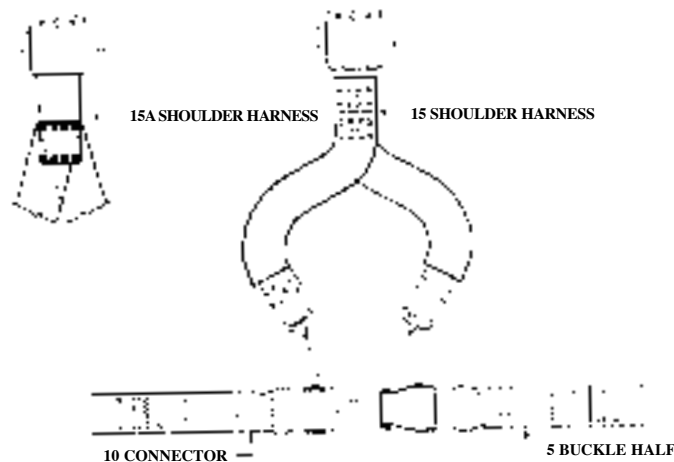


MISCELLANEOUS

AMSAFE RESTRAINT SYSTEMS



The *AMSAFE* Restraint System is intended for use by the flight-crew. The system is specially designed to restrain a human body (seat occupant) during take-off, flight and landings. The lap belts can be used separately or with the shoulder harness.

The inertia reel bolts onto the seat or airframe. The lap belts are attached to the seat or airframe with sewn-in end-fittings. These items are manufactured to conform to FAA-TSO-C114 for multi-point torso restraints. A FAA-337 form is required for installation. Note the installation has been made and retain this information with the aircraft's logs. The product approval basis would be TSO-C114. There is no need to seek a Field Approval.

Shoulder Harness & Inertia Reel

The shoulder harness consists of a strap fitted with an inertia reel at one end and adapters at the other. The inertia reel performs length adjustment by reeling the strap in or out to allow the upper part of the body freedom of movement. Sewn to the other end of the straps are the adapters, which are placed between the buckle and the connector. The connector slides thru the slots of the adapters and into the buckle. For identification purposes the inertia reel is fitted with an equipment identification decal.

When the Restraint System is in use, the inertia reel allows unrestricted movement within the seat. The reel extends and retracts the shoulder harness as required. If a sudden acceleration force is applied to the shoulder harness, the inertia reel and shoulder strap will automatically lock. The occupant in the seat is held by the shoulder harness. When the shoulder harness is relieved of the force, the locking action of the inertia reel is released and unrestricted movement within the seat is once again permitted.

- Shoulder Harness Assembly - Automatic Inertia Reel
- Locking Acceleration - .75-1.5g
- Maximum Length - 81.5 in (207.01 cm)
- Webbing - Polyester
- Lap Belt Assembly Maximum Length - 76.0 in (192.0 cm)
- Rated Strength (minimum) - 3000 lbs. (1360.8 kg)

P/N Front 4022-1-061-2396

P/N Rear 4022-1-4151-2396

Price Code 150

All items on this page are Price Code 150 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

OXYGEN FITTINGS AND COUPLINGS

Dual Manifold Assembly



Provides a means of connecting two masks to a single outlet..

Manifold Assembly.....8830-10

Therapeutic Coupling



Special high flow, 7.51 pm plug-in for therapeutic applications.

Therapeutic Coupling.....8586

Flow Indicator



Gives visual reference of oxygen flow through supply line.

Flow indicator.....8540

Headset J-Hooks

Made to attach to the steel tubing of your aircraft. Place it where you want it. Available to clamp on either 3/4" or 7/8" tubing.



3/4" J-Hook.....HANGER-3/4

7/8" J-Hook.....HANGER-7/8



Model 70820 Series Map Lights

The model 70820 Series are LED (Light Emitting Diode) interior map/reading light assemblies. They are designed for cabin, or cockpit illumination. It has a 360° swivel base, allowing for infinite light angle adjustment. Utilizing LED technology, the following advantages are offered:

Long Life (approx. 20,000 hours); Reduced Power Consumption (compared to alternative light sources) and Shock & Vibration Resistant.

Specifications:

Current Draw:

0.02 amps @ 14 VDC

0.02 amps @ 28 VDC

Weight:

0.19 lbs.

Part Number	Description
01-0770820-01	14 V Map light natural aluminum finish - white
01-0770820-02	14 V Map light black anodized finish - white
01-0770820-04	14 V Map light black anodized finish - red
28 Volt versions of the above lights are available.	

MISCELLANEOUS

Instruments and Gauges

Oil Pressure Gauge



The Scott Model RN-2550 is an accurate but low-priced automotive type instrument for light aircraft. It is designed to fit panel holes from 2-1/16-inch diameter to 2-1/8-inch diameter. It has a 1/8" NPT thread, flared tube fitting connection. Range: 0 to 120 psi.

Part Number...(RN2250).....13343-01

Univair Thermometer

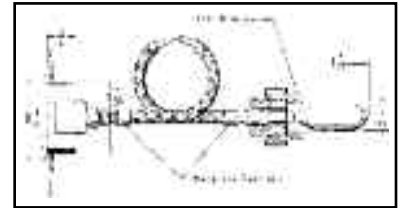
U2716A has both Centigrade and Fahrenheit dial graduations. It can be installed through plexiglass windshield or cowling on most aircraft or through the center strip in the windshield.

Part Number.....U2716A



Oil Temperature Gauge

The Scott oil temperature gauge is a quality built instrument of proven dependability. It is furnished with all parts and fittings necessary for installation. Case and bezel dimensions are the same as Scott's oil pressure gauge. Two washers—part number 2677—are available to adapt each instrument to panel holes from 2-1/8-inch diameter to 2-3/4-inch diameter.



Characteristics:

Range: 100 to 250

For Panel Holes: 2-1/16-inch diameter to 2-1/8-inch diameter

Capillary Tube: 5 feet long with gasket and adapter to fit 5/8-18 female thread

Part Number.....(RN2100)13340

Adapter Washer.....2677

Price Code 635



Oil Pressure Gauge

Deluxe gauge; 0-100 lbs., 2-1/16-inch diameter case; mounting bracket and instructions.

Part Number82323

Oil Temperature Gauge

140 degrees to 325 degrees F. 2-1/16-inch diameter case; mounting brackets, instructions, 1/2-inch adapter nut, and 72-inch length of tubing.

Part Number.....82327-72



Deluxe Ammeter

30-0-30 amps, 2-1/16-inch diameter case; mounting bracket and instructions (lighted)

Part Number82310



Standard Ammeters

30-0-30 amps, 2-1/16-in. diam. case; mounting bracket and instructions (unlighted)

Part Number.....82200

60-0-60 amps, 2-1/16-in. diam. case; mounting bracket and instructions

Part Number.....82311



Fuel Pressure Gauges

0-10 lbs., 2-1/16-inch diameter case; mounting bracket and instructions.

Part Number82319

0-30 lbs., 2-1/16-inch diameter case; mounting bracket and instructions.

Part Number82320

Fuel Level Gauge

2-1/16-inch case; mounting bracket and instructions Part Number.....82303



Fuel Level Sender

12-volt sender for use in 6- and 12-inch deep tanks. **Should be used with Stewart-Warner Fuel Level Gauge.**

Left Hand ArmF-385-B

Right Hand Arm.....F-385-C

Price Code 645

MISCELLANEOUS

INSTRUMENTS



Turn-and-Bank Vacuum
Operates on 2 inches of mercury (suction) from engine intake manifold, venturi or vacuum pump. Fits standard 3-1/8-inch panel cutout.

Overhauled AN5820.....AG1070
Filter for Turn-and-Bank.....PB16051

Flap Position Indicator

Electric (instrument only)
2-1/8-inch diameter
AC Part Number 1518380



Part NumberAG1045

Hobbs Engine Hour Meter

Record engine time electrically from solenoid installed in oil line. Operates only when engine is running. 2-1/8-inch diameter. All items new.

Hour MeterM5611-15
Pressure Switch ..76575-04-NO



Artificial Horizon For 3-1/8-inch Panel Opening

A must for instrument flying! Shows attitude of aircraft. Used in conjunction with vacuum pump or 4-inch venturi. Reconditioned and guaranteed

Part NumberAG1305



Rate of Climb Gauge

(2,000 F.P.M.)



