

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA02192CH

This certificate issued to D'Shannon Products, Ltd.
1309 County Road 134
Buffalo, MN 55313

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.
(See Type Certificate Data Sheet 3A15 for complete certification basis)

Original Product-Type Certificate Number : 3A15
Make : Raytheon Aircraft Company
Model : 36; A36; A36TC

Description of Type Design Change:

Increase of maximum gross weight from 3600/3650 lb. to 4010 lb. for normal category operation.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. D'Shannon Products FAA approved Airplane Flight Manual Supplement (AFMS), Document No. FMS-36GW196-9, Revision 1, dated September 19, 2005, or later FAA approved revision, is required for Model 36 and A36, S/N E-1 through E-2110 except E-1946 and E-2104.
3. D'Shannon Products FAA approved Airplane Flight Manual Supplement (AFMS), Document No. FMS-36GW196-10, Revision 1, dated September 19, 2005, or a later FAA approved revision, is required for Model A36, S/N E-1946, E-2104, E-2111, and after.

(See Continuation Sheet 3)

This certificate and the supporting data, which is the basis for approval, shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 26, 2004

Date reissued : March 9, 2011, June 17, 2011

Date of issuance : October 14, 2005

Date amended :

By direction of the Administrator

Original Signed By:

Timothy Smyth

(Signature)

Timothy Smyth
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)



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(Continuation Sheet)

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Limitations and Conditions: (Continued from Page 1 of 3)

4. D'Shannon Products FAA approved Airplane Flight Manual Supplement (AFMS), Document No. FMS-36GW196-11, Revision 1, dated September 19, 2005, or a later FAA approved revision, is required for Model A36TC.
5. Models 36 and A36, S/N E-1 through E-2110 except E-1946 and E-2104, must have Continental IO-550-B engine installed Per STC No. SA2200SW and cooling air baffles installed per STC No. SA2200SW or SA368CH.
6. Optional installation of 15-gallon wing-tip tanks per STC No. SA153EA.
7. Optional installation of cooling air baffles on Model A36TC per STC No. SA368CH.
8. Optional installation of lower cowling access panel on Model 36 and A36 per STC No. SA414CH.
9. Optional installation of Vortex Generator per STC No. SA09074SC.
10. Optional installation of Gap Seals per STC No. SA09074SC.
11. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission, and that written evidence must be maintained in the aircraft's permanent records.

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