



CHALLENGE AIR
SACAA APPROVED DESIGN ORGANISATION
D702

CHALLENGE AIR

P.O. Box 155
Paulshof
2056

+27-10-594-0606
www.challengeair.co.za
projects@challengeair.co.za

BAE SYSTEMS (OPERATIONS) LIMITED
BAE 146 / AVRO 146-RJ
SERIES MODIFICATION
AS PER TCDS: EASA.A.182

**CHALLENGE AIR – INSTALLATION OF ELECTRONIC FLIGHT
BAG MOUNTING BRACKET**

SUPPLEMENTAL TYPE CERTIFICATE

MAINTENANCE INSPECTION CHECKLIST
STRUCTURAL

Aircraft details:

Make: BAE SYSTEMS (Operations) Limited
Models: BAE 146 / AVRO 146-RJ
Serial No: All
TCDS No: EASA.A.182
Revision Issue 4 (18-04-2017)

	NAME	FUNCTION	DATE	SIGNATURE
PREPARED	A. vd Heever	Head of Engineering	12-06-2017	<i>A vd Heever</i>
CHECKED	R. Berry	Design Engineer	12-06-2017	<i>R Berry</i>
APPROVED	P Clark	QA	12-06-2017	<i>Peter Clark</i>
SACAA APPROVAL				

ACCEPTED

MPHO THAVHANYEDZA
CERTIFICATION ENGINEER
CIVIL AVIATION AUTHORITY

2017 -07- 0 6

FOR DIRECTOR
The Director
OF CIVIL AVIATION



CHALLENGE AIR

CHALLENGE AIR
SACAA APPROVED DESIGN ORGANISATION
D702

P.O. Box 155
Paulshof
2056

+27-10-594-0606
www.challengeair.co.za
projects@challengeair.co.za

BAE SYSTEMS (OPERATIONS) LIMITED
BAE 146 / AVRO 146-RJ
SERIES MODIFICATION
AS PER TCDS: EASA.A.182

**CHALLENGE AIR – INSTALLATION OF ELECTRONIC FLIGHT
BAG MOUNTING BRACKET**

SUPPLEMENTAL TYPE CERTIFICATE

MASTER DATA LIST
STRUCTURAL

Aircraft details:

Make: BAE SYSTEMS (Operations) Limited
Models: BAE 146 / AVRO 146-RJ
Serial No: All
TCDS No: EASA.A.182
Revision Issue 4 (18-04-2017)

	NAME	FUNCTION	DATE	SIGNATURE
PREPARED	A. vd Heever	Head of Engineering	01-03-2019	
CHECKED	R. Berry	Design Engineer	01-03-2019	
APPROVED	P. Clerk Matlhogoholo Ramukumba	QA	01-03-2019	
SACAA APPROVAL	Certification Engineer Civil Aviation Authority		01/03/2019	 FOR DIRECTOR OF CIVIL AVIATION

BAE SYSTEMS (Operations) Limited
BAE146 / AVRO 146-RJ SERIES
TCDS: EASA.A.182

MASTER DATA LIST
EFB BRACKET INSTALLATION
MDL- EFB-S-RJ85-000



CHALLENGE AIR

P.O. Box 155
Paulshof
2056

CHALLENGE AIR
SACAA APPROVED DESIGN ORGANISATION
D702

+27-10-594-0606
www.challengeair.co.za
projects@challengeair.co.za

BAE SYSTEMS (OPERATIONS) LIMITED
BAE 146 / AVRO 146-RJ
SERIES MODIFICATION
AS PER TCDS: EASA.A.182

**CHALLENGE AIR – INSTALLATION OF ELECTRONIC FLIGHT
BAG MOUNTING BRACKET**

SUPPLEMENTAL TYPE CERTIFICATE

INSTALLATION INSTRUCTIONS
STRUCTURAL

Aircraft details:

Make: BAE SYSTEMS (Operations) Limited
Models: BAE 146 / AVRO 146-RJ
Serial No: All
TCDS No: EASA.A.182
Revision Issue 3 (15-01-2015)

	NAME	FUNCTION	DATE	SIGNATURE
PREPARED	A. vd Heever	Head of Engineering	12-06-2017	<i>A vd Heever</i>
CHECKED	R. Berry	Design Engineer	12-06-2017	<i>Berry</i>
APPROVED	P Clark	QA	12-06-2017	<i>Peter Clark</i>
SACAA APPROVAL	PHO THAVHANYEDZA	CERTIFICATION ENGINEER CIVIL AVIATION AUTHORITY	2017-07-06	<i>Thavhanyedza</i>

ACCEPTED

FOR DIRECTOR
Thavhanyedza
OF CIVIL AVIATION

BAE SYSTEMS (Operations) Limited
BAE146 / AVRO 146-RJ SERIES
TCDS: EASA.A.182

INSTALLATION INSTRUCTIONS
EFB BRACKET INSTALLATION
INI- EFB-S-RJ85-000



SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

STC Number	ZAS19544A702		
Name of Holder	Challenge Air cc		
Name of Previous STC Holder	N/A		
STC Issue Date	04 April 2019	Re-Issue Date	N/A
Physical Address of STC Holder	2 nd Floor, Unit 16, Woodlands Office Park, Woodmead, 2052		
Postal Address of STC Holder	P.O. Box 155, Paulshof, 2056		
Applies to Product Type/ Model	BAE SYSTEMS, BAe 146 / AVRO 146-RJ Series	Affected Type Certificate Number	EASA.A.182
Description of Type Design Change	Installation of Electronic Flight Bag Mounting Bracket in accordance with Challenge Air, Master Data List, Doc. No. MDL-EFB-S-RJ85-000 Dated 01-03-2019 or later SACAA-approved revisions.		

1. Supporting Technical Data

- 1.1 Installation of Electronic Flight Bag Mounting Bracket in accordance with Challenge Air, Master Data List, Doc. No MDL-EFB-S-RJ85-001 dated 01-03-2019 or later SACAA-approved revision and Challenge Air, Installation Instructions, Doc No. INI-EFB-S-RJ85-000, dated 06-07-2017 or later SACAA-approved revision.
- 1.2 Applicable Maintenance Inspection Checklist, in accordance with Document Number: MIC-EFB-S-RJ85-000, dated 06-07-2017 or later SACAA-approved Revision.

2. Limitations

- 2.1 This approval should not be extended to products 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 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.

4. Certification Basis

The certification Basis as defined by Challenge Air "Certification Plan", Doc No CPL-EFB-S-RJ85-001, 03-04-2017 and "Compliance Checklist", Doc No. CCC-EFB-S-RJ85-001, dated 07-04-2017.

The certification basis for parts changed or affected by the change since the reference date of application 30-11-2016 is based on EASA Certification Specification and Acceptable Means of Compliance for Large Aeroplanes CS-25 Amendment No. CS25-18.

Applicable Model List under EASA TCDS EASA.A182.

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.

2019 -04- 11

DATE OF ISSUE

Simon Segwabe
Executive: Aviation Safety Operations
Civil Aviation Authority

NAME IN BLOCK LETTERS



FOR DIRECTOR OF CIVIL AVIATION