



SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

STC Number	ZAS16923A702		
Name of Holder	Challenge Air CC		
Name of Previous STC Holder	N/A		
STC Issue Date	15 APR 2016	Re-Issue Date	N/A
Physical Address of STC Holder	Unit 16 Woodlands Office Park, 2 nd Floor, Woodmead, 2056 Gauteng, SOUTH AFRICA		
Postal Address of STC Holder	P. O. Box 155, Paulshof, 2056, Gauteng, SOUTH AFRICA		
Applies to Product Type/ Model	Airbus A319 Series	Affected Type Certificate Number	EASA.A.064 / FAA A43NM
Description of Type Design Change	Installation of Electronic Flight Bag (EFB) Mounting Brackets in accordance with Challenge Air CC, Master Data List, Doc. No. MDL-EFB-S-A319-100-001 dated 18 July 2015 or later SACAA-approved revisions.		

1. Supporting Technical Data

- 1.1 Installation of Electronic Flight Bag (EFB) Mounting Brackets in accordance with Challenge Air CC, Master Record Index, Doc No. MDL-EFB-S-A319-100-001, dated 18 July 2015 or later SACAA-approved revisions.
- 1.2 Applicable Instructions for Continued Airworthiness, in accordance with Challenge Air CC, Maintenance Instructions Checklist, Doc No. MIC-EFB-S-A319-100-001, dated 18 July 2015 or later SACAA-approved revisions.

2. Limitations

- 2.1 This approval should not be extended to aircraft 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 is for the structural provision of the EFB Mounting Bracket installation only.

Additional electrical and/or operational approvals may be required in order to utilise the portable EFB.

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, and revoked or a termination date is otherwise established by the SACAA.

4. Certification Basis

The Certification Basis is defined by Challenge Air cc, Certification Plan, Doc No. CPL-EFB-S-A319-100-001, dated 18 July 2015 or later SACAA approved revisions.

The certification basis for parts changes or affected by this change since the reference date of the application 06 June 2015, is based on FAA 14 CFR Part 25 at amendment 138, and EASA CS-25 at amendment 16.

NOTES:

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.

15 APR 2016

Subash Devkaran
Senior Manager (Acting)



DATE OF ISSUE

NAME IN BLOCK LETTERS

For: DIRECTOR OF CIVIL AVIATION



Physical Address: Ikhaya Lokundiza Treur Close Waterfall Park Bekker Street Midrand	Postal Address: Private Bag X 73 Halfway House 1685	Telephone Number: +27 11 545 1000	Southern Region Office: PO Box 174 Cape Town International Airport 7525	Telephone Number: +27 21 934 4744	E-mail Address: mail@caa.co.za
		Fax Number: +27 11 545 1465		Fax Number: +27 21 934 1326	Website Address: www.caa.co.za

Reference: **AO 518923**
Enquiries: Justice Makaula
Department: Certification

Telephone number: 011-545-1347
Fax number: 011-545-1462
E-mail address: makaulaj@caa.co.za

Date: 15 April 2016

The Accountable Manager

Challenge Air cc
P O Box 155
Paulshof
2056

Dear Sir,

SUPPLEMENTAL TYPE CERTIFICATE PROJECT NO.: AO 518923

Your application for the issuance of a South African Supplemental Type Certificate, allocated SACAA Project Number AO 518923, dated 06 July 2015 refers:

The SACAA has completed the evaluation of the subject change in type design and are enclosing your Supplemental Type Certificate (STC) No. ZAS16923A702 issued on 15 April 2016. Also enclosed is SACAA approved Master Data List, Challenge Air cc Doc No. MDL-EFB-S-A319-100-001 dated 18 July 2015 or later SACAA-approved revisions.

This certificate signifies approval of the type design change and authorises modification of the aircraft model(s) listed on the certificate only. A copy must be included with each kit you issue or each time you make the data available to other persons who intend to make the subject alteration. The certificate may be transferred or made available to others by means such as licensing agreement in accordance with South African Civil Aviation Regulations of 2011, as amended (SACAR), Part 21.02.12.

For your information, you are required to maintain an updated file related to this STC. If you plan to manufacture replacement or modification parts for sale in conformance with approved data list on the certificate, you are required to comply with SACAR 21.09.1. Application for Parts Manufacturer Approval (ZA-PMA) should be made on the prescribed form with reference to this STC No. ZAS16923A702 and addressed to the Certification Engineering section of SACAA.

Please note that SACAR Part 21.09.4(2) specifies that the SACAA does not issue a ZA-PMA if the manufacturing facility for the part is located outside of the Republic, unless the Director is satisfied that the location of the manufacturing facility will not impede the administration of the appropriate airworthiness requirements.

In accordance with SACAR Part 21.01.3, and as a recipient of this certificate, you are required to report any failure, malfunction, or defect, in any product or part manufactured by you or your contracted suppliers, and which you have determined has resulted or could result in any

occurrences specified under SA CATS 21.01.3. The report should be communicated to the Manager: Defect Reporting, Aircraft Certification at the SACAA, within 24 hours after it has been determined a failure has occurred.

You, as the STC holder, are responsible for any design changes necessary to correct unsafe conditions as well as for submitting those design changes to the Certification Engineering section at the SACAA for approval.

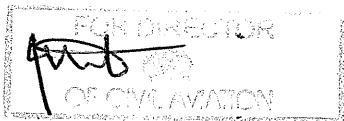
This requirement is contained in SACAR Part 21.01.4. In addition, you are required to advise this section of any changes of address.

Also, SACAR Part 21.02.13 requires that Instructions for Continued Airworthiness (ICA) and Aircraft Flight Manual (and Supplements), as applicable to this change in type design, be made available to the operator at the time the aircraft is returned to service.

By accepting this certificate, you acknowledge that you have read and understand your responsibilities as an STC holder.

Should you have any queries, please do not hesitate to contact SACAA.

Sincerely,



Justice Makaula

Certification Engineer

for: **DIRECTOR OF CIVIL AVIATION**