

SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

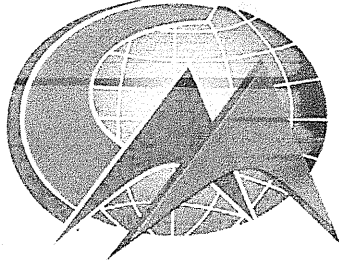
STC Number	ZAS14413A702		
Name of Holder	Challenge Air cc		
Name of Previous STC Holder	N/A		
STC Issue Date	10 November 2014	Re-Issue Date	N/A
Physical Address of STC Holder	Woodlands Office Park Unit 16, 2 nd Floor, Woodmead Drive, Woodmead		
Postal Address of STC Holder	P.O. Box 155, Paulshof, 2056		
Applies to Product Type/ Model	Embraer S.A. EMB-120ER	Affected Type Certificate Number	A31SO
Description of Type Design Change	Fabrication of doubler (P/N CAD-AG35D-EMB120-001) and installation of Garmin GA35 antenna (P/N 013 00235-00) and doubler in accordance with Challenge Air cc, Master Data List, Doc. No. MDL-GA35-S-EMB120-003, Dated 20 October 2014 or later SACAA-approved revision.		

1. Supporting Technical Data

- 1.1 Fabrication and installation of antenna doubler in accordance with Challenge Air cc "Master Data List", Doc. No.: MDL-GA35-S-EMB120-003, dated 20 October 2014, or later SACAA-approved revision, and Challenge Air cc "Installation Instructions – Structural", Doc. No.: INI-GA35-S-EMB120-002, dated 20 October 2014 or later revision.
- 1.2 Applicable Instructions for Continued Airworthiness, in accordance with Challenge Air cc "On-going Maintenance and Continued Airworthiness – Structural" Document Number: OMI-GA35-S-EMB120-002, dated 20 October 2014 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 **Note** this STC approval is for structural provisions only. A separate approval is required for the installation of the associated electrical/avionic 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.

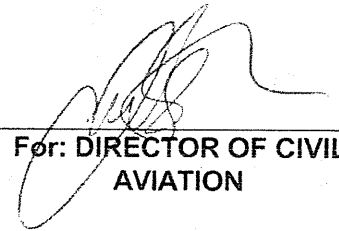
4. Certification Basis

The certification basis for parts changed or affected by the installation is defined in the Certification Plan, Challenge Air cc Doc no. CPL-GA35-S-EMB120-002, dated 20 October 2014 or later SACAA accepted revision; and "Certification Compliance Checklist", Challenge Air cc Doc. No. CCC-GA35-S-EMB120-002, dated 20 October 2014 or later SACAA accepted revision.

Certification Basis FAR 25 effective 01 February 1965, as amended through to 25-138.

Subash Devkaran
Senior Manager
Aircraft Certification Division
Civil Aviation Authority

11 NOV 2014



For: **DIRECTOR OF CIVIL AVIATION**

DATE OF ISSUE

NAME IN BLOCK LETTERS

For: **DIRECTOR OF CIVIL AVIATION**