



**CONTINENTAL**

**FRANKLIN**

Formula, position # 5. Magneto ports point in different directions. **Vertical (-SFV)** at Part Number Formula, position # 5. Magneto ports point in the same direction.  
**9** = Bendix 1200 Series 8 Cyl. Place a -1 in Part Number Formula, position # 5.  
**10** = Bendix 2000/3000 Series Leave Part Number Formula, position # 5 blank.  
**11** = Slick 6000 Series 6 Cyl. This harness is not available in Magneto Plate type Blank.

plates)  
**II** = Aero-Lite II manufactured with new FAA/PMA swaged magneto plates.  
**LA, SFO, SFV** = For the -8 magneto type.

**AVCO LYCOMING ENGINES**

Cylinder	Aero-Lite Harness Code	Engine Type	Variation No.	Cylinder	Aero-Lite Harness Code	Engine Type	Variation No.
4	A1	<b>O-235</b>	-C2B, -F2B, -L2C, -J2B	4	A5	<b>IO-360</b>	-A1B, -A1C, -A2B, -A2C, -C1E6, -C1F, -C1B, -D1A (WIDE DECK)
4	A2	<b>O-235</b>	-C1, -C1A, -C1B, -C1C, -C2A, -C2C, -F1, -F1B, -F2A, -J2A, -L2A	4	A6	<b>IO-360</b>	-B1E, -B2E, -E1A, -F1A (PN78551) (WIDE DECK)
4	A2	<b>O-290</b>	-D, -D2, -D2A, -D2B, -D2C, -11	4	A38	<b>IO-360</b>	-A1AD, -A1B6D, -A1D6D, -A1F6D, -A3B6D, -A3D6D
4	A2	<b>IO-320</b>	-B1A, -B1C, -B1E, -B1L, -B2A, -D2B, -E1A, -E1B, -E2A, -E2B	4	A43	<b>IO-360</b>	-A1B6, A1D6 (BULLDOG T)
4	A3	<b>IO-320</b>	-B1D				

4	A4	(LW620505-1 OR 620505 PN76831) -B1A, -C1A	IO-320	4	A53	IO-360	A3B6D
4	A2	(LW620326-2 PN77019) -A1A, -A1B, -A1C, -A1D, -A2A, -A2B, -A2C, -A2D, -A2F, -A3B, -A3C, -A4A, -B1A, -B1B, -B1C, -B1L, -B2A, -B2B, -B2C, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -D1D, -D2G, -E1J (ALL WITH PN 78539, 78542, 78547, 78548)	O-320	4	A59	IO-360	-C1C6, -C1D6, -C1E6
4	A1	-A2F, -D1A, -D2A, -D2B, -D2C, -D3C, -D3G, -E2A, -E2C (PN 78546)	O-320	4	A60	IO-360	-A1B6
4	A3	-E2C (PN 76831)	O-320	4	A63	IO-360	-C1C
4	A4	-B1A, -C1A, -F1A	O-320	4	A73	IO-360	-A1A, -A1D
4	A30	-E2A, -E2B, -E2C, -E2D, -E2G, -E3D, -L2C (SLICK 4000 SERIES MAG)	O-320	4	A82	IO-360	(MOONEY, RANGER) -A4G
4	A45	-H1AD, -H2AD, -H3AD	O-320	4	A38	O-360	-A1F6D
4	A74	-D2J	O-320	4	A5	LIO-360	-C1B6, -C1E6 (WIDE DECK)
4	A2	-B1A	HIO-360	4	A68	LO-360	-E1A6D
4	A1	-A2C (WIDE DECK) (PN78546)	IO-360	4	A76	LO-360	-A1G6D
4	A2	-A1A, -A2A, -B1A, -B1B, -B1D, -B4A, -C1B, -C1D, -L2A	IO-360	4	A70	LTO-360	-A1A6D, -E1A6D
4	A8	-A1A, -C1A	HIO-360	4	A44	O-360	-A4G, -A4J, -A4K
4	A9	-C1B, -C1A, -D1A	HIO-360	4	A68	O-360	-E1A6D
4	A34	-D1A (IO-620510-4)	HIO-360	4	A76	O-360	-A1G6D, -A1CD, -A3AD
				4	A66	TIO-360	-C1A6D
				4	A66	TO-360	-A1A6D, -C1A6D, -E1A6D, -F1A6D
				4	A70	TO-360	-E1A6D, -F1A6D
				4	A7	VO-360	-A1A, -B1A
				4	A83	VO-360	-A1B
				6	A10	GO-435	ALL
				6	A11	O-435	-21, -23, -23A, -23B, -25, -25A, -6, -6A (MANUAL 02-15BA3)
				6	A14	TIVO-435	-A1A

4	A52	<b>HIO-360</b>	-E1AD
4	A57	<b>HIO-360</b>	-E1BD, -F1AD
4	A75	<b>HIO-360</b>	-F1A6D (TURBO ENSTROM HELICOPTER)
4	A2	<b>HO-360</b>	-A1A, -B1A, -B1B
4	A1	<b>O-360</b>	-A1F, -A1G, -C2A, -A1F6, -A1G6 (WIDE DECK)
4	A2	<b>O-360</b>	-A1A, -A1AD, -A1B, -A1C, -A1D, -A2A, -A2D, -A2F, -A3A, -A4A, - A4M, -B1A, -B1B, -B2A, -B2B, -C1A, - C1C, -C1E, -C1F, -C2A, -C2B, -C2C, - C2D, -C2E, -D1A, -D2A, -F1A6, -G1A6