Part Number.....AG2003

Manifold Pressure/Fuel Pressure Gauge



Include with order the specific make and model engine for the application so the instrument may be properly marked and calibrated.

Part NumberAG1055

Tachometer Cables

Specify make and model of tachometer installed in your plane and whether it is recording or non-recording type.



Tachometer Cable Chart			
Application	Assy. Length	Recording Tach Shaft	Non-Recording Tach Shaft
Swift, PA-18	25"	U1713-R250	TACH-25NR
Swift, PA-18	28"	U1713-R280	TACH-28NR
Aeronca 7AC, 11AC	30"	U1713-R300	TACH-30NR
	31"	TACH-31	U1713-N310
C-120,140,170,Piper J-3 PA-12,18,20,22, Meyers, Taylorcraft BC12D	33"	TACH-33	TACH-33NR
	34"	TACH-34	U1713-N340
	35"	U1713-R350	TACH-35NR
PA-24, Stinson 108 Series	36"	TACH-36	TACH-36NR
Aeronca 15AC, Bonanza, Ercoupe	38"	TACH-38	TACH-38NR
	40"		TACH-40NR
	43"	TACH-43	TACH-43NR
Funk	50"	TACH-50	TACH-50NR
Bellanca	54"	TACH-54	TACH-54NR
Popular Sizes:	60"	TACH-60	TACH-60NR
	72"	TACH-72	—
PA-25	147"	TACH-147	—

Aerometer

FAA/PMA Approved



What is Aerometer?

Aerometer is an FAA/PMA Approved device that electrically activates an existing hourmeter when the forward motion of the aircraft exceeds 27 mph IAS.

What is Aircraft Time In Service?

As defined by FAR Part 1, "Time In Service, with respect to maintenance time records, means the time from the moment an aircraft leaves the surface of the earth until it touches at the next point of landing".

Why track Aircraft Time In Service?

Aerometer accurately tracks Aircraft Time In Service, not time spent taxiing, warming up, or waiting for clearances. By accurately tracking Aircraft Time In Service, you are guaranteed:

- To produce more revenue flight hours between 100 hour inspections.
- To generate more revenue hours between mandatory engine and prop TBOs.
- To extend the revenue generating period for life limited components.

Who should use Aerometer?

Any light aircraft can benefit from Aerometer! Charter operations and flight schools who customarily bill from the flight hour recorder can still take advantage of Aerometer. Simply install a second hourmeter to track Time In Service in conjunction with Aerometer.

Is it easy to install?

Aerometer comes complete in kit form and can be installed in most aircraft in under 2 hours. Installation of this device requires no structural or sheet metal modification.

The Aerometer is available in comprehensive kit form with all the necessary components as well as STC paperwork and complete installation.

Kit for single engine Cessna Aircraft

Part NumberAEROMETER-CES

Kit for single engine Piper Aircraft

Part NumberAEROMETER-PIP



MISCELLANEOUS

Windsocks



These windsocks are high-visibility orange and manufactured of long-life polyester fabric that is treated to resist the effects of wind and weather. All seams are double stitched with polyester thread for strength. The windsock throat is reinforced and has solid brass grommets for easy attachment and corrosion resistance. A fastening cord is included with each windsock.

Windsock Frames

These very popular frames are constructed of welded steel for strength and durability. They have 2 ball bearings for easy swiveling and are painted for corrosion resistance. The frame is mounted to a 1 inch diameter support pipe threaded to fit a 3/4-inch size pipe or conduit.

DESCRIPTION	PART NO.
18" x 90' Bright Orange Windsock	185304
24" x 95' Bright Orange Windsock	201895
28" x 84' Bright Orange Windsock	185314
18" Standard Windsock Frame	211836
24" Standard Windsock Frame	158725
28" Standard Windsock Frame	211864

PC 799

Miniature Windsock

A **MUST** for every aviator and every aspiring aviator!

Miniature Windsock
Weathervane
..... A-030
Miniature
Replacement Socks
..... A-035



PC 526

Automatic Pitot Protectors



Open at a speed substantially below stall speed and close upon landing.

Model 1 for lines 3/16 inch
and 1/4 inch AG1001
Model 2 for lines 3/8 inch
and 1/2 inch AG1002

PC 635



2-inch Venturi shown

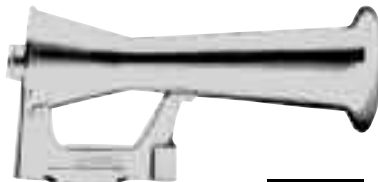
PC 635

Venturi

For use on airplanes without engine-driven vacuum system. 4-inch venturi will supply vacuum for one directional gyro or one artificial horizon; 2-inch venturi will supply a turn-and-bank.

2-inch Venturi:..... 2"- VENTURI
4-inch Venturi:..... 4"- VENTURI

Super Venturi



PC 635

9-inch Super Venturi

Will provide vacuum for full gyro panel.
Can be used with pneumatic auto-pilot.
Requires a vacuum regulator.

Part Number..... 9"- VENTURI
Venturi Gasket, 1/8-inch thick.....2200

Snap Vents

Transparent, adjustable ventilators that provide fresh air intake, exhaust, or no draft. Easily installed and available in two sizes: large and small.



PC 610

1 pair, small (For 2-inch diameter hole)A2-100
1 pair, large (pictured at left)
(For 3-1/4-in. diameter hole)CC3251
Cutting Tool (for A2-100 only)A2-100-T

Airborne Vacuum Regulating Valve



Part Number 2H3-2

PC 280

Piper Starter Solenoid FAA/PMA Approved



(With 5/16" Terminals)

Starter Solenoid*U487-149

*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.

PC 150

Solenoids



- Single pole
- Normally open
- Used on all 108 Stinsons as Master Solenoid (70-918)..... **PC 180**.....70-111226-5
- Double pole
- Normally open
- Used on Swifts

Part Number..... **PC 625**..... 70-902

Thermocouple



- 6-inch length
- Copper constantine
- Type B terminals

Gasket Type 14MM..... AG1102

PC 635

MISCELLANEOUS

Airpath Compasses



C-2400C



C-2350L4I



C-2300L4



C-2400L4VT

APPLICATION	AIRPATH MODEL NO.	OEM PART NO.	REMARKS
Aero Commander 1955 thru 1959 Aero Commander 1959 thru 1961 Aero Commander after 1961 Aero Commander (24 Volt) Red Lighted	C-2400L4VT-1A C-2400L4VT-1A C-2400L4VT-1A C-2400L4VT-1A		C-2400 L4VT-1A Replaces C-2400 L4VF C-2400 L4VT-1A Replaces C-2400 L4VF
Beech 35 after 1955	C-2400L4VT-35-50		Deviation Card Holder Permanently mounted on Compass Face 12-Volt- Removable Card and Compensator Adjustment Screw Cover-Add (-B) for White Lighting
Beech 50	C2400L4VT-35-50 C2400L4VF-35-50 C2400L4VT-35-50		Matte white Dial Finish Same as Beech 35 Same as Beech 35
Bellanca Champ Bellanca Decathalon Bellanca Viking Bell Helicopter (24 Volt) Red Lighted	C-2300 C-2350L4M-23B C-2400-L4P C-2300-DL4		C-2300-DL4 Replaces C-2300DL
Cessna 120, 140, 170 Cessna 172 from, 1957 thru March 1969 Cessna 172, 180, 182 before 1957 Cessna 182 (1957 thru 1965) Cessna 182 after 1965 (12 Volt)	C-2300 C-2300-L4I C-2300-DL4 C-2350-L4I C-2200-L4	0713068-2 0411008-2	C-2300-DL4 Replaces C-2300DL Cessna P/N 0713068-1 No Mounting Ears-Fits Cessna Bonded Bracket & Holder
Cessna 182 after 1965 (24 Volt) Cessna 310 from Oct. 1957 thru Dec. 1960	C-2200-L4 C2400L4VW310RG	C660501-0102 0813611-2	C-2400-L4VW-310-RG Replaces L4VF-310-RG
Huges Helicopter (12 Volt) Luscombe Mooney Mark 20 & 20A	C-2300-L4I C-2300 C-2350DL4-VFN	269A 4604-B	Detachable Bracket; 2 Lower Mounting Ears Removed for Visibility
Navion, Single Engine Piper Apache after July 1957 Piper Cherokee (after Jan. 1961) Piper Commanche before April 1960 Piper Commanche After April 1960	C-2300 C-2400-L4VT C-2350-L4I C-2400-L4P(6 deg.) C-2350L4M23-12V	450-714 450-712 450-739	Modified to 13 deg. tilt for Luscombe Sedan 2 lower Mounting Ears Removed for Visibility C-2400-L4P Replaces C-2400-LP
Piper Pacer Piper PA-18 Travelaire (24 Volt)	C-2400-L4P C-2300 C-2400-L4VT-95	450-628	Shock Mounted Overhead Type Bracket-Removable Combination Card and Compensator Adjustment Screw Cover AN Type Compensator; Metallic Bellows Expansion Units; Specify 12 or 24 Volt

Airpath Compass Parts

Description	Part Number
Diaphragm.....	C21-100
Deviation Card Holder.....	C23-805
Deviation Card Window	C23-806
Deviation Card	C23-807
Jewel Post.....	CB21-232
Lens for all	CB21-913X
Bezel Sealing Gasket	CB21-914H
Bezel Spacer Gasket	CB21-915G

Miscellaneous Accessories

Compass Correction Card, bristol board; 6-1/4 inches wide by 4-3/4 inches high.

