

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Whelen Engineering  
Route 145, Winthrop Road  
Chester, CT. 06412 – 0684

PMA NO. P00610NE  
SUPPLEMENT No. 5, Amdt. 1  
DATE 4/2/2004

Part Name	Part Number	Approved Replacement For Part No.	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
HDA-CF Power Supply	01-0770028-05	Modification Part	STC No. 615EA per 14 CFR §21.303 <u>Dwg. No.:</u> 70028 <u>Rev.:</u> U <u>Date:</u> 7/27/98 or later FAA approved revisions	See attached Eligibility list Pages 1 to 4	See attached Eligibility list Pages 1 to 4

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NOTE: Minor design changes (reference 14 CFR part 21§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR Part 21 §21.93 and §21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

Robert G. Mann  
Manager ACO ANE – 150

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Manager ANE MIDO – 41

**PMA SUPPLEMENT NO. 5 (Amendment 1) ELIGIBILITY LIST**  
**For Whelen Engineering P/N 01-0770028-05**

<b>A/C MANUFACTURER</b>	<b>MODEL</b>	<b>TYPE CERTIFICATE</b>
<b>Aero Commander</b>	*100, 100-180	<b>1A21</b>
	111	<b>A11SO</b>
	112	<b>A12SO</b>
	500, 500A, 500B, 500-S, & 500-U, 520, 560, 560A, 560E 560F, 680, 680E, -F, 720, 680FL, 680FL (P),	<b>6A1</b>
	680T, V, W, 681, 690, 685	<b>2A4</b>
<b>American Aviation</b>	*AA-1, *AA-1A	<b>A11EA</b>
	AA-5	<b>A16EA</b>
<b>Beech</b> (Raytheon Aircraft)	23, A23, A23A, A23-19, -24, -19A, B19, M19A, B23, C23, A24, A24R	<b>A1CE</b>
	35, A35, B35, C35, D35, E35, F35, G35, 35R	<b>A-777</b>
	H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, E33, E33A, E33C, F33, F33A, F33C	<b>3A15</b>
	50(L-23A), B50 (L-23B), C50, D50(L-23E), D50A, D50B, D50C, D50E, E50 (L-23D, RL-23D), F50, G50, H50, J50	<b>5A4</b>
	95-55, 95-A55, 95-B55, 95-B55B (T-42A), 95-B55D 95C55, 95, B95, B95A, D95A, E95, D55, D55A, E55, E55A, 56TC, A56TC, 58	<b>3A16</b>
	65-(L23F), A65, A65-8200, 65-80, 65-A80-8800, 65-B80, 65-88, B90, C90, 65-90, 65-A90, 65-A90-1, (U21A, RU-21A, RU-21D), 65-A90-2, (RU-21B), 65-A90-3, (RU-21C), 70	<b>3A20</b>
	60, A60	<b>A12CE</b>
	99, 99A, 100	<b>A14CE</b>
<b>Bellanca</b>	14-19-3A, 17-30, 17-30A, 17-31A, 17-31ATC	<b>1A3</b>
	7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KCAB	<b>A-759</b>

