

# SUPPLIES • ACCESSORIES

## CONTENTS

Adhesive .....	265	Pilot Computers .....	269
Books .....	265	Pitot Tube Protectors.....	269
Logbooks .....	266	Polishes • Restoration Compounds.....	269
Lubricants .....	266	Snap Vents .....	269
Magneto Synchronizers.....	266	Windsocks.....	269
Micro Vortex Generators.....	267	Shock Cords.....	270
Miscellaneous Accessories.....	268		

## Adhesive

### 3M Rubber Adhesive

- 3M Scotch-Weld Neoprene High Performance Rubber and Gasket Adhesive
- Size: 5 fl. oz. / 147.8 ml tube
- High immediate strength
- Fast drying and heat resistant for rubber and metal
- Meets requirements for MIL-M-81288

Rubber Adhesive, 5 fl. oz. tube..... 1300 ..... **\$25.71**



## Books

### Stinson's Golden Age, Volumes 1 and 2

By author John C. Swick, *Stinson's Golden Age* is about the history of the Stinson 108 series airplane (the Voyager), although the Stinson 105, 10, 10A, and L-5 are also covered. Volume 1 begins with the three-place 105 in 1938 and concludes in volume 2 with the sale of the last Stinson 108-3 from Willow Run in 1950. *Stinson's Golden Age* includes production figures, the disposal of surplus military aircraft, the all-Piper Apache and the chronicle of two Stinson dealers.

Stinson's Golden Age, Volume 1 ..... SGA-1 ..... **\$27.25**  
 Stinson's Golden Age, Volume 2 ..... SGA-2 ..... **\$26.95**



### Duane Cole Books

Planes, Pilots and Progress  
 DC-10 ..... **\$14.95**  
 Airport Memories  
 DC-11 ..... **\$29.95**

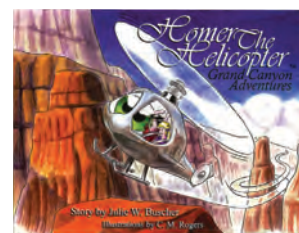


### Homer the Helicopter – Grand Canyon Adventures

- Story by Julie W. Buscher
- Illustrations by C. M. Rogers
- Paperback; 71 pages

A one-of-a-kind tale of high-flying action adventure! Follow Homer from his beginnings at the helicopter factory on an epic journey, as he learns the ropes of being a touring helicopter in the Grand Canyon. You'll delight in watching your children laugh and learn with Homer as he grows from a mischievous young helicopter to an experienced flier. With more than 20 full color illustrations, Homer's story is sure to engage and enchant young people everywhere.

Homer the Helicopter.....HOMER-THE-HELICOPTER ..... **\$19.95**



Toll Free Sales: 1-888-433-5433  
 Shop Online: [www.univair.com](http://www.univair.com)

# SUPPLIES • ACCESSORIES

## Logbooks



Description	Part #	Price
Piper Cub Engine Log, Soft Cover, Purple.....	170-112	\$35.22
Piper Cub Aircraft Logbook, Soft Cover, White.....	750-111	\$26.51
Standard Aircraft Log, Soft Cover, Dark Green .....	ASA-SA-1	\$7.69
Standard Aircraft Log, Hard Cover .....	ASA-SA-2	\$12.95
Standard Engine Log, Soft Cover, Red.....	ASA-SE-1	\$5.95
Standard Engine Log, Hard Cover.....	ASA-SE-2	\$12.95
ASA Pilot Log, Black .....	ASA-SP-30	\$13.52
Standard Propeller Logbook, Soft Cover, Black.....	ASA-SP-L	\$7.13
Aircraft Log and Maintenance Record, Soft Cover, Green.....	P0003	\$5.62
Engine Log and Maintenance Record, Soft Cover, Red.....	P0005	\$5.62

## Lubricants

### Avblend Lubricant

- The only FAA approved pure lubricant
- Control damaging rust and corrosion in your engine
- Provide positive lubrication and prevent dry engine starts
- Keep new and rebuilt engines dimensionally correct
- Control critical engine temperatures
- Prevent unnecessary maintenance expense caused by premature wear
- Restore performance to engines with accumulated hours



12 ounce can, single .....	AVBLEND-1	\$19.95
12 ounce can, pack of 4.....	AVBLEND-4	\$74.00

### Champion Spark Plug Lubricant

A high temperature graphite lubricant for application to spark plug thread installations to prevent galling.

- Spark plug thread lubricant and anti-seize compound
- Size: 4 ounce bottle

Bottle, 4 ounces .....	2612	\$12.11
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### Low-Temperature Grease

Meets Military Specification #7421A. Our inventory is from the 1960's but has never been opened. Ideal as a tachometer and speedometer cable lubricant, as it does not set up at low temperatures. Packed in 1 pound can.

