

SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

STC Number	ZAS21835A702		
Name of Holder	Challenge Air CC		
Name of Previous STC Holder	N/A		
STC Issue Date	14-10-2021	Re-Issue Date	N/A
Physical Address of STC Holder	2 nd Floor-Building 16, The Woodlands Office Park, Woodlands Drive, Woodmead, Gauteng 2052		
Postal Address of STC Holder	P.O. Box 155, Paulshof, 2056, South Africa		
Applies to Product Type/ Model	Textron Aviation, Bae 125 series 800A and Hawker 800XP	Affected Type Certificate Number	FAA A3EU Revision 44
Description of Type Design Change	Installation of a RAVI AV-801 WAAS Antenna and Doubler in accordance with Challenge Air, Master Data List Doc No. MDL-WAAS-S-HS800, Revision 002 dated 20/09/2021 or later SACAA approved revision		

1. Supporting Technical Data

- 1.1 Installation of a RAVI AV-801 WAAS Antenna and Doubler in accordance with Challenge Air, Master Data List Doc No. MDL-WAAS-S-HS800, Revision 002 dated 20/09/2021 or later SACAA approved revision
- 1.2 Applicable On-Going Maintenance and Continued Airworthiness, in accordance with Document Number: OMI-WAAS-S-HS800, Revision 002. Dated 20/09/2021 or later SACAA-approved Revision.

2. Limitations

- 2.1 This approval should not be extended to product of these model(s) on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modification, including changes in type design, will introduce no adverse effect upon the airworthiness of that product.
- 2.2 This STC approval is for the structural provision for the installation of a doubler and RAVI AV-801 WAAS antenna only.

3. Conditions

- 3.1** 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.
- 3.2** This certificate and the supporting technical data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the SACAA.
- 3.3** Aircraft complying with the approved STC shall be restricted to operations within the borders of South Africa only. Operations outside this area of operation will be subject to approval by the country of intended operation.

4. Certification Basis

The certification basis for parts changed or affected by the change since the reference date of application, 15 December 2020, is based on FAA Title 14 CFR, Chapter 1, Part 25 Airworthiness Standard: Transport Category Airplanes amendment level 25-146 CFR DATA effective 19 November 2018.

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 Director of Civil Aviation.

14 October 2021

DATE OF ISSUE

SIMON SEGWABE
Executive
Aviation Safety Operation

NAME IN BLOCK LETTERS



For: DIRECTOR OF CIVIL AVIATION