Part Number **PC 580**AN5823-1

Compass Fluid (Mineral Spirits), sold in quarts

Part Number **PC 310**PR10031

All items on this page are Price Code 635 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

MISCELLANEOUS

Fuel Valves



1



2

1. Miniature Globe Valve for use as stop cock or drain cock. Fits 1/8 inch on large end; complete with 3-3/4-inch handle.
Part Number **PC 560** ... FV2002
2. This valve has positive stop on or off position. Kohler Plug Valve K71 or 1/4" tube fittings.
Part Number **PC 560** ... FV2004

Fuel Tank Accessories



1



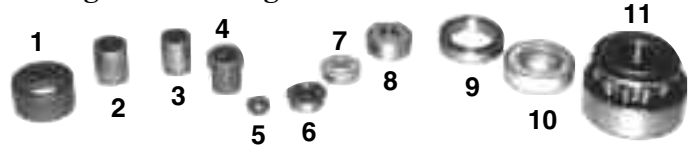
2



3

1. Gas filler neck and sleeve. These filler necks and sleeves are brass and were designed to be soldered to a template tank, but could be adapted to almost any tank by soldering a ring to the sleeve and riveting this to your tank. **PC 120** .. 415-48033-1
2. Finger strainer to be used in the fuel tank outlet. This little strainer measures 3/8 inch in diameter and 1-7/8 inches long. It has brass end fittings that measure 5/16 inch in outside diameter up to the collar, which has a 7/16-inch outside diameter. .. **PC 120** .. 415-48081-1
3. Gas Cap Gaskets. These are leather gas cap gaskets that measure 2-1/4 inches outside diameter by 1-1/2 inches inside diameter by 3/32 inch thick. **PC 299** 415-13423

Bearings and Bushings



- 1 This is an oil porous oilite bushing with 1-1/8-inch outside diameter, 7/8-inch inside diameter, and 9/16-inch length. It is ideal for supporting torque tubes used in control systems, etc. **13424**
- 2 This straight oilite bushing has 5/8-inch outside diameter, 1/2-inch inside diameter, and 3/4-inch length. **13426**
- 3 This straight brass bushing has 9/16-inch outside diameter, 7/16-inch inside diameter, and 3/4-inch length. **13427**
- 4 This flanged oilite bushing has .563-inch outside diameter, .435-inch inside diameter, and 3/4-inch length. The flange measures 11/16 inch across. This bushing provides two bearing surfaces: the inside for a shaft and the face for a flange. **13425**
- 5 This small, flanged oilite bushing has 29/64-inch outside diameter, 1/4-inch inside diameter and .173 length. **13428**
- 6 This small, flanged ball bearing is manufactured by Nice Ball Bearing Co. Its outside diameter measures .691 inches, except the flange which has a 3/4-inch O.D., 1/4-inch I.D., and 1/4-inch thickness. **13429**
- 7 This sealed ball bearing No. K4A is manufactured by Nice Ball Bearing Company. It has an outside diameter of 3/4 inch, an inside diameter of 1/4 inch, and a thickness of .276 inch. **PC 590** .. **MS27641-4G**
- 8 This sealed heavy duty ball bearing measures .9 inch outside diameter by 1/4 inch inside diameter by .48 inch thick. **13431**
- 9 This thin-walled open ball bearing No. A540 is manufactured by Fafner Bearing Company. It measures 1.337 inches outside diameter, 7/8 inch inside diameter, and 9/32-inch thickness. **FA540**
- 10 This sealed ball bearing No. K10A is manufactured by Schatz and has a 1-3/8-inch outside diameter, 5/8-inch inside diameter, and .4-inch thickness. **PC 580** .. **AN201-K10A**
- 11 Open roller bearings, heavy duty wheel bearing type manufactured by Bower; bearing cup and bearing cone; 1-15/16-inch outside diameter, 5/8-inch inside diameter, and .85-inch thickness.
Bearing Cup **BT09194**
Bearing Cone **BT09062**

PC 570

Rod End and Control Bearings



Mfg. PN	Thread	Bore	Type	Shank	Part No.
TR3	10-32	3/16	female		
TR3					
TR4	1/4-28	1/4	female		PC 570 .. TR4
TR6	3/8-28	3/8	female		TR6
TR8	1/2-20	1/2	female		TR8
TRE3	10-32	3/16	male		TRE3
TRE4	1/4-28	1/4	male		TRE4
TRE6	3/8-24	3/8	male		TRE6
TRE8	1/2-20	1/2	male		TRE8
GMM-3M-670	3/8-24	3/16	male		GMM-3M-670
F34-14	1/4-28	3/16	female		PC 150 .. U452-335
M34-14	1/4-28	3/16	male		PC 150 .. U452-357

MISCELLANEOUS

Special Lubricants for All Your Lube Needs



Low-temperature, low-volatility aircraft lubricating grease, AN specification No. G-25AMI. This grease is intended for use in bearings, gears and on sliding and rolling surfaces, such as aircraft control systems, radar gears and cameras. It is particularly suitable for equipment that must operate at very low as well as high temperatures. Packed in 8-ounce metal tubes.....**ANG-25AMI**

Elco plug valve lubricant for all gas services; natural and manufactured for light petroleum hydrocarbon condensate's and water condensate's, butane, propane service. Made especially for high pressure service where the operating temperature stays between 25° and +385° F. Priced per stick.....**485G**

Gear and Actuator Screw Grease**G354**

Low temperature grease Mil. Spec. No. 7421A. Ideal for tachometer and speedometer cable lubricant, as it does not set up at low temperatures. Packed in 1-pound can.....**G352**

VAL OIL. Sold in quarts for sealing purposes inside fuselage structures and struts.**100**

Hydraulic Fluid (red), Mil. Spec. No. 5606A. For use in brake systems and landing gear cylinders.

1 quart**H5606A-QT**
1 gallon.....**H5606A**

PC 558

Piano Hinge



Steel hinge is 1-3/32 inches wide by 35-7/8 inches long.

Part Number **MS35821-8-35.88**

Aluminum hinge is 1-1/2 inches wide by 33-1/4 inches long.

Part Number **MS20257-4-33.25**

Aluminum hinge is 1-1/2 inches wide by 72 inches long.

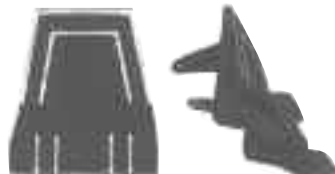
Part Number **MS20257-4-7200**

Hinges are priced complete (2 halves with pin).

Half hinges are available. Write or call 1-303-375-8882 for details.

PC 590

Rudder Pedal



Part Number**A-1260**

PC 150

Piper Rib Repair Sections

Applicable to Piper
Truss Type Ribs
(FAA/PMA) Approved



1. Rib Cap Repair Splice Strip
(1 foot section)U16651-004
2. Diagonal Brace
Repair Section (18 in. long)U750-287-18

PC 150

Steel "U" Channels (in 6-foot lengths)

- 1/4 inch Channel (1/4 X 1/4) (750-284)X141472
- 3/8 inch Channel (3/8 X 3/8) standard 24 gaugeU750-285
- 3/8 inch Channel (3/8 X 3/8) heavy duty 20 gaugeU750-285HD
- 1/2 inch Channel (1/2 X 1/2)X121272
- 3/4 inch Channel (3/4 X 1/2)X341272
- 5/8 inch Channel (5/8 X 1/2)X581272

PC 150

Military Surplus Seat Belt 3 Inches Wide, Heavy Duty



- Nylon44G5437
- Cotton44G5437S

PC 699

Univair also stocks MIL-H-6000 hose, priced per foot.