Low-Temperature Grease, 1 pound .....	G352	\$4.51
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### Red Hydraulic Fluid

For use in brake systems and landing gear cylinders. Meets Military Specification #5606A.

1 quart.....	H5606A-QT	\$14.85
1 gallon.....	H5606A	\$57.75



### Elco Plug Valve Lubricant

For all gas services; natural and manufactured for light petroleum hydrocarbon condensates and water condensates, butane, and propane service. Made especially for high pressure service where the operating temperature stays between 25° and +385°F. Price per stick.

Elco Plug Valve Lubricant Stick .....	485G	\$4.18
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### Black Bear Par-Al-Ketone

Best known as one of the most rugged corrosion inhibitors available, performing successfully for over 40 years protecting aircraft components and machine parts in outdoor storage and for export.

1 quart.....	PARALKETONE-QT	\$30.92
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## Magneto Synchronizers

- Utilizes the latest digital integrated circuitry (no mechanical buzzer)
- Timing indicators are light emitting diodes (LEDs)
- Will not give a false reading should the clip leads pop off or become shorted
- Can also be used as a relay coil tester

Magneto Synchronizer,		
Single With Tweeter.....	AA003	\$76.50
Dual With Tweeter .....	AA004	\$84.00

## NOTES

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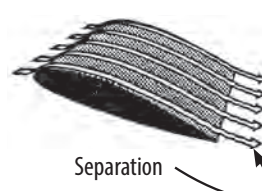
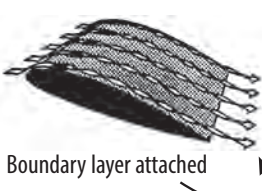
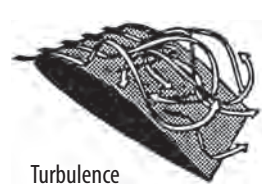



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# Micro Vortex Generators

	Without MVG	With MVG
Cruise Airspeed	 <ul style="list-style-type: none"> <li>• Smooth airflow</li> </ul>	 <ul style="list-style-type: none"> <li>• Vortex airflow</li> <li>• No reduction in cruise speed</li> </ul>
Slow Airspeed	 <p>Separation</p>	 <p>Boundary layer attached</p>
Stall Airspeed	 <p>Turbulence</p>	 <p>Controlled vortices</p>

## What Vortex Generators Do

Micro vortex generators are placed in a span-wise 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.

Manufactured by Micro AeroDynamics under their FAA-PMA, these Micro Vortex Generators are made from aircraft grade 6063-T6 aluminum, anodized to a Boeing mil-spec, and ready for painting. Each VG is curved on the bottom to fit the contour of the wing.

- Reduced VMCA
- S.T.O.L. benefits
- Lower lift off speed
- Lower stall speeds
- Certified performance numbers
- Improved characteristics
- Improved safety
- Saves tires and brakes
- 1 day installation
- New models soon

NOTE: An aircraft equipped with vortex generators will stall, but at a lower airspeed than the same aircraft without vortex generators.

## Micro Vortex Generator Kits

### AERONCA

Champ 7AC, 7ACA ..... VG5032 ..... **\$750.00**

### BELLANCA

Citabria/Scout Series ..... VG5054 ..... **\$750.00**

### CESSNA

170A, 170B .....	VG5059 .....	<b>\$1,595.00</b>
172, 175 .....	VG5058 .....	<b>\$1,595.00</b>
180, 180A to K .....	VG5057 .....	<b>\$1,595.00</b>
182, 182A, 182B .....	VG5057 .....	<b>\$1,595.00</b>
182 Series (Swept Tail) .....	VG5060 .....	<b>\$1,595.00</b>
185, 185A-E, A185F .....	VG5057 .....	<b>\$1,595.00</b>
310G to 310J .....	VG5025 .....	<b>\$2,145.00</b>
310K, L, N and P .....	VG5001 .....	<b>\$2,145.00</b>
310Q .....	VG5002 .....	<b>\$2,145.00</b>
T310P .....	VG5003 .....	<b>\$2,145.00</b>
T310Q .....	VG5004 .....	<b>\$2,145.00</b>
310R (ZFW and GWI 180 lb) .....	VG5005 .....	<b>\$2,695.00</b>
T310R (ZFW and GWI 180 lb) .....	VG5006 .....	<b>\$2,695.00</b>
320 B,C,D,E and F (ZFW and GWI 180 lb) .....	VG5007 .....	<b>\$2,145.00</b>
340 (GWI 300 lb) .....	VG5009 .....	<b>\$3,245.00</b>
340A (GWI 300 lb) .....	VG5010 .....	<b>\$3,245.00</b>
335 (GWI 300 lb) .....	VG5008 .....	<b>\$3,245.00</b>
401 and 401A and 401B .....	VG5035 .....	<b>\$2,145.00</b>
402 and 402A .....	VG5035 .....	<b>\$2,145.00</b>
402B .....	VG5012 .....	<b>\$2,145.00</b>
402C (ZFW and GWI 360 lb) .....	VG5011 .....	<b>\$3,245.00</b>
411 and 411A .....	VG5034 .....	<b>\$2,145.00</b>
414 .....	VG5013 .....	<b>\$2,145.00</b>
414A and 414AW (ZFW and GWI 350 lb) .....	VG5014 .....	<b>\$3,245.00</b>
421 and 421A .....	VG5046 .....	<b>\$2,145.00</b>
421B (GWI 129 lb) .....	VG5015 .....	<b>\$3,245.00</b>
421C (GWI 129 lb) .....	VG5016 .....	<b>\$3,245.00</b>

