we will include it free of charge. Not applicable on J-4 and J-5.

- For use with 1 1/2" straight axles only
- For use with 6.00 x 6 and 7.00 x 6 tires only
- This dual piston brake is designed for superior performance
- This kit may require the purchase of axle spacers for proper installation, depending on application. Axle spacers sold separately.
- Must have STC approval

Cleveland Heavy-Duty Conversion Kit
 (Includes 2 each: wheels, brakes) 199-23100**\$3,711.33**

Approval only for 1 1/2" axles as used with
 Heavy-Duty Cleveland Wheels and Brakes

For J-3, PA-11 and PA-18 STC-SA11RM-1.5J **\$138.51**
 For PA-12, PA-14, PA-16 and PA-20 STC-SA11RM-1.5P **\$138.51**

We Accept:



Order online or by phone.

Cleveland Disc Brake Conversion Kit

- Applicability: PA-22 Tri-Pacer

These wheels and single puck disc brakes are the same as used on the PA-22-108 Colt. It is a straight bolt-on replacement for the original Cleveland/Van Sickle drum and shoe type brakes. No modification to axle. No axle spacers.



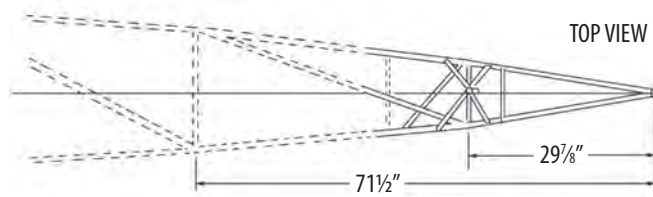
STC-SA91AL will be supplied at no charge when the kit is purchased. The STC may also be purchased separately (serial number required for STC issuance).

Cleveland PA-22 Brake Kit 199-27600 **\$8,635.91**
 STC (when purchased separately) STC-SA91AL **\$93.78**

Tail Repair Sections

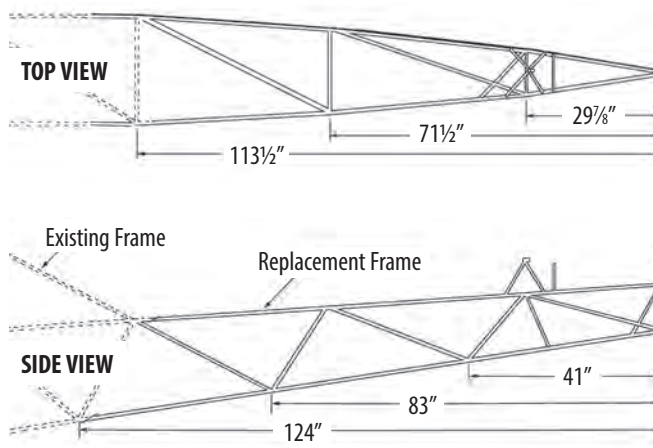
J-3, PA-11 Short Tail Repair Section

Our jig-welded 4130 steel repair assemblies includes tail post, bottom rudder hinges, stabilizer rear brackets, tail spring and brace tube attach fittings, jackscrew tower, and top and bottom longeron stub tubes. Kit includes splice tubes, STC and instructions.