<i>Inside Diameter</i>	<i>Part Number</i>
1/4 inch	MIL6000-4
5/16 inch	MIL6000-5
3/8 inch.....	MIL6000-6
1/2 inch.....	MIL6000-8
5/8 inch	MIL6000-10
3/4 inch	MIL6000-12
1 inch.....	MIL6000-16
1-1/4 inch	MIL6000-20



Strut Barrel (For strut blanks, see the Raw Materials section.)

3/4-inch diameter by 2-inch threaded barrel, as used in the wing lift strut.

Part Number**PC 150**.... U1031-04

Univair's Strut Barrel U1031-04 is ready for welding, but must have the threads chased with a number 7/16-20 NF-HS-GH1 tap or thread chaser of the same size AFTER being welded into the strut. DO NOT attempt to screw the threaded strut fork in the barrel before the welding and chasing is completed. Threads in the barrel may be checked after chasing with a GO-NO GO gauge from the Van Keuren Company.

All items on this page are Price Code 740 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

MISCELLANEOUS

DRAIN VALVES

SAF-AIR Quick Drain Valves



Model CAV-110

For Cessna 310 tip tanks, Mooney Mark 20 and 20A; all Ercoupe models, Bellanca, Taylorcraft Model B, Stinson 108, 108-1, 108-2, 108-3; Voyager Model 10 and 10A, Navion, Waco VK series and UPF, Sea Bee, and all aircraft with 1/8 NPT fuel outlets. Fits all standard gascolators.

Model CAV-160

For Piper models J-3, J-4, PA-11, -12, -14, -15, -16, -17, -18, -20, -22, -23, -25; Apache, Champion, Aeronca, Cessna T-50 and earlier 120 and 140 models, Beechcraft AT-11 and C-18S, and all aircraft with 1/4 NPT fuel outlets.

Model CAV-170

For all Cessna late 140A models, 150, 170, 170A, 170B, 172 and 175, and all aircraft with 7/16-inch-20 threaded fuel outlets.

Model CAV-180

For Cessna 180, 182, 190, 195, 205, 210, 310, 310A, 310B, 310C, and 336, and all aircraft with 3/8-inch-24 threaded fuel outlets.

CAV-100H-4, CAV-160H-4, CAV-170H-4, CAV-180H-4

All four models come with 1/4" hose end.

Part Number	Thread Size	Hose End
CAV-110	1/8 NPT	none
CAV-160	1/4 NPT	none
CAV-170	7/16-20 NF-3	none
CAV-180	3/8-24 NF-3	none
22179-000 (CAV-110H-4)	1/8 NPT	PC 150 1/4 inch
CAV-160H-4	1/4 NPT	1/4 inch
CAV-170H-4	7/16-20 NF-3	1/4 inch
CAV-180H-4	3/8-24 NF-3	1/4 inch

Replacement Seals

Tip (all models)	PC 590	MS29513-006
Seat (180)		MS29513-011
Seat (170)		MS29513-012

Curtis Drain Valves

Quick opening brass drain valves for aircraft oil or fuel systems. A slight twist opens the valve. No safety wire is needed in the closed position. FAA approved for use without safety wire. Stainless steel spring holds valve in closed position. Valve has synthetic rubber seal suitable for temperatures up to 225 degrees F.

Part Number	Thread Size	Material	Slot
CCA-1550	1/8 NPT	Brass	straight
CCA-1600	1/4 NPT	Brass	straight
CCA-1650	3/8 NPT	Brass	straight
CCA-1700	1/2 NPT	Brass	straight
CCA-4300	7/16-20 NF-3	Cad. Plate	spiral
CCA-4850	1/8 NPT	Cad. Plate	spiral



Fuel Drain Valves from MDI Aerovalve, Inc.

The F391 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, which has a large enough opening to drain fuel into the cup, not all over your arm or in your eyes on a windy day. With the F391 fuel sampler cup, checking your sumps is very simple and can usually be done in less than one minute on the average plane. You can also see water or other contaminants which are flushed from the sump.

The MDI F391 flush valve is used as original equipment by most aircraft manufacturers and has been FAA/PMA approved for replacement parts. Listed below are the part numbers of the F391 valves and the aircraft they are approved for.



Fuel Sampler Cup
Part Number F391-CUP

F391 Series Fuel Drain Valve



F391-14



F391-72



F391-187B

Valve

For Use In:

F391-14	Cessna T-50, Piper PA-11, -12, -18, -20, -22 or aircraft with 1/4-inch taper pipe fitting
F391-18	Maule aircraft M-5 (210 engine), M-5 (235 engine), M-5 (180 engine), M-5 (210-23 turbo-charged engine) or aircraft with 1/8-inch taper pipe fittings
F391-32	Cessna 180, 182, 185, 188, 206, 207 or aircraft with 3/8-inch-24 threaded fitting (Cessna part no. S2106-1)
F391-53S	Mooney M20J (201) and M20K (231) or aircraft with 7/16-inch-20 threaded fitting
F391-72	Cessna 152, 172, 180, 185, 210 or aircraft with 7/16-inch-20 threaded fitting (Cessna part number S2106-2)
F391-82	Cessna 206, 207, 210 or aircraft with 1/2-inch-20 threaded fitting (Cessna part no. S2020-2)
F391-187	Piper Arrow or aircraft with 1/8-inch-27 threaded fitting
491-806	PC 150 Piper Arrow or aircraft with 1/8-inch-27 threaded fitting

AMERI-KING CORP.

ELT EMERGENCY LOCATOR TRANSMITTER MODEL AK-450 WITH VOICE TRANSMITTING CAPABILITY



The **Ameri-King ELT AK-450** and FAA TSO'd Approved ELT Emergency Locator Transmitter, types (AF), (AP); Automatic Fixed, Automatic Portable. The ELT may be manually selected or automatically activated upon a crash and transmit the standard swept tone of 121.5 / 243.0 MHz simultaneously. In addition, the model AK-450 may be used for transmitting voice communication to Search and Rescue Team, on the Emergency frequency 121.5 / 243.0 MHz channel. Installation is extremely simple. All necessary Accessories are provided, including a High Speed No Wind Drag Antenna, a Telescopic Portable Antenna, a Remote Control Panel, Coaxial Cable and Wiring Interconnection Assemblies, and a mounting Tray. (Note: After February 2009, the COPAS-SARSAT satellite network will no longer monitor 243.0 MHz. However 121.5 MHz remains a valid Civilian distress frequency and 243.0 MHz remains the Military distress frequency.)

FEATURES:

- Uses Standard "D" Cell Alkaline Batteries.
- Complies with FAA TCSO-C91A.
- Meets FAA rule for improved satellite detection.
- Voice transmission capability.
- Positive fail-safe "G" switch.
- Small and lightweight (2lbs. 10 oz.)
- Made in the U.S.A. (Price includes batteries)
- Environmental Tested per RTCA DO-160c Env. Cat. C1AC/XXXXXXXSXXXXBXB.
- Four Years extended warranty.

Part Number.....AK-450

MISCELLANEOUS

AMERI-KING CORP.

EMERGENCY LOCATOR TRANSMITTER FOR GENERAL AVIATION AIRCRAFT

MODEL AK-451-(AF) (AP)

FAA-TSO APPROVED / TRANSMITS ON 406, 243.0 AND 121.5 MHz



The Ameri-King 451-(AF) (AP) is a FAA TSO approved, JAA, JTSO approved 406 MHz Emergency Locator Transmitter. This model is capable of being used in a fixed (mounted) position (AF) and is also portable (AP). It transmits on triple (406 Satellite / 243.0 Military / 121.5 Civilian) MHz frequencies. In 2009 the COPAS-SARSAT satellite network will no longer monitor 243.0 MHz. It will only monitor 406 MHz. Both 243.0 and 121.5 MHz are analog signals. Distress signals broadcast on 406 MHz will be digital and provide more accurate position data faster than using older analog signals.

