



SUPPLEMENTAL TYPE CERTIFICATE

In terms of the
SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

STC Number	ZAS17602A702		
Name of Holder	Challenge Air cc		
Name of Previous STC Holder	N/A		
STC Issue Date	2017 -10- 2 5	Re-Issue Date	N/A
Physical Address of STC Holder	Woodlands Office Park, Unit 16, 2 nd Floor, Woodmead Drive, Woodmead, Gauteng, SOUTH AFRICA		
Postal Address of STC Holder	P.O. Box 155, Paulshof, 2056, Gauteng, SOUTH AFRICA		
Applies to Product Type/ Model	CRJ100 (CL-600-2B19)	Affected Type Certificate Number	A21EA
Description of Type Design Change	Installation of Structural Provision for the Falcon 360 GPS Antenna P/N: AF-LPA100V1-00 and Skin Doubler		

1. Supporting Technical Data

- 1.1 Installation of structural provision for Falcon Tracking System i.a.w. accordance with Challenge Air cc, Master Data List, Doc. No. MDL-FALCON-S-CRJ100-003 Dated 05 April 2017 or later SACAA-approved revision.
- 1.2 Applicable Instructions for Continued Airworthiness, in accordance with Challenge Air cc, Document Number: OMI-FALCON-S-CRJ100-001, Dated 05 April 2017 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 The STC is for the structural provision only. A separate approval is required for the installation of associated electrical/avionics systems.



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.

4. Certification Basis

The certification basis for the structural provision of the Falcon 360 GPS Antenna and Skin Doubler installation is defined in the Certification Plan, Challenge Air cc, CPL-FALCON-S-CRJ100-003 dated 05 April 2017 or later SACAA-approved revision. And Certification Compliance Checklist, Challenge Air cc, CCC-FALCON-S-CRJ100-003, dated 05 April 2017 or later SACAA-approved revision.2014, is based on 14 CFR Part 25 as amended by amendment 25-140 except for certain rules as identified below:

Original Certification Basis and Applicable Model List are stated under FAA TCDS A21EA.

NOTES:

None.

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.

2017 -10- 2 5

DATE OF ISSUE

Simon Segwabe
Executive: Aviation Safety Operations
Civil Aviation Authority

NAME IN BLOCK LETTERS

For: DIRECTOR OF CIVIL AVIATION

CA 21-C-03

13 JUNE 2014

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