



Supplemental Type Certificate

Number: SVA562 Revision 0

This certificate, issued to: G. B. Shaw & Co. Pty. Ltd. trading as
Dalby Air Maintenance, ACN 126 639 763
Hangar 4 Aerodrome Road
Dalby, QLD 4405

Certifies that the change in the type design for the following product with the limitations and conditions as specified herein meets the airworthiness requirements of regulation 21.101 of CASR 1998.

Original Product: Type Acceptance Certificate Number: A78
Referenced TC Number: FAA A4SW
Make: Thrush Aircraft Inc. (Ayres)
Models: S2R-T34 and S2R-1820 aeroplanes

Description of Type Design Change: Installation of Hartzell HC-D4N-3A Hub with D9383 Blades

Limitations and Conditions: This approval should not be extended to aircraft of this model on which previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this modification and any of those previously approved modifications will produce no adverse effect upon the airworthiness of that aircraft.

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 suspended, cancelled or a termination date is otherwise established by the Civil Aviation Safety Authority.

For any additional limitation and conditions, refer to Supplemental Type Certificate Continuation Sheet SVA562.

Date of Application: 17 February 2012

Date of Issuance: 06 October 2015

This certificate issued pursuant to Part 21.113A of the Civil Aviation Safety Regulations 1998



Delegate of the Authority
Peter Nikolic
Manager – Initial Airworthiness
Airworthiness and Engineering Standards Branch

Supplemental Type Certificate

(Continuation Sheet)

Number: SVA562 Revision 0

Date of issuance: 06 October 2015

1. Applicability

1.1 This data sheet is applicable to Thrush Aircraft Inc. Model S2R-T34 and S2R-R1820 aircraft having a Pratt & Whitney Canada PT6A-41 Turbine Engine equipped with a 4 Blade Hartzell HC-D4N-3A Propeller Hub Assembly with D9383 Blades installed in accordance with C.W. Whitney Engineering Order EO-2492 Issue 1 procedures.

1.2 This data sheet is part of Supplemental Type Certificate Number SVA562 and shall be read in conjunction with FAA Type Certificate Data Sheet A4SW.

2. Component Designation

Components incorporated in accordance with Supplemental Type Certificate No. SVA562 are designated as follows:

- Hartzell HC-D4N-3A Propeller Hub Assembly
- Hartzell D9383 Blades in pairs, (Diameter Limit: 94 inches)

3. Serial Numbers Eligible for Modification

- Thrush Aircraft Inc. Model S2R-T34, Serial Number T34-101DC
- Thrush Aircraft Inc. Model S2R-R1820, Serial Number R1820-024DC

4. Certification Basis

As per the original product reference certificate

5. Limitations

The limitations given in the following approved data are supplementary to the conditions and limitations given in the original product reference certificate. The original conditions and limitations continue to apply unless superseded by the limitations given in the following approved data.

6. Documents

Approved data:

- Flight Manual Supplement Document No: THRUSH-FMS-4 BLADE PROP, Revision 2,
or later CASA approved amendments.


6/10/15