J-3, PA-11 Short Tail Repair Section SA00002DE-02 **\$4,217.13**

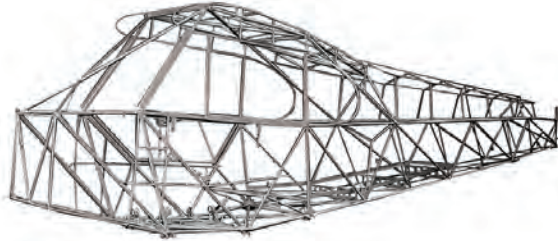
J-3, PA-11 Long Tail Repair Section



J-3, PA-11 Long Tail Repair Section SA00002DE-01 **\$5,648.28**

Piper Frames

J-3, PA-11, and PA-18 Frames – Standard Features



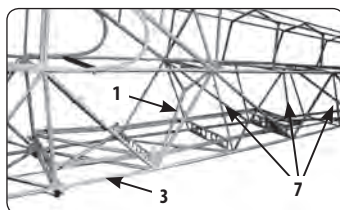
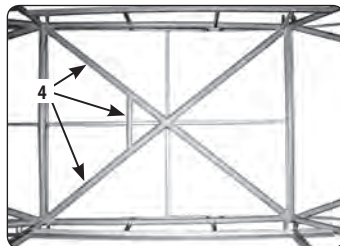
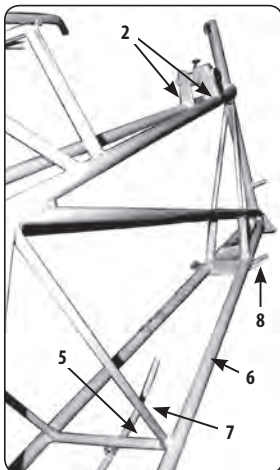
- Frames are built-to-order – please allow 2-3 months for delivery
- Crate cost CR3 will be added to shipping costs, see page 308 for details
- STC approved
- Sandblasted and epoxy primed
- Upper and lower doors included
- Heavy-duty tailwheel support is internally bushed
- Longerons are internally oiled and sealed
- All 4130 tube construction

J-3 Cub • STC SA00029DE	R24096-000	\$19,523.90
PA-11 Cub Special • STC SA00343DE.....	R10560-000	\$20,820.49
PA-18 Super Cub • STC SA4095NM	J12446-006	\$19,522.56
PA-18 Super Cub • STC SA4095NM (same as above but includes tabs for metal belly skins)	J12446-007	\$21,542.84

Univair PA-18 Frame – Alaskan Features

In addition to the standard features listed above, Univair PA-18 frames include the following STC approved features:

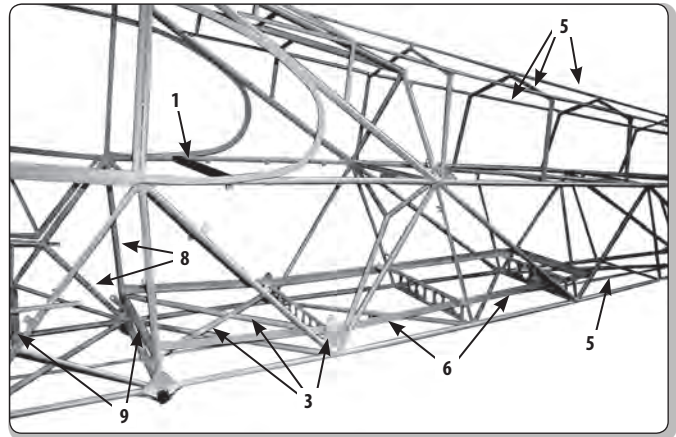
- 1) PA-18 includes inverted “dog leg” brace behind baggage compartment
- 2) Internally sleeved upper longeron under horizontal stabilizer mount
- 3) Heavy-duty .049” lower longeron in cabin aft to “factory” splice
- 4) Top cabin “X” brace
- 5) Additional tail section bracing
- 6) Extended internal sleeve in lower longeron up to the first longeron brace
- 7) Addition of small longeron brace tubes in each bay aft of cabin
- 8) STC approved tail brace wire attachment eliminates AD
- 9) “X” braced tail



PA-18 Frame Options

STC APPROVED

- The options below cannot be purchased without the purchase of a frame
- Special order tabs or modifications i.e. for panels, cargo pods and inspection covers will apply



1) Removable Rear Seat Cross-Member	F1400-00	\$283.57
2) Shoulder Harness Attach Points (Not Shown)	F1400-01	\$557.99
3) Reinforced Baggage Floor and Tie Down Points.....	F1400-02	\$475.67
5) Tubular Keel and Stringers 3/8", Welded In.....	F1400-04	\$585.43
5) Tubular Keel and Stringers 1/2", Welded In	F1400-05	\$585.43
6) Extended Cabin Sleeping Compartment Channels and Supports (Structures Only Approved)	F1400-06	\$384.19
7) Front Seat Belt Attach Points to Frame (Not Shown) ...	F1400-07	\$265.28
8) Heavy-Duty Welded Float Fittings (F. Atlee Dodge)	F1400-08	\$1,042.81
9) Rear Seat Cross Tube without Spring Holes.....	F1400-29	No charge
10) Extra Handholds on Longerons	F1400-28	\$40.25
11) Custom Window Frames for L-21	F1400-22	\$1,143.43
12) Water Rudder Cable Tabs.....	F1400-24	\$49.40

PA-18 Modifications

STC APPROVED

These modification kits can be purchased without the purchase of a frame.

