

# SHIELDED IGNITION HARNESSSES



## AERO-LITE FAA APPROVED SHIELDED IGNITION HARNESSSES

Skytronics Aero-Lite harnesses are manufactured to rigid FAA-PMA and MIL-3702 specifications and are warranted to T.B.O. They are available for Lycoming, Continental and Franklin engines and come complete with all tiedowns and clamps. Original Aero-Lite harnesses feature the unique, screw-in magneto plate for easy replacement of worn-out leads. Aero-Lite II harnesses are built with new swaged (PMA) magneto plates, similar to those on original factory harnesses. Aero-Lite Custom harnesses use the customers original swaged magneto plates and are rebuilt to rigid Aero-Lite harness standards. Aero-Lite harnesses are available with or without 90° brass spark plug elbow fittings (see price table). Specify wire color choice of sky blue (standard), black, or red.



Continental Engines			Lycoming Engines		
Aero-Lite Part No.	replaces Slick	replaces Champion	Aero-Lite Part No.	replaces Slick	replaces Champion
C16-2BS-II	M1730	CH11730	A20-2AS-II	M2121	CH12121
C16-4BS-II	M1740	CH11740	A20-4AS-II	M2154	CH12154
C16-2AS-II	M1978	CH11978	A30-1BS-II	M2360	CH12360
C31-1AS-II	M2007	CH12007	A30-1AS-II	M2364	CH12364
C9-2BS-II	M2015	CH12015	A30-3AS-II	M2365	CH12365
C1-5AS-II	M2045	CH12045	A30-5AS-II	M4001	CH14001
C3-2AS-II	M2130	CH12130	<b>DUALS*</b>		
C1-1AS-II	M2351	CH12351	A45-10AS	M2917	10-821414-4
C16-11BS-II	M2381	CH12381			
C19-11AS-II	M2932	CH12932			

Stock 4 Cylinder Harnesses .....  
 Stock 6 Cylinder Harnesses .....  
 Stock 4 Cyl Dual Harnesses .....

**SEE WWW.AIRCRAFTSPRUCE.COM FOR LISTING OF STOCKED AEROLITE HARNESSSES.**

\*Core deposit of \$125 required unless dual magneto cover accompanies order.

\*\*Call us for prices on 8-cylinder harnesses or individual leads.

### PRICES FOR SPECIAL ORDER AERO-LITE HARNESSSES

<b>Aero-Lite Original harnesses</b> machined lead fittings screw into threaded magneto plate ports	4-cyl. Engines <b>\$195.00</b>	6-cyl. Engines <b>\$275.00</b>
<b>Aero-Lite II**</b> machined with new swaged magneto plates	4-cyl. Engines <b>From \$159.00</b>	6-cyl. Engines <b>From \$220.00</b>
<b>Aero-Lite Custom harnesses</b> Rebuilt to customer specifications using original swaged magneto plate.** An example of the Aero-Lite Custom harness is the dual Bendix harness.	4-cyl. Bendix	6-cyl. Bendix
<b>CALL FOR QUOTE</b>		
* Core deposit of \$125 required unless dual magneto accompanies order. **Call for prices on 8-cylinder harnesses or individual leads.		
Note: For 90° brass spark plug elbow fittings, add \$60 to 4-cylinder prices, and \$80 to 6-cylinder prices.		
All other Aero-Lite harnesses normally ship within 2 days.		

### ORDERING IS SIMPLE! JUST SPECIFY:

Harness Leads: Threaded or Swaged  
 Lead Termination: 90° Elbows or Straight fittings  
 Spark Plug Size: REM (5/8") or RHM (3/4")  
 Complete Engine Make and Model: \_\_\_\_\_

Complete Magneto Type: \_\_\_\_\_

Wire Color; Blue, Black, Red or Yellow: \_\_\_\_\_

**... AND WE'LL DO THE REST!**

## LIGHTWEIGHT HIGH TEMPERATURE SHIELDED IGNITION HARNESSSES

MFG. BY ACS PRODUCTS CO.



