

Alternator Replacements for Primary Alternators  
**APPLICATION GUIDE BY AIRCRAFT**



Plane-Power alternators are FAA PMA certified to replace the alternators listed for the following aircraft:

**Note:**

- Installation requires only a logbook entry, No F.A.A. Form 337 required, on applicable installations.
- All PMA Approved Alternators state voltage in the name - e.g. - AL12 is 12 volt AL24 is 24 volt.
- Be certain you get the proper voltage Alternator for your airplane as some airplanes could be covered by 12 and 24 volt alternators.
- If the airplane originally had a generator check our Generator to Alternator Conversion Kits at [www.plane-power.com/stc.pdf](http://www.plane-power.com/stc.pdf)

American Champion	OEM Part #	PP Part #
7ECA, 7GCAA, 7GCBC, 7KCAB, 8GCBC, 8KCAB	ALY-8420	<a href="#">AL12-P70</a>
Beechcraft	OEM Part #	PP Part #
19A, B19, M19A, 23, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	33-380009-1	<a href="#">AL12-F60</a>
19A, B19, M19A, 23, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	ALE-8105A	<a href="#">AL12-P70</a>
76 Duchess, 77Skipper	ALE-8406	<a href="#">AL12-P70</a>
76 Duchess	ALY-8420	<a href="#">AL12-P70</a>
B19, C19, C24R	ALU-8421	<a href="#">AL24-P70</a>
	ALU-8421R	<a href="#">AL24-P70</a>
Daimond Aircraft Industries GmbH	OEM Part #	PP Part #
DA40	ALU-8421LS	<a href="#">AL24-70</a>
Cessna	OEM Part #	PP Part #
177, 177A, 177B	C611501-0101	<a href="#">AL12-F60</a>
172I, 172K, 172L, 172M, 172N, 172P, 177, 177A, 177B, 177RG	C611501-0102	<a href="#">AL12-F60</a>
P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206D, U206E, TP206A, TP206B, TP206C, TP206D, TP206E, TU206B, TU206C, TU206E, 207, T207, 210B, 210C, 210D, 210E, 210F, T210F, T210G, T210H, T210J 180H, 180J, 180K, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 185E, A185E, A185F, 188, P206C, U206C, U206D, U206E, U206F, U206G, TP206C, TU206B, TU206C, TU206E, TU206F, TU206G, 207, T207 180H, 182G, 182H, 185D, 210E 188, A188, A188A, A188B, 210K, T210K, 210G, 210H 152, A152, 172M, 172N, 172P, 172Q, 172RG, 177B, 177RG, R182, TR182 180J, 180K, 182P, 182Q, 182R, T182, U206E, U206F, U206G, TU206E, TU206F, TU206G, 207, T207, 210K, 210L, 210M, 210N, 210R, P210N, P210R, T210K, T210L, T210M, T210N,	C611501-0101	<a href="#">AL12-F60C</a>
	C611501-0102	<a href="#">AL12-F60C</a>
	0750217-1	<a href="#">AL12-F60C</a>
	1570213-6	<a href="#">AL12-F60C</a>
	C611503-0102	<a href="#">AL24-F60</a>
	C611503-0102	<a href="#">AL24-F60C</a>

T210R, A185F, 207A, T207A 188, 188A, 188B, A188, A188A, A188B, T188C, 207, T207 172R, 172S, 182S*, 182T*, T182T* *S/N182001(1997) through 18281197(2004)	1570213-7  9910591-5 9910591-11	<a href="#">AL24-F60C</a>  <a href="#">AL24-FS60</a>
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Commander	OEM Part #	PP Part #
112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC	LW14316	<a href="#">AL12-P70</a>

Grumman (Gulfstream, Tiger)	OEM Part #	PP Part #
AA-1, AA-1A, AA-1B, AA-1C	ALE-6420 / ALY-6420 LW-14310	<a href="#">AL12-P70</a>
AA-5, AA-5A, AA-5B, AG-5B, GA-7 AG-5B	DOFF-10300J ALU8421LS	<a href="#">AL12-F60</a> <a href="#">AL24-P70</a>

Mooney	OEM Part #	PP Part #
M20C, M20E, M20F, M20G, M20J M20J	ALY-8420 / ALX-8403 ALU6421LS	<a href="#">AL12-P70</a> <a href="#">AL24-P70</a>
M20M (Single alternator installations only)	ES-4009LS	<a href="#">AL24-P70</a>

Piper - (All Without Air Conditioning)	OEM Part #	PP Part #
PA-44-180, PA-44-180T	751 346	<a href="#">AL12-P70</a>
PA-28-151, PA-32R-301 (SP), PA-32-301T, PA-32R-301(HP), PA-32R-301T (SP), PA-32-301, PA-34-200, PA-38-112 PA-24-260	ALX8403	<a href="#">AL12-70</a>
PA-23-235, PA-23-250 PA-23-235, PA-23-250	ALX8403 ALU-8403	<a href="#">AL12-P70</a> <a href="#">AL24-P70</a>
PA-44-180, PA-44-180T	ALX8421LS	<a href="#">AL12-P70</a>
PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-235, PA-28R-180, PA-28R-200, PA-32-260, PA-32-300, PA-32R-300	69670-00 (60 amp)	<a href="#">AL12-C60</a>
PA-28-140, PA-28-151, PA-28-161, PA-28-180, PA-28-235, PA-28R-200, PA-32-300, PA-32R-300	69670-03 (60 amp)	<a href="#">AL12-C60</a>
PA-28-151, PA-28-161, PA-28-181, PA-28-236, PA-28R-201, PA-28RT-201, PA-32-300, PA-32R-300, PA-32RT-300, PA-32RT-300T	69670-04 (60 amp)	<a href="#">AL12-C60</a>

Vulcanair, S.P.A.	OEM Part #	PP Part #
P68, P68B, P68C, P68C-TC, P68 "OBSERVER", P68TC "OBSERVER", P68 "OBSERVER 2"	ALU-8421LS	<a href="#">AL24-P70</a>

## APPLICATION GUIDE BY ENGINE MANUFACTURER

In addition to the applications above, Plane-Power alternators are FAA PMA certified to replace Lycoming alternators on the following Lycoming engines:

**Lycoming Engine Model****Description****PP Part #**

Engine series 235, 320, 360, 540, 720

Replacement for 12v 70 amp (or less) Lyc

[AL12-P70](#)

Engine series 235, 320, 360, 540, 720

Replacement for 24v 70 amp (or less) Lyc

[AL24-P70](#)

Engine series 235, 320, 360, 540, 720

Replacement for 12v 70 amp (or less) Lyc

[AL12-70\\*](#)

Engine series 235, 320, 360, 540, 720

Replacement for 24v 70 amp (or less) Lyc

[AL24-70\\*](#)

\* Provided with boss mount bracket, starter strap, tension arm and hardware.