Having triple frequencies insures your distress message reaches both NOAA Satellite Operation and US Air Force AFSR Ground Operation, Search and Rescue Teams, with 100% confidence, due to transmitting on both 243.0 MHz Military and 121.5 MHz Civilian bands. This provides for immediate ground search dispatch, greatly reducing the searching time. The choice is clear, when it comes to Safety, Fast Accurate Location, Reliability, Price and Product Support, Ameri-King AK451-(AF) (AP) series is your best choice.

FEATURES

- **Applicable to all Aircraft types.** The (AF) (AP) model serves as a fixed ELT to be mounted in your aircraft and is easily removed for portable use without tools.
- **Whip Antenna** – Good for use up to 300 Knts and Portable Hand Use
- **Ultra Long Lasting Battery**, transmitting up 70 hours at -20 deg C, at the end of 5 year useful life time. Power supplied by Lithium Battery Package, Li MnO₂ or Li SO₂ batteries or can be used with 4 D Cell Alkaline Batteries.
- **Reliable sealed G Switch**, for dependable safety.
- **Simple Installation.** Accessories include Pre-fabricated Wiring Harness Assy, Remote Control Panel, Audible Warning Horn, Coaxial Cable Assy, and Universal Mounting Tray.
- **Size** – 4.27"W X 2.95"H X 5.64"L. Weight 1 lb 14 oz.
- **Case and color:** High impact, fire resistant, waterproof, high temperature ABS plastic, safety international orange.
- **Self Test built-in.** OXCO tech for perfect grad temp stability.
- **PERF:** 5W (406.028 MHz) 50 mw (243.0/121.5 MHz)

Part Number

AK-451

MISCELLANEOUS

Deluxe Control Wheel Assembly

Bored for 7/8-inch shaft; 11 inches wide. Cast with heavy plastic covering. Applicable to Ercoupe SN 1 thru 4423. Excellent for homebuilts, snow sleds, go-carts, etc..... **PC 120**.. 52055-6



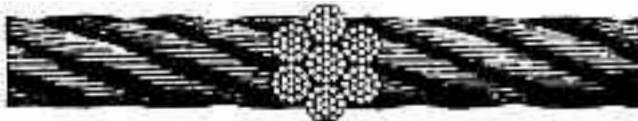
Control System Hardware

7 X 7 Flexible Control Cable



...has seven strands of seven wires each. Used for control purposes where extreme flexibility is not required, but where abrasion is a factor. Made to Specs. MIL-W-83420 (galvanized) and MIL-DTL-834208 (stainless).

7 X 19 Extra Flexible Control Cable



...has seven strands of 19 wires each. Its greater metallic area makes it stronger than 7 X 7 cable. Because of its fine wires, the best service is obtained with 7 X 19 wire where abrasion is not too severe. These same fine wires, however, make it the most flexible to meet severe bending. Made to Specifications MIL-W-1511A (galvanized) and MIL-C-5424 (stainless).

Diam. in Inches	Const.	Breaking Strength		Weight Per 100 feet	Part No.
		in Pounds			
Galvanized					
1/16	7 x 7	480		0.75	PC 485 1/16-7X7G
3/32	7 x 19	1000		1.74	3/32-7X19G
1/8	7 X 19	2000		2.90	1/8-7X19G
Stainless					
1/16	7 x 7	480		0.75	1/16-7X7S
3/32	7 x 19	920		1.74	3/32-7X19S
1/8	7 x 19	1760		2.90	1/8-7X19S

Note: All flexible control cable is priced per foot.

Specialty Cable Service (1/8" Diameter Cable Maximum)

Univair has standard cables in stock. See specific aircraft sections for specific cables. Univair will make control cables to order if hardware is available. Please send sample or drawing. All types of end fittings in stock. Power swedges used to AN standards.

Nicopress

Oval shaped copper sleeves used in making eye or lap splices in flexible cable. Sleeves are slipped over the two strands of cable to be fastened and are then compressed with special Nicopress hand squeezers. Provides a bond that is even stronger than a standard splice. Sleeves are available in a range of sizes for use with the most popular cable diameters.

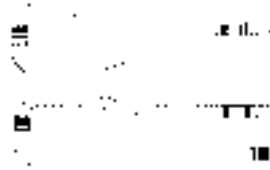
Plain Copper sleeves are the most popular, and are carried in stock in a range of sizes for use with the most popular cable diameters.

Zinc Plated Copper sleeves are also available, at a slightly higher cost. For use with stainless steel cables.

For Cable Diam.	Univair Part No.
Plain Copper	
1/16 inch	PC 565 18-1-C
3/32 inch	18-2-G
1/8 inch	18-3-M
5/32 inch	18-4-P
3/16 inch	18-6-X
Zinc Plated Copper	
3/32 inch	28-2-G
1/8 inch	28-3-M

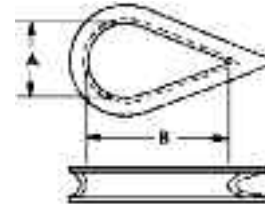
Control System Hardware

Cable Straps



Cable Size	Strap Eye
1/16 inch	SA361-2
1/8 inch	BM2482-4
1/16 inch	SA362-2
3/32 inch	SA362-3
1/8 inch	BM2500-4

PC 565



Thimbles

Available in cadmium-plated steel, thimbles are made in conformance with government procurement specification MIL-T-5677 and standard drawing AN100.

Dimensions (in inches)

Fits Cable Size	A	B	Part Number
1/16 - 5/64	0.35	0.70	AN100-3
3/32 - 7/64 - 1/8	0.35	0.70	AN100-4
5/32	0.40	0.80	AN100-5
3/16	0.50	1.00	AN100-6*

* not a stock item; special order only

PC 580

Cable Shackles



AN115 shackles listed below are cadmium-plated steel.

Dimensions in Inches Used With

Part No.	D	F	G	Thimble	Clevis Pin
AN115-16	PC 580 0.190	5/16	0.150	AN100-4	MS20392-2C11**
AN115-21	0.190	5/16	0.150	AN100-4	MS20392-2C11**
AN115-32	0.250	7/16	0.203	AN100-5	MS20392-3C15**
MS20115F6	PC 590 0.313	1/2	0.203	AN100-6	AN394-17

PC 580 **PC 590

Turnbuckle Terminal Ends



Part Number	Size and Thread	Cable Diam. (Inches)	Breaking Strength (in lbs.)
Right Hand Short End			
AN669S2R	6-40	1/16	480
AN669S3R	10-32	3/32	920
AN669S4R	1/4-28	1/8	2000
Long End			
AN669L2R	6-40	1/16	480
AN669L3R	10-32	3/32	920
AN669L4R	1/4-28	1/8	2000

PC 580

MS21260 Series Terminals - Slotted (For use with safety clips rather than safety wire.)

Part Number	Size and Thread	Cable Diam. (Inches)	Breaking Strength (in lbs.)
Right Hand Short End			
MS21260S2R	6-40	1/16	480
MS21260S3R	10-32	3/32	920
AN669S4R PC 580	1/4-28	1/8	2000
Long End			
MS21260L2R	6-40	1/16	480
AN669L3R PC 580	10-32	3/32	920
AN669L4R PC 580	1/4-28	1/8	2000

PC 590

All items on this page are Price Code 590 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433

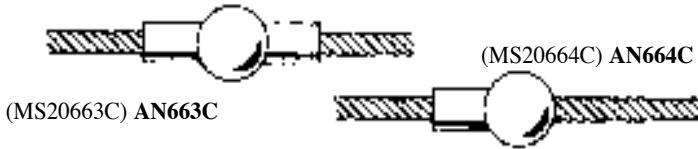
MISCELLANEOUS

Control System Hardware (continued)

Swageable Terminals

Made of corrosion resistant steel. When properly swaged to the cable, these terminals will maintain the minimum rated breaking strength of that cable. (See Control Cable for ratings.)

