

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

Number SA01561CH

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 herein meets the airworthiness requirements of Part * of the * Regulations. **

Original Product - - Type Certificate Number: * *See attached FAA Approved Model List

*Make:** (AML) No. SA01561CH for list of approved aircraft

*Model:** models and applicable airworthiness regulations

Description of Type Design Change:

Installation of Hartzell Model PHC-(C, L)3YF-1RF/F8068(-2) three bladed propeller on Raytheon Aircraft Company (Beech) aircraft equipped with Teledyne Continental Motors six-cylinder engines in accordance with D'Shannon Products Installation Instructions as listed on AML No. SA01561CH, or later FAA approved revision.

Limitations and Conditions :

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. Modification is limited to aircraft that have been converted by D'Shannon Products STCs SA1-569, SA2361SW, SA2660SW, SA5635SW, SA5527SW, SA2200SW, or Allied Signal Aviation Services STC SA1035WE, Nogle and Black Aviation, Inc. STC SA1864SW, or Western Skyways, Inc. STC SA8676SW/SE8677SW.
3. FAA approved Airplane Flight Manual Supplement FMS-F8068-2, Rev. 1, dated July 1, 2003 or later FAA approved revision is required. Refer to FMS-F8068-2 for eligible hub applications.
4. Models equipped with IO-470-C and IO-470-N engines are eligible for blades F8068-2 (80" dia.) only.
5. Eligible engines: Teledyne Continental Motors IO-470-J, -K, -C, and -N, IO-520-B, -BA, -BB, TSIO-520-D, -DB and IO-550-B (limited to 285 hp).
6. Check aircraft Weight and Balance.
7. A copy of this certificate and FAA Approved Model List (AML) No. SA01561CH, dated September 3, 2003, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.
8. 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.

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 : April 30, 2001

Date reissued : March 7, 2011, June 17, 2011

Date of issuance : October 25, 2001

Date amended : September 3, 2003



By direction of the Administrator

Original Signed By:
Timothy Smyth

(Signature)

Timothy Smyth
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)