6	A11	<b>TVO-435</b>	-A1A (PN78541)
6	A12	<b>TVO-435</b>	-D1B
6	A33	<b>TVO-435</b>	-B1A, -B1B (BELL 47), -D1A
6	A32	<b>TVO-435</b>	-F1A, -G1A, -G7A
6	A11	<b>VO-435</b>	-A1B, -A1C, -A1D, -A1E, -A1F, -A1S (PN77093)
6	A13	<b>VO-435</b>	-B1A, -B1B, -B1B3
6	A25	<b>VO-435</b>	(WET SUMP ENGINE) -A1D, -A1E, -D1B (PN77018) -A1F (WASP HELICOPTER)
6	A65	<b>VO-435</b>	-A1F (BELL 47)

## AVCO LYCOMING ENGINES

Cylinder	Aero- Lite Harness	Engine Type	Variation No.
6	A10	GO-480	-B, -B1A6, -B1C, -B1D, -B1E6, -B1F, -C1D6, -C2C6, -C2E6, - D1A, -F6, -G1A6, -G1B6, -G1D6, -G1E6 (ALL PN78544 REAR MTD. MAGS)
6	A15	GO-480	-D1A, -D1B (SIDE MTG MAGS PN78545)
6	A16	GO-480	-G1J6 (PN77652 REAR MTG. MAGS)
6	A17	GSO-480	-B1J6
6	A27	GSO-480	-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6
6	A27	IGSO-480	-A1A6, -A1B6, -A1E6
6	A81	TSIO-520	-CE
6	A22	IGO-540	-A1A, -A1B, -A2B, -B1A, -B1B, -B1C
6	A23	IGSO-540	-A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C
6	A18	IO-540	-A1A5, -B1A5, -B1C5, -C2C, -C4B5, -D4A5, -E1A5, - E1B5,
6	A20	*O-540	<b>Variation No.</b> -A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A2D, -A4A5, -B1A5, -B1B5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -B4C5, -E4C5, -R1A5, -N1A5 (PN78535)
<b>* NOTE: FOR O-540, A18 LEADS ARE FOR 78543 ENGINES &amp; A20 LEADS ARE FOR 78535 ENGINES. A20 LEADS ARE LONGER, IF IN DOUBT, USE A20 LEADS.</b>			
6	A19	O-540	-B2B5, -B2C5, -E4C5, -G1A5, -G2A5 (PN77514 & PN78534)
6	A49	O-540	-H2B5D, -J1A5D, -J1B5D, -J1C5D, -J2B5D, -J2C5D
6	A61	O-540	-J3C5D, -L3C5D
6	A54	O-540	-9 (HILLER 12E)
6	A64	O-540	-J3A5D
6	A28	TIO-540	-E1A4, -E1AD4, -E1C4, -E1D4 (CROSS FIRE)
6	A36	TIO-540	-A1A, -A1B, -A2A, -A2B, -A2C,

6	A20	<b>IO-540</b>	-G1A5, -K1A5, -J4B5 (PN78537) -B2B5, -C1B5, -C2C, -D4A5 (PN78535)	6	A37	<b>TIO-540</b>	-AE2A, -AF1A, -AG1A -C1A, -C1A5
6	A21	<b>IO-540</b>	-C1B5, -G1B5, -G1C5, -G1D5, -G1E5, -K1A4, -K1A5, K1B5, - K1E5, -K1F5, -K1G5, -K1J5 (PN76885)	6	A40	<b>TIO-540</b>	-F2BD, -J2BD, -N2BD, -R2AD
6	A37	<b>IO-540</b>	-J4A5, -M1A5	6	A42	<b>TIO-540</b>	-R2AD
6	A61	<b>IO-540</b>	-J3C5D	6	A51	<b>TIO-540</b>	-S1AD
6	A81	<b>IO-540</b>	-C4B5D, -C4D5D	6	A81	<b>TSIO-540</b>	-CE
6	A49	<b>IO-540</b>	-D1A5D, -D1B5D, -J3C5D, - K1A5D, -K1B5D, -K1E5D, -K1G5D	6	A11	<b>TVIO-540</b>	-A2A (PN77017)
6	A56	<b>IO-540</b>	-AA1A5, -S1A, -S1A5	6	A11	<b>VO-540</b>	-A1A, -B1A, -B1B, -B1D, -B2D (PN77017)
6	A69	<b>IO-540</b>	-T4A5D, -T4B5D, -T4C5D, -W1A5D, -W3A5D, -V4A5D	6	A12	<b>VO-540</b>	-B1B, -B1B3, -B1C, -B1F, -B2A, -B2B5, -C1A, -C1B, -C1C3, -C2A, -C2B (PN77018)
6	A72	<b>IO-540</b>	-M1B5D	6	A54	<b>VO-540</b>	-C2A (HILLER CUSTOM)
6	A12	<b>IVO-540</b>	-A1A (PN77018)	6	A35	<b>TIGO-541</b>	-E1A
6	A40	<b>LTIO-540</b>	-F2BD, -J2BD, -N2BD, -R2AD, - S1AD	6	A24	<b>TIO-541</b>	-E1A4, -E1B4 (STANDARD)
6	A18	<b>*O-540</b>	-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A2D, -A3D5, -B1A5, -B1B5, -B2A5, -B4A5, -E4A5, -E4B5 (PN78543)	6	A26	<b>TIO-541</b>	-E1A4, -E1B4, -E1C4, -E1D4 DUKE (CROSS FIRE)
				8	A29	<b>IO-720</b>	-A1A, -A1B, -B1A, -B1B, -C1B
				8	A47	<b>IO-720</b>	-D1BD, -D1CD
				8	A67	<b>IO-720</b>	-A1BD, -B1BD, -C1BD