Ball and Shank



Part No.	Cable Diam. (in inches)	Hole Size (in inches)	Description
AN663C2	1/16	0.073	ball and double shank
AN663C3	3/32	0.104	ball and double shank
AN663C4	1/8	0.139	ball and double shank
MS20664C2	1/16	0.073	ball and single shank
MS20664C3	3/32	0.104	ball and single shank
MS20664C4	1/8	0.139	ball and single shank
MS20664C5	5/32	0.169	ball and single shank
AN664C6	3/16	0.201	ball and single shank

Fork Ends and Eye Ends



Part No.	Cable Diam. (in inches)	Pin Hole Diam. (in inches)	Description
MS20667-2	1/16	0.190	fork end
AN667-3	3/32	0.190	fork end
MS20667-4	1/8	0.190	fork end
MS20667-5	5/32	0.250	fork end
AN667-6	3/16	0.313	fork end
MS20668-2	1/16	0.190	eye end
MS20668-3	3/32	0.190	eye end
MS20668-4	1/8	0.190	eye end
MS20668-5	5/32	0.250	eye end
AN668-6*	3/16	0.313	eye end

* not a stock item; special order only

Control System Hardware (continued)

Piper Pulleys

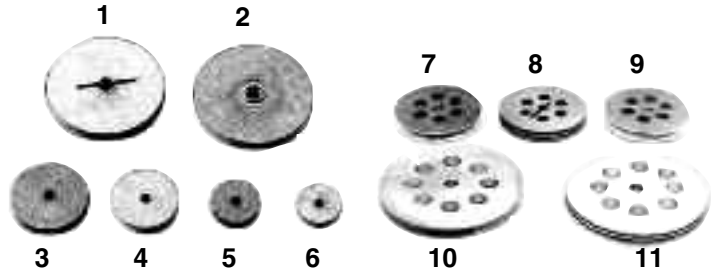


Fig.	Part Number	Description	O.D.	I.D.
1	U41171-000	Pulley, trimcrank with bushing (fiber)	2-3/4 in.	3/8 in.
1a	U40991-000	Pulley (no slot)	2-3/4 in.	3/8 in.
2	U41001-008	Pulley, with bearing (fiber) (41001-010)	2-3/4 in.	5/16 in.
3	U80421-000	Pulley (fiber)	1-3/4 in.	1/4 in.
4	U481-609	Pulley (fiber)	1-1/2 in.	1/4 in.
5	U11200-000	Pulley (fiber)	1-1/8 in.	1/4 in.
6	U43001-000	Pulley (fiber)	1 in.	1/4 in.
7	U43061-000	Pulley, stabilizer screw (aluminum)	2-3/4 in.	3/8 in.
8	U12983-000	Pulley, double groove (aluminum)	2-3/4 in.	3/8 in.
9	U10080-000	Pulley, trimcrank (aluminum)	2-3/4 in.	3/8 in.
10	U11008-000	Pulley, adjustment screw (aluminum), single groove	4 in.	3/8 in.
11	U12982-000	Pulley, adjustment screw (aluminum), double groove	4 in.	3/8 in.

Bushings for Pulleys # 3, 4, 5, 6

Part No.	O.D.	I.D.	Length
U80012-003	1/4	3/16	5/16
U80012-004	1/4	3/16	3/8
U86102-092	1/4	3/16	3/4

PC 150

MS Series Pulleys

Old AN Part Number	Current Specifications	Outside Diameter
AN219-2	MS20219-2	1-3/4 inches
AN220-1	MS20220-1	1-3/4 inches
AN220-2	MS20220-2	3 inches
AN220-3	MS20220-3	4-1/4 inches
AN220-4	MS20220-4	5-1/2 inches
AN210-1A	MS24566-1B	1-1/4 inches
AN210-2A	MS24566-2B	2-1/2 inches
AN210-3A	MS24566-3B	2 inches
AN210-4A	MS24566-4B	3-1/2 inches
AN210-5A	MS24566-5B	5 inches

MISCELLANEOUS

Throttle Controls

A-700 Button Lock Dash Control

Provides a 10-lb. locking force for light and medium service applications. Black anodized aluminum knob with aluminum release button. Manufactured with .062-inch-diameter stainless steel wire core in flexible metal casing. May be shortened as required. Maximum travel: 3"



- 44-inch Control (black)A700-10-0440
- 48-inch Control (black)A700-10-0480
- 60-inch Control (black)A700-10-0600
- 72-inch Control (black)A700-10-0720
- 60-inch Control (red)A700-20-0600
- 72-inch Control (red)A700-20-0720

A-730 Push-Pull (glide-free) Control (solid wire end)

Basic push-pull control and glide-free action, with solid wire end. Ideal for cabin and carburetor heat, or fresh air controls. May be cut to the specific length you require for your particular application



- 60-inch Control (black)A730-10-0600
- 60-inch Control (red)A730-20-0600
- 60-inch Control (blue)A730-30-0600
- 72-inch Control (black)A730-10-0720
- 90-inch Control (black)A730-10-0900
- 144-inch Control (black)A730-10-1440

A-740 Ratchet Control (solid wire end)

Ratchet design provides detented positions under vibration conditions. Simple push-pull operation. The .050-inch-diameter straight wire end may be shortened as required. A special coiled wire end for easy attachment is also available. Max. travel: 3"



- 60-inch Control (black)A740-10-0600
- 72-inch Control (black)A740-10-0720
- 60-inch Control (red)A740-20-0600
- 72-inch Control (red)A740-20-0720

A-750 Vernier Control (10-32 threaded end)

Has 10-32 threaded shaft for use with ball joint or AN665-21R threaded terminal. Ball-socket construction lets the threaded end swivel 8° in any direction. Measured from under panel nut to end of threaded shaft with knob pushed in.



- 29-inch Control (black)A750-10-0290
- 33-inch Control (black)A750-10-0330
- 35-3/4-inch Control (black)A750-10-0357
- 44-inch Control (black)A750-10-0440
- 48-inch Control (black)A750-10-0480
- 52-3/4-inch Control (black)A750-10-0526
- 60-inch Control (black)A750-10-0600
- 72-inch Control (black)A750-10-0720
- 28-3/4-inch Control (blue)A750-30-0287
- 48-inch Control (blue)A750-30-0480
- 60-inch Control (blue)A750-30-0600
- 48-inch Control (red)A750-20-0480
- 60-inch Control (red)A750-20-0600
- 72-inch Control (red)A750-20-0720

Throttle Controls (continued)

A-790 Vernier Control (solid wire end)

The A-790 control has a .078-inch-diameter stainless steel wire core. Both the wire core and the flexible steel casing may be shortened as required.



- 60-inch Control (black)A790-10-0600
- 72-inch Control (black)A790-10-0720
- 48-inch Control (red)A790-20-0480
- 60-inch Control (red)A790-20-0600
- 72-inch Control (red)A790-20-0720

A-800 Friction Lock Control (10-32 threaded end)

A fine quality control made to exacting aircraft standards. Provides positive lock throughout selected power setting by turning the chrome collect locking nut. Unique ball-socket construction permits the 10-32 threaded end to swivel 8° in any direction. Maximum travel: 3-1/2 inches.



- 33-inch Control (black)A800-10-0330
- 35-3/4-inch Control (black)A800-10-0357
- 36-inch Control (red)A800-20-0360
- 37-3/8-inch Control (black)A800-10-0373
- 42-inch Control (black)A800-10-0420
- 48-inch Control (black)A800-10-0480
- 52-3/4-inch Control (black)A800-10-0526
- 60-inch Control (black)A800-10-0600
- 72-inch Control (black)A800-10-0720
- 48-inch Control (red)A800-20-0480

A-920 Push-Pull Controls for Quadrants

Push-pull controls with flexible metal casings designed for use with throttle quadrants. 10-32 threaded ends with 8° swivel, 3-1/2-inch stroke.



- 72-inch Control (no knob)A920-0720

A-970 Vernier Control (1/4-28 threaded end)

The A-970 control is similar to the Model A-750 but with 1/4-28 threaded end (non-swiveling). Stocked with one color of knob only—black. Measurement taken from under panel nut end of threaded shaft with knob pushed in.



- 40-inch Control (black)A970-10-0400
- 48-inch Control (black)A970-10-0480
- 60-inch Control (black)A970-10-0600
- 72-inch Control (black)A970-10-0720

MISCELLANEOUS

Superior Shock Cords



Superior shock cords are high quality shock rings. The internal cores are manufactured from multiple rubber strands that have been fabricated to exacting tolerances under carefully controlled tension. Univair stocks standard shock cords as well as cold weather versions designed for use in the most demanding of cold weather operations.

