

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA NO. PQ0610NE  
SUPPLEMENT NO. 7 Amndt 1  
DATE 2/3/2004

| Part Name   | Part No.   | Approved Replacement For Part Number | Approval Basis and Approved Design Data   | Make Eligibility                           | Model Eligibility                          |
|---|--|--------------------------------------|---|--|--|
| Tail Position & Strobe Light Assembly<br>A500A Series | 01-0770024-00<br>01-0770024-01<br>01-0770024-02<br>01-0770024-03<br>01-0770024-04<br>01-0770024-05<br>01-0770024-06<br>01-0770024-07<br>01-0770024-08<br>01-0770024-09<br>01-0770024-10<br>01-0770024-11<br>01-0770024-12<br>01-0770024-15<br>01-0770024-16<br>01-0770024-25 | Modification Part                    | STC SA800EA<br><u>DWG No: 70024</u><br><u>Rev: AF</u><br><u>Date: 6/28/02</u><br>or later FAA approved revisions. | See attached eligibility list pages 1 to 4 | See attached eligibility list pages 1 to 4 |

----- END OF LISTING -----

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 Jr.  
Manager ACO ANE – 150

Earl S. Seabrook  
Manager ANE MIDO – 41

**PMA SUPPLEMENT NO. 7 (Amendment 1) ELIGIBILITY LIST**  
**For Whelen Engineering P/Ns 01-0770024-00 thru -12 &**  
**01-0770024-15,-16, &-25**

| <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  | <b>6A1</b>              |
|                                     | 560F, 680, 680E, -F, 720, 680FL, 680FL (P), 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><br>(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, 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, -3B-1, -3B-27, -4, -4A, -5, -5A  | <b>2H3</b>   |
|                       | 47J, K, J-2, J-2A  | <b>2H1</b>   |
| <hr/>                 |  |              |
| <b>Britten Norman</b> | BN-2, -2A, -2A-2, -2A-6, -2A-8   | <b>A17EU</b> |
|                       | BN-2A, MK.III  | <b>A29EU</b> |
| <hr/>                 |  |              |
| <b>Cessna</b>         | 120, 140   | <b>A-768</b> |
|                       | 140A   | <b>5A2</b>   |
|                       | 150, 150A, B, C, D, E, F, G, H, J, K, L, M, A150K, A150L, A150M, 152, A152   | <b>3A19</b>  |
|                       | 170, 170A, 170B  | <b>A-799</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, 188B, T188C   | <b>A9CE</b>  |
|                       | 190, 195, 195A, B  | <b>A-790</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>  |

|                                  |  |              |
|----------------------------------|--|--------------|
| <b>Cessna (Cont'd)</b>           | *320, A, B, C, D, E, F, 320-1, 340, 340A                   | <b>3A25</b>  |
|                                  | *336   | <b>A2CE</b>  |
|                                  | 337, 337A, B, C, D, T337D, 337E, T3373, 337F, T337F, T337G | <b>A6CE</b>  |
|                                  | *401, 401A, B, 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, G-164B                                      | <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                                   | <b>4H12</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, -28-150, -28-151, -28-160, -28-161, -28-180,<br>-28-235, -28S-160, -28R-180, -28S-180, -28-181, -28R-200,<br>-28R-201, -28R201T, -28RT-201, -28RT-201T, -28-201T,<br>-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, PA-32-300, PA-32S-300  | <b>A3SO</b>  |
| <b>Mooney</b>              | M20B, C, D, E, F, G   | <b>2A3</b>   |
| <b>Mitsubishi</b>          | MU-2B, MU-2B-10, -15, -20, -30  | <b>A2PC</b>  |
| <b>Univair ( Stinson )</b> | 108, 108-1, -2, -3, -5,   | <b>A-767</b> |

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.

-----End Of Listing-----