Shoulder Harness Anchor Kit provides weld on attach points for both front and rear seat.....STC-SA00248DE **\$292.25**

Upper Cabin X Brace provides extra strength and protection. STC includes paperwork and weld-on X brace.....STC-SA00083DE **\$181.13**

Univair parts have been
made in the USA since 1946

Piper PA-12 Super Cruiser Frame



- This frame is built-to-order – please allow 6-8 weeks for delivery
- Can be customized to your needs with the options listed below

This is built similar to the later version of the Piper print for the PA-12; the main difference is the windshield attach point. This frame is for a square-top windshield. There is also some difference in the doors and door channels, and in the rear seat area from earlier 1947 models.

Standard upgrades included in base frame:

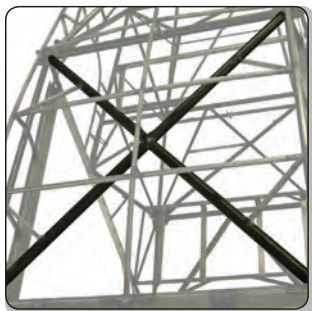
- X-brace in upper cabin
- Heavy duty tailspring attach tube
- Heavy duty tail brace wire attach
- All 4130 tube construction (door not included)
- Rear baggage diagonal replaced with inverted dog leg

PA-12 Frame and Superstructure U24066-000 **\$24,644.66**

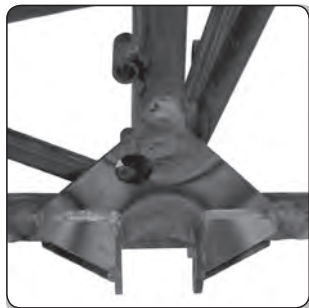
STANDARD UPGRADES INCLUDED:



Inverted Dog Leg



X Brace



Float Fitting

PA-12 Frame Options

STC APPROVED

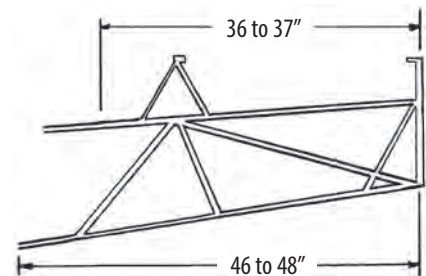
- For PA-12 frame U24066-000
- These options cannot be sold without the purchase of a frame

PA-18 Style Elevator Cable Routing (Separate Third-Party STC Required).....	F1401-00	\$164.22
PA-18 Landing Gear Attach (Separate Third-Party STC Required).....	F1401-02	\$246.32
Floor Mount Seat Belt Attach Points (Field Approval or Separate F. A. Dodge STC Required)	F1401-04	\$265.27
Left Tube From Wing Fitting To Gear Fitting, Seaplane Brace	F1401-06	\$180.64
PA-14 Style Double Wishbone Over Baggage Area (Separate F. A. Dodge STC Required).....	F1401-07	\$197.06
Float Fittings and Water Rudder Cable Tabs (Separate F. A. Dodge STC Required).....	F1401-08	\$1,042.77
Tubular Top Stringers (not gross weight increase).....	F1401-09	\$599.39
PA-18 Style Trim Installation (Field Approval).....	F1401-10	\$95.00
PA-18 Style Front Seat Installation (Separate F. A. Dodge STC Required).....	F1401-12	\$739.96

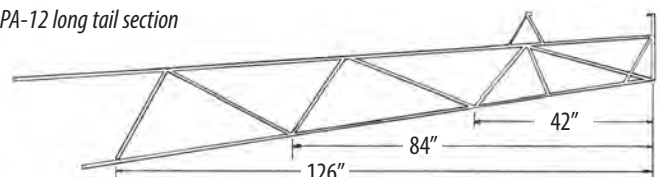
PA-12 Service Assemblies

PA-12 Long Tail Section.....	DA24056-200	\$6,370.95
PA-12 Short Tail Section (Forward of Aft Jackscrew Tower)	DA24056-201	\$3,985.83
Jackscrew Tower.....	DA24056-202	\$518.81
Turtle Deck Arches.....	DA21703-SET	\$821.08
Top Deck.....	U24066-003	\$2,791.25

