

Supplemental Type Certificate

Number: STC SVA565

This certificate issued to: General Aviation Maintenance
Hangar 1, Wirraway Rd
Essendon Fields VIC 3041

certifies that the type design for the following changed product with the limitations and conditions as specified herein meets the applicable airworthiness requirements listed in Type Certificate Data Sheet EASA.A.A359.

Original Product:

Type Acceptance Certificate Number:	A224
Referenced TC Number:	EASA.A.359
Make:	RUAG Aerospace Services GmbH
Model:	DORNIER 228-202

Description of Type Design Change:

A life extension program of the 'Aircraft General' structure excluding the Wing and Vertical Stabiliser. The extension requires replacement of airframe structure and the incorporation of a mandatory inspection program allowing operations beyond the current Dornier life limit of 29600 Flight Hours/37000 Flights for certain structure.

Conditions:

Prior to incorporating this design change, the installer shall establish that the interrelationship between this change and any other modifications incorporated into the aircraft will not adversely affect the airworthiness of the modified 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 shall remain in effect until suspended, cancelled or a termination date is otherwise established by the Civil Aviation Safety Authority.

Limitations: Refer to STC Continuation Sheet for limitations and type design data.

Date of application: 13 January 2015
Date of issuance: 14 December 2015

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



Glen Steemson
Delegate of the Authority

This certificate may be transferred in accordance with CASR (1998) 21.47

Supplemental Type Certificate - SVA 565

(Continuation Sheet)

Limitations

The following limitations are supplementary to the conditions and limitations given in the original Type Certificate. The original conditions and limitations continue to apply unless superseded by the limitations below.

Applicability

This STC is applicable to Dornier 228-202 aircraft incorporating Five Rings Engineering Order 5R-2286-EO1 Issue 1 Life Extension dated 27 November 2015 or later CASA approved document.

Airworthiness Limitations

To be eligible for the following life extensions, aircraft incorporating this STC must follow the TLMCM and the SLMCM detailed in 5R-2286-MMS1 Issue 1 dated 27 November 2015 or later CASA approved document.

Life Extension Limitations

This STC permits the operation of certain 'Aircraft General' structure until

- a) 40,000 Flight Hours, or
- b) 50,000 Flight Cycles.

Type Design Data

- 1) TM-TLMCM-228-090305-ALL, Dornier 228 Time Limits/Maintenance Checks Manual (TLMCM), Rev 6, dated Jul 01/2014.
- 2) 5R-2286-MMS1, Five Rings Supplemental Time Limits/Maintenance Check Manual (5RSTLMCM), Issue 1, dated 27 November 2015 or later CASA approved document.
- 3) Five Rings Engineering Order 5R-2286-EO1 Life Extension, Issue 1 dated 27 November 2015 or later CASA approved document.

Certification Basis

As per the original product reference certificate; PLUS (For wing attachment structure only) FAR 23.572, 23.573 as amended through to Amdt 23-48, effective 11 March 1996.

(Airworthiness Limitations) FAR23 Appendix G section G23.4 at Amdt 37, effective 18 August 1990.