### PIPER – SINGLE ENGINE

PA-12, PA-18 .....	VG5045-1 .....	<b>\$750.00</b>
PA-12, PA-18 Upgrade Kit with standard L.E.; upgrade for previously installed V/G kit STC-SA5948NM .....	VG5045-5 .....	<b>\$150.00</b>
PA-12, PA-18 Leading Edge Cuff Kit .....	VG5045-2 .....	<b>\$750.00</b>
PA-12, PA-18 Extended Wing Kit .....	VG5045-3 .....	<b>\$750.00</b>
PA-12, PA-18 Leading Edge Cuff Kit for Extended Wing .....	VG5045-4 .....	<b>\$750.00</b>
PA-12, PA-18 Leading Edge Cuff Kit Upgrade Upgrade for previously installed L.E. Cuff Kits .....	VG5045-6 .....	<b>\$150.00</b>
J-3 Cub, PA-11 Cub Special .....	VG5092 .....	<b>\$750.00</b>
PA-22 and PA-20 .....	VG5028 .....	<b>\$750.00</b>

### PIPER – TWIN ENGINE

PA-23-180 Geronimo .....	VG5050 .....	<b>\$1,595.00</b>
PA-23-250 Aztec .....	VG5036 .....	<b>\$2,145.00</b>
PA-30, PA-39 Twin Comanche .....	VG5052 .....	<b>\$2,145.00</b>
PA-44-180/180T Seminole .....	VG5051 .....	<b>\$2,145.00</b>
PA-31-350 Chieftain J2B Conversion Kit .....	VG6001 .....	<b>\$868.75</b>

### STINSON

108, 108-1, 108-2, 108-3, and 108-5 .....	VG5072 .....	<b>\$750.00</b>
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Find micro vortex generator kits for Aviat, Beechcraft, Maule, Homebuilt, and Agricultural on our website, as well as repaint kits and spares kits.

Shop Online: [www.univair.com](http://www.univair.com)  
Order By Phone: 1-888-433-5433

Monday to Friday • 7:30 am to 4:30 pm MT

## Miscellaneous Accessories

### Fuel Tester – Screwdriver Type

- For all types of aircraft fuel drain fittings
- Reversible head – has both slotted and Phillips screwdriver heads



Fuel Tester ..... ASA-AFT-1 ..... **\$7.99**

### Dupont Sontara Window Wipes

- Designed to limit scratches on plastic windshields and windows
- 12 x 13 inches
- Package of 25



Window Wipes ..... AC1213WWA ..... **\$9.60**

### Quyat Erp Barfing Bag

- For motion sickness and other emergencies
- Envelope contains one moisture-proof plastic bag
- Includes twist tie



Barf Bag ..... SICSAC ..... **\$0.81**

### Fun For the Kids

#### Single-Wing Glider

A perfectly proportioned glider designed for maximum flyability. Made of balsa wood, it measure approximately 6.25 inches long with an 8 inch wingspan. Assembly required. Branded with the Univair logo and contact information.



PM25-1 ..... **\$3.00**

#### Aero-Props Super Fun Stunt Flyer

These aerodynamically-advanced flying toys work on the same principles of flight that all propeller airplanes use, that of lift and thrust. This hand-launched flyer will give you hours of indoor and outdoor fun flying solo, creating swooping, curving shots, or playing catch with your friends.