New production ignition harnesses at remarkably low prices. Late type 5MM wire constructed of 16 strands of tightly braided copper wire impregnated with scuff resistant white silicone. All strands must fracture before a complete open circuit type failure occurs thus extending lead life. Lead flexibility is retained from -65° to 400° F. Moisture and cleaning solvent penetration is eliminated by the impregnated silicone coating. This extremely flexible wire lends itself to sharp bends thereby eliminating the need for old style harness elbows. No soldered joints in the grounding circuit. Custom made for most 4 cylinder and 6 cylinder engines using Bendix or Eisemann magnetos and 4 cylinder engines using Slick magnetos. Cable outlet plates are not furnished for Bendix and Eisemann mags as these are already installed on the magnetos in service. They must be purchased separately for new magneto installations. Harnesses for Slick magnetos are furnished with the backplates installed. Standard harnesses for the Bendix S4/S6 mags are fitted with a male nut which screws into the threaded outlet plate on the back of the mag. On some installations, the wires run through an unthreaded plate and attach directly to the mag terminals eliminating the use of the nut. If such a harness is required, send the old harness to us and it will be duplicated. Add \$60.00 to price of harness for custom work required. Harnesses for old style Bendix SF4 and SF6 magnetos are fitted with female nuts.

### HARNESSSES FOR BENDIX AND EISEMANN MAGNETOS

All 4-Cylinder Harnesses (8 wires) .....  
 All 6-Cylinder Harnesses (12 wires) .....  
 (Not Available for Bendix S1200 Magnetos)  
 Replacement Leads to 48" (Specify Length) ..... **Call For Quote**  
 (Bendix & Eisemann only)

### HARNESSSES FOR SLICK MAGNETOS

For 4000, 4200 & 4300 Series Mags (4 Cyl.) Only .....

All Harnesses Furnished with Cable Ties and Clamps  
 For plugs with 5/8-24 barrel size only.

BENDIX MAGNETOS		SLICK MAGNETOS	
Engine/Magneto	Part No.	Engine/Magneto	Part No.
Cont. A-65/S4	12301-02	VW (M2266) *	12304-32
C-85/S4	12301-05	Lyc 0-235 (M2363)	12304-33
C-90/S4	12301-06	0-290 (M2363)	12304-33
0-200/S4	12301-05	0-320,0-360 (M2363)	12304-33
LYC. 0-100/S4	12301-21	Cont. 0-200 (1780)	12304-31
0-235/S4	12301-21	C-75 (1780)	12304-31
0-290/S4	12301-21	C-85 (1780)	12304-31
0-320/S4	12301-22	C-90 (1780)	12304-31
0-360/S4	12301-22	<b>EISEMANN MAGNETOS</b>	
Cont. A-65/SF4	12302-02	<b>Engine/Magneto</b>	<b>Part No.</b>
A-75/SF4	12302-03	Cont A65/LA-4	12303-04
Lyc. 0-100/SF4	12302-20	A75/LA-4	12303-04
0-235/SF4	12302-20	C-85/LA-4	12303-07
0-290/SF4	12302-20	E-185/LA-6	12306-12
Cont. E-185/S6	12305-10	Franklin 150/LA-6	12306-40
E-225/S6	12305-11	<b>*This harness only comes with 4-leads.</b>	
O-470/S6	12305-13	ACS Products ignition harnesses can be used on experimental aircraft or on certified aircraft with field approval (FAA Form 337). If FAA/PMA harness is mandatory or if for use with 3/4" spark plugs, use Slick Bendix, Aero-Lite or Champion harnesses.	
C-145/S6	12305-09		
O-300/S6	12305-09		
Lyc. 0-540/S6	12305-22		
IO-540/S6	12305-22		
Franklin165/S6	12305-41		
Cont.C-125-SF6	12307-08		
Lyc.0-435/SF6	12307-23		

EP