PA-12 short tail section



PA-12 long tail section



Piper Blank Skins

LEADING, TRAILING EDGES AND FALSE SPARS

Description	Length	Part Based On	Part Number	Price
Wing Leading Edge, Inboard (with Tank) PA-18 and PA-22 Style	31.5"	10630.....	CSI-1018.....	\$137.36
False Spar, PA-18 Style Outboard Flap Bay	65"	11670.....	CSI-1019-065.....	\$65.25
False Spar, PA-18 Style Outboard Flap Bay	96"	11670.....	CSI-1019-096.....	\$73.49
Trailing Edge, Flap and Aileron.....	72"	11684.....	CSI-1020-072.....	\$91.88
Fairing, PA-18 Style Flap Gap Seal.....	68"	12795.....	CSI-1023-068.....	\$62.32
Leading Edge, Outboard Section, J-3, PA-11, PA-18 and PA-22.....	48"	13072.....	CSI-1024.....	\$93.92
Wing Leading Edge, Center Inboard, PA-18 Style.....	34"	14387.....	CSI-1026.....	\$122.40
Wing Leading Edge, Center Outboard, PA-18 Style	60"	14389.....	CSI-1027-060.....	\$171.43
Wing Leading Edge, Center Outboard, PA-18 Style	72"	14389.....	CSI-1027-072.....	\$193.23
False Spar, PA-18 Style Aileron Bay	60"	15572.....	CSI-1029-060.....	\$64.05
False Spar, PA-18 Style Aileron Bay	96"	15572.....	CSI-1029-096.....	\$89.25
Trailing Edge, Wing (J-3, PA-11, PA-18-195) Flap and Aileron	96"	15593.....	CSI-1020-096.....	\$118.46
False Spar, PA-12/14 Style Aileron Bay.....	60"	16512.....	CSI-1030.....	\$89.75
Aileron Leading Edge, PA-12/14 Style.....	108"	40401.....	CSI-1031-108.....	\$139.28
Aileron Leading Edge, PA-18 Style	60"	40471.....	CSI-1032-060.....	\$58.17
Pulley Cover (Teardrop), Aluminum	—	60752.....	CSI-1033.....	\$51.19
Rear Window Channel Material, J-3, PA-11, PA-18, PA-22 Style	96"	10058-000	CSI-1013-096.....	\$75.53
Wing Leading Edge, PA-12/14 Style, 5052-H34 Aluminum, .020" thick.....	36 ⁵ / ₈ "	10116-002	CSI-1014.....	\$177.61
Wing Leading Edge, PA-12/14 Style, 5052-H34 Aluminum, .020" thick.....	72"	10116-004	CSI-1015.....	\$111.58
Wing Leading Edge, PA-12/14 Style, 5052-H34 Aluminum, .020" thick.....	63 ⁷ / ₈ "	10116-006	CSI-1016.....	\$97.95
Leading Edge, J-4 and J-5 Style	72"	12192-004	CSI-1021.....	\$159.06
Leading Edge, J-4 and J-5 Style	49"	12192-005	CSI-1022.....	\$151.48
Flap Spar, PA-22	52"	12478-000	U12478-000.....	\$39.18
Flap Spar, PA-18	62.5"	12478-002	U12478-002.....	\$67.26
Aileron Spar, J-3, PA-11, PA-18	102.13"	42972-000	U42972-000.....	\$96.89

SPAR AND STRINGER BLANKS

NOTE: All spar and stringer blanks must be shipped via motor freight.

Description	Length	Part Based On	Part Number	Price
Rear Spar Blank, Aluminum.....	195"	N/A.....	1023	\$226.48
Front Spar Blank, Aluminum.....	204"	N/A.....	1334	\$346.12
Large Stringer Blank, Aluminum (0.890" x 0.380")	162"	14978.....	1232-162.....	\$71.82
Small Stringer Blank, Aluminum (0.508" x 0.250")	157"	14979.....	1231-157.....	\$35.91
Large Stringer Blank, Aluminum (0.890" x 0.380")	120"	14983.....	1232-120.....	\$58.54
Large Stringer Blank, Aluminum (0.890" x 0.380")	120"	14984.....	1232-120.....	\$58.54

NOTES