**Shock Cord
Installation
Service
Part No.
SCL500**

(See Page 1 of Price List)

Piper P/N

Aircraft	Type	Shock Ring	Size	Test	Required	Part No.	Price Code	Part. No (Cold Weather)	Price Code
Aero Commander	Model 520	6040	3/8 X 4	140	4	6040	PC650		
Aero Commander	Model 560A, 680	9011	9/16 X 4-1/2	400	8	9044	PC650		
Aero Commander	Model 500A, 500B, 560F	9044	9/16 X 4-1/2	400	4	9044	PC650		
Aero Commander	Model 680F	9044	9/16 X 4-1/2	400	2	9044	PC650		
Aeronca	15AC serial numbers 330 and up	1286	3/4 X 8-3/4	750	4	1286	PC650		
Aeronca	15 AC serial numbers 1 thru 329	1280	3/4 X 8	750	4 or 6	U31322-000	PC150	1280-CW	PC650
Bell	Helicopter 47B	6040	3/8 X 4	140	4	6040	PC650		
Piper	J2, J3 serial numbers 1 thru 8277	1174	11/16 X 7 1/2	730	4	U30462-002			
Piper	J5	1174	11/16 x 7-1/2	730	6	U30462-002	PC150		
Piper	J-3 serial numbers 8278 and up	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280-CW	PC650
Piper	PA-11, PA-15, PA-17	1280	3/4 X 8	750	4	U31322-000	PC150	1280-CW	PC650
Piper	PA-12, PA-14	1280	3/4 X 8	750	6	U31322-000	PC150	1280-CW	PC650
Piper	PA-16	1080	5/8 X 8	750	4	U31322-002	PC150	1080-CW	PC650
Piper	PA-18 serial numbers 1 thru 3013	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18 "135" with hydrasorb unit (standard) on serial no. 3014 and up	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18 "150"	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18A with standard shock strut on serial numbers 1 thru 3013	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18A with hydrasorb unit (standard) on restricted category planes with serial numbers 2187 thru 3013	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18A with hydrasorb unit (standard) on serial numbers 3014 and up	1280HD	3/4 X 8	950	4	U31322-005	PC150	1280HD-CW	PC650
Piper	PA-18 with hydrasorb unit (optional) on serial numbers 1 thru 3013	1080HD	5/8 X 8	900	4	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-18 "95" with hydrasorb unit (standard) on serial no. 3014 and up	1080HD	5/8 X 8	900	4	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-18A with hydrasorb unit (optional) on serial numbers 1 thru 2186	1080HD	5/8 X 8	900	4	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-20 (1952 and later models)	1080HD	5/8 X 8	900	4	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-22	1080HD	5/8 X 8	900	4	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-22-108	1080	5/8 X 8	750	4	U31322-002	PC150	1080-CW	PC650
Piper	PA-25 (235-260)	1080HD	5/8 X 8	900	6	U31322-006	PC150	1080HD-CW	PC650
Piper	PA-24	8097	1/2 X 9-7/8	400	2	U31322-007	PC150		
Pitts	S-1 Series	1380	13/16 x 8	1160	4	u31322-003	PC150	1380-CW	PC650
Pitts	S-2 Series	1280HD	3/4 X 8	950	4	U31322-005	PC150		
Stolp Starduster	SA100	1080	5/8 X 8	750	4	U31322-002	PC150	1080-CW	PC650
Stolp Starduster	SA300	1280	3/4 X 8	750	4	U31322-000	PC150	1280-CW	PC650
Taylorcraft	L-2	11104	11/16 X 10-1/2	750	4	11104	PC650		
Taylorcraft	BC12D, BC12-85, BC19, F1	9010HD	9/16 X 10	475	4	9010HD	PC650	9010HD-CW	PC650
Taylorcraft	All Model B Series prior to 1946	9090	9/16 X 9	425	4	9090	PC650		
Taylorcraft	Model 15A	13114	13/16 X 11-1/2	800	4	13114	PC650		
Taylorcraft	models F19 and F21	9010HDX				9010HDX	PC650		

MISCELLANEOUS

Micro-mesh Plastic Restoration Kit



The new discovery that renews your scratched plastic windows and windshields to full visual transparency.

What is Micro-mesh? It is not a cream, powder, paste, rouge, filler or compound. Micro-mesh is a scientifically engineered series of cloth-backed cushioned abrasives which, when used in their proper sequence with accessories, will quickly, easily and economically restore the surface finish of acrylic as well as many other hard plastics. Micro-mesh restores transparent and colored hard plastics of all shapes. It restores full visual transparency quickly and easily (optical clarity when needed). Thousands of satisfied customers include commercial airlines, aircraft companies, flying services, and the military.

Many of your plastic items can be renewed with Micro-mesh: windows and windshields, bubbles and canopies, furniture (acrylic and other), panels (non-textured), signs and displays, watch crystals, cultured marble, fiberglass and gel-coated products, acrylic, epoxies, and polyesters. (Micro-mesh is not generally recommended for textured surfaces.)

Rohm & Haas Company, Plexiglas manufacturer, has made this statement: "We have thoroughly tested Micro-mesh in our laboratories. We use and recommend it for removing scratches and restoring the surface finish of Plexiglas."

The Micro-mesh kit has been designed specifically for aircraft (helicopters, airplanes, gliders) and boat windows and windshields. The kit includes 3-by-6-inch consecutive meshes of Micro-mesh Cushioned Abrasives cloth tapes, all required accessories, and complete instructions for restoral.

Part Number.....**KR-70**

Meguiar's Aircraft Products



Professional Cleaner Wax MGH-19 has an exclusive non-scratching formulation which effectively cleans without the usual harsh abrasives. It quickly removes minor scratches with very little effort, and is completely safe to use even when valuable information is printed on a surface.

Plastic Polish MGH-10 restores and maintains optic clarity on clear plastic. This rich, luxurious cream is the ultimate final treatment for all plastic surfaces. Anti-static ingredients actually repel dust from sunglasses, aircraft windshields, radar screens, computer panels, etc. Leaves a natural, scratch resistant, lustrous finish.

Description	Size	Part Number
Plastic Cleaner	8 oz.	MGH-17-8OZ
Plastic Polish	8 oz.	MGH-10-8OZ
Professional Cleaner Wax	14	M-1914

Note: Polish passes military spec MIL-C-5547 and MIL-C-18767B (ASG).

Dupont Sontara Window Wipe

Wipes designed to help limit scratches on plastic windshields and windows. 12 in.x 13 in. pkg. of 25



Window wipes.....**AC1213WWA**



Met-All Polish is an aluminum polish that removes and prevents pitting. It cleans, polishes, and protects. Non-toxic, non-abrasive, non-flammable. Easy to use—apply and wipe or wash off. Meets MIL-P-6888B, Type II.

1-lb. Can**MET-ALL**

Blue Magic Metal Polish



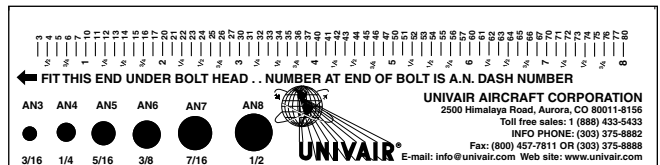
Metal Polish Cream instantly removes oxidation, tarnish and dirt while it polishes. Metal Polish Cream performs its magic on all metal surfaces, and comes in a 17.6-ounce jar

.....**500-12**

Complimentary Plastic Bolt Gauge

AN bolt gauge is shown below (not to scale). Contact Univair today for yours.