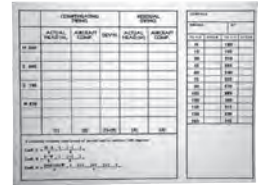


- Each propeller is branded with the Univair logo and contact information
- We will send an assortment of colors of our choice
- Soars up to 35 feet
- Not recommended for children under 10 years

Aero-Props Stunt Flyer ..... PM25-3 ..... **\$3.00**

### Compass Correction Card

- Printed on bristol board
- 6.25 inches wide by 4.75 inches high



Card ..... AN5823-1 ..... **\$2.74**

### Fuel Test Cups

- Easy contamination testing for most types of aircraft fuel drain fittings
- Clear cup with reinforced steel pin
- F391-CUP for use with F391 drain valves



Fuel Tester Cup

ASA-AFT-C ..... **\$10.75**

Flush Fuel Sampler Cup from MDI Aerovalve

F391-CUP ..... **\$13.05**

### Complimentary Bolt Gauge

Eight inch plastic ruler with AN3 thru AN8 bolt gauge holes and decimal/millimeter equivalents chart. Branded with Univair logo and contact information. Free with any order, but you must ask for it!



# Pilot Computers

## Dead Reckoning Computer



This 4¼ inch diameter computer comes with a case and gives density, altitude, and true airspeed.

Dead Reckoning Computer.....E-11 ..... **\$13.65**

## True Air Speed Computer

This true air speed computer's large 8 inch diameter makes it ideal for classroom work.

True Air Speed Computer ..... G-1 ..... **\$5.47**

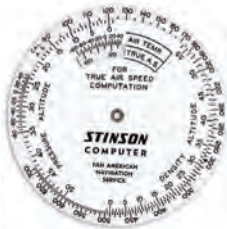


## Stinson Navigational Computer

- Type A-2
- Computes time/speed/distance
- White

Stinson Computer .....SWC ..... **\$14.90**

Instruction Booklet ..... SCI ..... **\$8.37**



# Pitot Tube Protectors

## Automatic Pitot Protectors

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

Model 1 for 3/16" lines.....	AG1001-3/16 .....	<b>\$18.96</b>
Model 1 for 1/4" lines.....	AG1001-1/4 .....	<b>\$18.57</b>
Model 2 for 3/8" and 1/2" lines.....	AG1002 .....	<b>\$17.37</b>

# Polishes • Restoration Compounds

Descriptions and pictures for these products can be found on our website.

Description	Part #	Price
Meguiar's Plastic Cleaner, 8 ounce bottle.....	MGH-17-8OZ .....	<b>\$10.85</b>
Meguiar's Plastic Polish, 8 ounce bottle.....	MGH-10-8OZ .....	<b>\$9.03</b>
Met-All Aluminum Polish, 1 lb can.....	MET-ALL .....	<b>\$8.29</b>
Micro-Mesh Plastic Restoration Kit.....	KR-70 .....	<b>\$42.06</b>
Plexus Plastic Cleaner, 7 ounce can.....	PLEXUS-CLEANER-7OZ .....	<b>\$22.58</b>
13 ounce can.....	PLEXUS-CLEANER-13OZ .....	<b>\$32.34</b>

## Blue Magic Metal Polish

Instantly removes oxidation, tarnish and dirt while it polishes. Performs its magic on all metal surfaces. Available in a 19.38-ounce jar (550 gm; 1.21 lb).



Blue Magic Metal Polish.....500-12 ..... **\$8.87**

# Snap Vents

## Snap Vents

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



1 Pair, Small (pictured above, for 2 inch diameter hole).....	A2-100 .....	<b>CALL</b>
1 Pair, Large (for 3¼ inch diameter hole).....	CC3251 .....	<b>CALL</b>
Cutting Tool (for A2-100 only).....	A2-100-T .....	<b>\$46.12</b>

# Windsocks

## Bright Orange Windsocks

- Made of high-visibility orange polyester fabric
- Treated to resist wind and weather wear
- Double-stitched seams; polyester thread
- Solid brass grommets
- Fastening cord included



Diameter x Length	Part #	Price
18" x 60".....	186304 .....	<b>\$59.29</b>
24" x 96".....	201665 .....	<b>\$97.63</b>
28" x 84".....	186314 .....	<b>\$72.79</b>

## Standard Windsock Frames

- Constructed of welded steel, mounted to 1" diameter pipe to fit a ¾" pipe or conduit
- Easily swivels on 2 ball bearings
- Painted for corrosion resistance



Diameter	Part #	Price
13".....	54133 .....	<b>\$56.39</b>
18".....	211656 .....	<b>\$54.49</b>
24".....	158725 .....	<b>\$98.69</b>
28".....	211664 .....	<b>\$113.64</b>