<b>Bell</b>	206A, 206B, 206L, 206L-1, 206L-3, 206L-4, 407	<b>H2SW</b>
	47B, B3, D, D1, E, C, C-2, H-1	<b>H-1</b>
	47G-2A, -2A-1, -3, -3B, -3B1, -3B-27, -4, -4A, -5, -5A	<b>2H3</b>
	47J, K, J-2, J-2A	<b>2H1</b>
<b>Britten Norman</b>	BN-2, -2A, -2A-2, -2A-6, -2A-B	<b>A17EU</b>
	BN-2A, MK.III	<b>A29EU</b>
<b>Cessna</b>	150, 150A, B, C, D, E, F, G, H, J, K, L, A150K, A150L, A150M, 152, A152	<b>3A19</b>
	172, 172A, B, C, D, E, F, G, H, I, K, L, M, N, P	<b>3A12</b>
	175, 175A, B, D, P172D, 172RG	<b>3A17</b>
	177, 177A, B	<b>A13CE</b>
	177RG	<b>A20CE</b>
	180, 180A, B, C, D, E, F, G, H, J, K	<b>5A6</b>
	182, 182A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R, T182, R182, TR182	<b>3A13</b>
	185, 185A, B, C, D, E, A185E, A185F	<b>3A24</b>
	188, 188A, B, A188, A188A, A188B T188C	<b>A9CE</b>
	206, P206, P206A, B, C, D, E, TU206A, B, C, D, E, F, G, TP206A, B, C, D, E, U206, U206A, B, C, D, E, F, G	<b>A4CE</b>
	207, 207A, T207, T207A	<b>A16CE</b>
	210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, 210-5(205), 210-5A(205A), T210K, 210L, T210L, T210M, T210N, 210N, P210N	<b>3A21</b>
	310, 310A, B, C, D, E, F, G, H, I, J, 310J-1, E310J, 310K, L, N, P, T310P, 310Q, T310Q	<b>3A10</b>
	*320, A, B, C, D, E, F, 320-1, 340, 340	<b>3A25</b>
	*336	<b>A2CE</b>
	337, 337A, B, C, D, E, F, T337D, E, F, G,	<b>A6CE</b>

<b>Cessna (Cont'd)</b>	*401, 401A, B, 402, B, 402, 402A, B, 411, 411A, 421, 421A, 414, 421B	<b>A7CE</b>
<b>DeHavilland of Canada</b>	DHC-2, MK.I, MK.II, MK.III	<b>A-806</b>
	DHC-3	<b>A-815</b>
	DHC-6 MODELS 1, 100, 110, 200, 210, 300	<b>A9EA</b>
<b>Fairchild Hiller</b>	FH-1100	<b>H2WE</b>
<b>Grumman</b>	G-164, G-164A,	<b>1A16</b>
<b>Helio</b>	H-250, H-295, H-391, H-391B, H-395, H395A	<b>1A8</b>
<b>Hughes</b>	269A, 269A-1, 269B, 269C, 396, A,H, HM, HS, HE	<b>4H12</b>
	396, A,H, HM, HS, HE	<b>H3WE</b>
<b>Piper</b>	** PA-11	<b>A-691</b>
	** PA-12	<b>A-780</b>
	** PA-14	<b>A-797</b>
	** PA-15	<b>A-800</b>
	**PA-16	<b>1A1</b>
	**PA-17	<b>A-805</b>
	**PA-18 Series, PA-19	<b>1A2</b>
	**PA-20	<b>1A4</b>
	**PA-22 Series,	<b>1A6</b>
	**PA-25 Series,	<b>2A8</b>
	PA-23, PA-23-160, *PA-23-235, *PA-23-250,*PA-E23-250	<b>1A10</b>
	PA-24, -24-250, -24-260, -24-400	<b>1A15</b>

<b>Piper (Cont'd)</b>	PA-28-140, -PA28-150, -28-151, -28-160, -28-161 PA-28R-180, PA-28-180, PA-28-235, PA-28S-160, -28R-180,-28S180, -28-181, -28R-200, -28R-201, -28RT-201T, -28-201T,-28-210T, -28-236	<b>2A13</b>
	PA-30, PA-39,	<b>A1EA</b>
	PA-31P	<b>A8EA</b>
	PA-31, PA-31-300, 325, 350	<b>A20SO</b>
	PA-32-260, -300, - 32S-300	<b>A3SO</b>

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**NOTES TO ELIGIBILITY LIST:**

\*1. Aircraft as marked require specific attention to proper balancing of rudder. Refer to the Service Manual for balancing instructions.

\*\*2. Installations on these aircraft require prior or concurrent installation of STC SA4-977.