Part Number.....**PC 799**.....**BOLT**

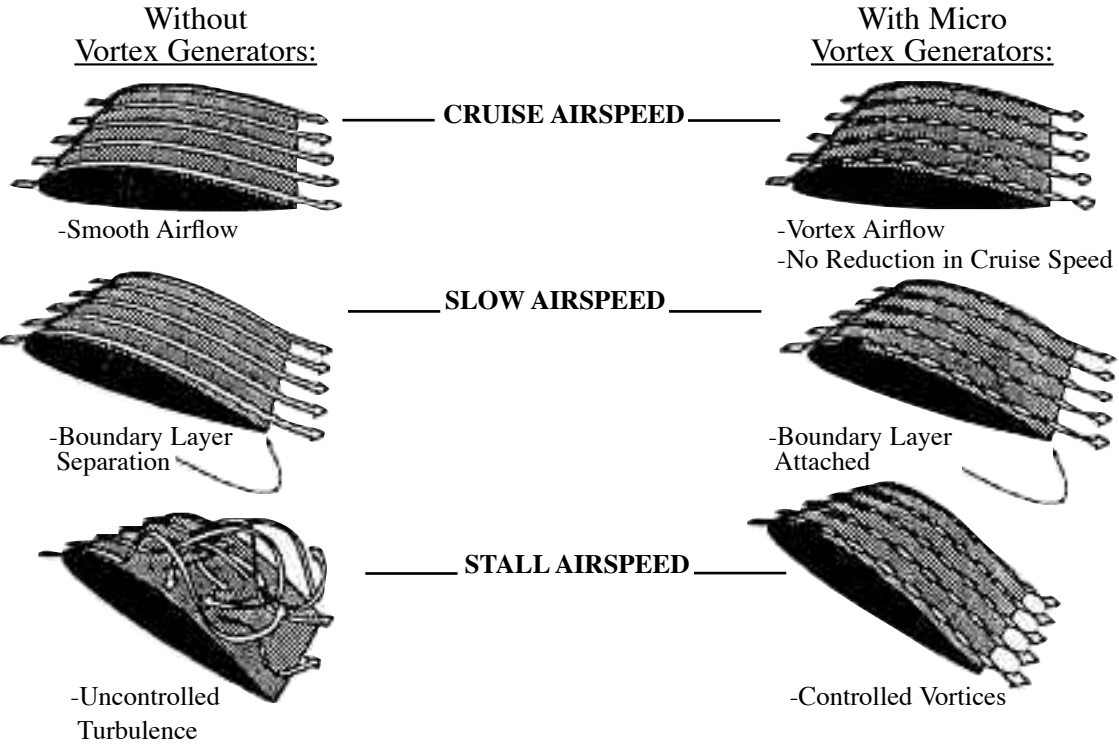


MISCELLANEOUS

Micro Vortex Generators

What Vortex Generators DO:

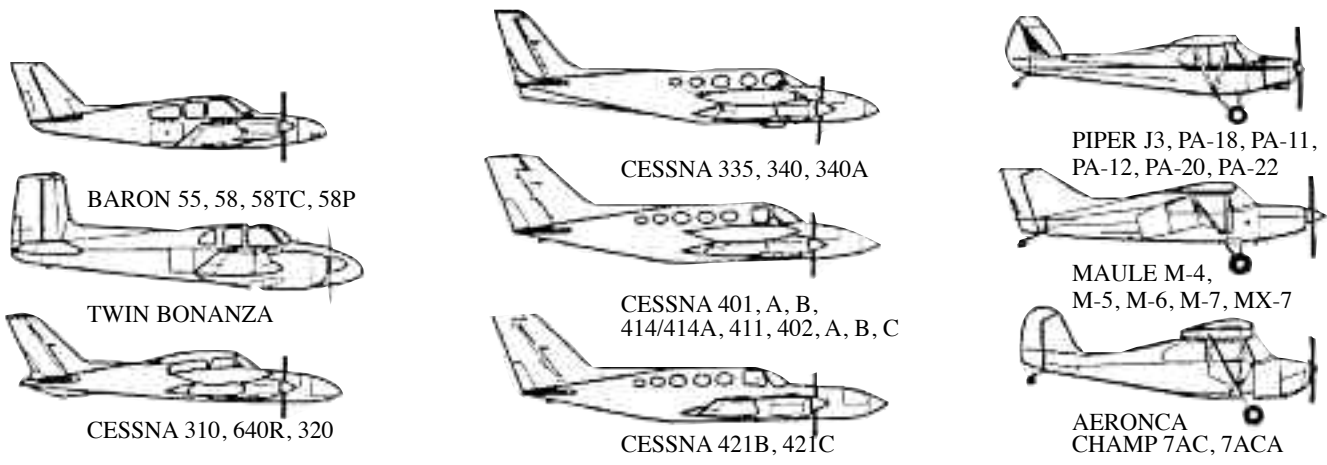
Micro Vortex Generators are placed in a spanwise line approximately ten percent aft of the leading edge of the wing. They control airflow over the upper surface of the wing by creating vortices that energize the boundary layer. This results in improved performance and control authority at low airspeeds and high angles of attack.



*NOTE: AN AIRCRAFT EQUIPPED WITH VORTEX GENERATORS WILL STALL, BUT AT A LOWER AIRSPEED THAN THE SAME AIRCRAFT WITHOUT VORTEX GENERATORS.

SAFETY, PERFORMANCE, UTILITY

- Reduced VMCA
- S.T.O.L. Benefits
- Lower Lift Off Speed
- Lower Stall Speeds
- Improved Characteristics
- Improved Safety
- Saves Tires & Brakes
- 1 Day Installation
- New Models Soon
- Certified Performance Numbers



MISCELLANEOUS

Micro Vortex Generator Kits

Make/Model	Notes	Part Number	Make/Model	Notes	Part Number
Aeronca			Piper-Singles		
Champ 7AC, 7ACA		VG5032	PA-12/18		VG5045-1
Aviat			PA-12/18 Upgrade Kit with standard L.E.Upgrade for previously installedV/G kit STC-SA5948NM		VG5045-5
Husky A-1		VG5048	PA-12/18 Leading Edge Cuff Kit		VG5045-2
Bellanca			PA-12/18 Extended Wing Kit		VG5045-3
Citabria/Scout Series		VG5054	PA-12/18 Leading Edge Cuff Kit for extended wing ..		VG5045-4
Beechcraft			PA-12/18 Leading Edge Cuff Kit UpgradeUpgrade for previously installedL.E. Cuff Kits		VG5045-6
Bonanza 33, 36, A36		VG5055	PA-11 Cub Special		VG5026
Bonanza 35 Series		VG5053	J-3 Cub		VG5026
Bonanza B36TC		VG5056	PA-22 & PA-20		VG5028
Baron 55 A, B		VG5019	Piper-Twins		
Baron 55 C, D, E		VG5018	PA-23-180 Geronimo		VG5050
Baron 56 TC		VG5049	PA-23-250 Aztec		VG5036
Baron 58		VG5017	PA-30/39 Twin Comanche		VG5052
Baron 58 TC, 58 P		VG5033	PA-44-180/180T Seminole		VG5051
Baron 55 Upgrade Kit ..Upgrade for Baron 55w/ older V/G system.....		VG5023	Cheiftan J2B Engine Conversion Kit		VG6001
Twin Bonanza		VG5031	Stinson		
Travel Air		VG5047	108, 108-1, 108-2, 108-3, & 108-5		VG5072
Duke 60, A60, B60		VG5043	Maule		
Cessna			M-4, M-5, M-6, M-7, MT-7, MX-7, MXT-7, M-8.....		VG5030
170A, 170B		VG5059	Homebuilt		
172, 175		VG5058	Long EZ		VG5044
180, 180A through K		VG5057	Murphy Rebel		VG5044
182, 182A, 182B		VG 5057	Agricultural		
182 (swept tail) Series		VG 5060	Air Tractor 300, 400, 500 Series		VG5038
185, 185A-E, A185F.....		VG5057	Ayres Thrush		VG5022
310G thru 310J		VG5025	Piper PA-36 Brave		VG5039
310K, L, N & P		VG5001	Cessna 188		VG5037
310Q		VG5002	Dromader		VG5040
T310P		VG5003	Weatherly 201 Series		VG5041
T310Q		VG5004	Weatherly 620 Series		VG5042
310R	ZFW & GWI 180 lbs.	VG5005	Repaint Kit		
T310R.....	ZFW & GWI 180 lbs.	VG5006	Twins		VG5021-1
320 B,C,D,E & F	ZFW & GWI 180 lbs.	VG5007	Singles		VG5021-2
340.....	GWI 300 lbs.	VG5009	Spares Kits		VG5020
340A	GWI 300 lbs.	VG5010			
335.....	GWI 300 lbs.	VG5008			
401 & 401A & 401B		VG5035			
402 & 402A		VG5035			
402B		VG5012			
402C	ZFW & GWI 360 lbs.	VG5011			
411 & 411A		VG5034			
414		VG5013			
414A & 414AW	ZFW & GWI 350 lbs.	VG5014			
421 & 421A		VG5046			
421B	GWI 129 lbs.	VG5015			
421C	GWI 129 lbs.	VG5016			

All items on this page are Price Code 605 unless otherwise noted

Price and availability subject to change without notice. Univair's Toll Free Sales: 1-888-433-5433