**If you don't find the part you need, please give us a call!**  
**U.S. Toll Free 1-888-433-5433**

## Shock Cords

Aircraft	Type	Shock				Standard		Cold Weather	
		Ring	Size	Test	# Req	Part #	Price	Part #	Price
<b>AERO COMMANDER</b>	Model 520	6040	3/8 x 4	140	4	6040	<b>\$77.60</b>	—	—
	Model 560A, 680	9011	9/16 x 4 1/2	400	8	9044	<b>\$46.12</b>	—	—
	Model 500A, 500B, 560F	9044	9/16 x 4 1/2	400	4	9044	<b>\$46.12</b>	—	—
	Model 680F	9044	9/16 x 4 1/2	400	2	9044	<b>\$46.12</b>	—	—
<b>AERONCA</b>	15AC serial numbers 330 and up	1286	3/4 x 8 3/4	750	4	1286	<b>\$38.99</b>	—	—
	15AC serial numbers 1 to 329	1280	3/4 x 8	750	4 or 6	U31322-000	<b>\$64.65</b>	1280-CW	<b>\$42.37</b>
<b>PIPER</b>	J-2, J-3 serial numbers 1 to 8277	1174	1 1/16 x 7 1/2	730	4	U30462-002	<b>\$48.76</b>	—	—
	J-5	1174	1 1/16 x 7 1/2	730	6	U30462-002	<b>\$48.76</b>	—	—
	J-3 serial numbers 8278 and up	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280-CW	<b>\$42.37</b>
	PA-11, PA-15, PA-17	1280	3/4 x 8	750	4	U31322-000	<b>\$64.65</b>	1280-CW	<b>\$42.37</b>
	PA-12, PA-14	1280	3/4 x 8	750	6	U31322-000	<b>\$64.65</b>	1280-CW	<b>\$42.37</b>
	PA-16	1080	5/8 x 8	750	4	U31322-002	<b>\$48.57</b>	1080-CW	<b>\$56.26</b>
	PA-18 serial numbers 1 to 3013	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18 "135" with hydrasorb unit (standard) on serial numbers 3014 and up	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18 "150"	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18A with standard shock strut on serial numbers 1 to 3013	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18A with hydrasorb unit (standard) on restricted category planes with serial numbers 2187 to 3013	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18A with hydrasorb unit (standard) on serial numbers 3014 and up	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	1280HD-CW	<b>\$54.99</b>
	PA-18 with hydrasorb unit (optional) on serial numbers 1 to 3013	1080HD	5/8 x 8	900	4	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-18 "95" with hydrasorb unit (standard) on serial numbers 3014 and up	1080HD	5/8 x 8	900	4	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-18A with hydrasorb unit (optional) on serial numbers 1 to 2186	1080HD	5/8 x 8	900	4	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-20 (1952 and later models)	1080HD	5/8 x 8	900	4	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-22	1080HD	5/8 x 8	900	4	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-22-108	1080	5/8 x 8	750	4	U31322-002	<b>\$48.57</b>	1080-CW	<b>\$56.26</b>
	PA-25 (235-260)	1080HD	5/8 x 8	900	6	U31322-006	<b>\$46.65</b>	1080HD-CW	<b>\$65.27</b>
	PA-24	8097	1/2 x 9 7/8	400	2	U31322-007	<b>\$33.70</b>	—	—
<b>PITTS</b>	S-1 Series	1380	1 3/16 x 8	1160	4	U31322-003	<b>\$44.60</b>	1380-CW	<b>\$58.58</b>
	S-2 Series	1280HD	3/4 x 8	950	4	U31322-005	<b>\$42.90</b>	—	—
<b>STOLP STARDUSTER</b>	SA100	1080	5/8 x 8	750	4	U31322-002	<b>\$48.57</b>	1080-CW	<b>\$56.26</b>
	SA300	1280	3/4 x 8	750	4	U31322-000	<b>\$64.65</b>	1280-CW	<b>\$42.37</b>
<b>TAYLORCRAFT</b>	L-2	11104	1 1/16 x 10 1/2	750	4	11104	<b>\$53.37</b>	—	—
	BC12D, BC12-85, BC19, F1	9010HD	9/16 x 10	475	4	9010HD	<b>\$29.97</b>	9010HD-CW	<b>\$48.56</b>
	All Model B Series prior to 1946	9090	9/16 x 9	425	4	9090	<b>\$26.14</b>	—	—
	Model 15A	13114	1 3/16 x 11 1/2	800	4	13114	<b>\$152.43</b>	—	—
Models F19 and F21	9010HDX	9/16 x 10	700	4	9010HDX	<b>\$37.71</b>	—	—	