



## SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

**SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED**

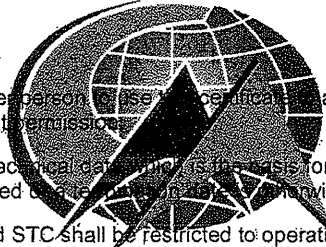
STC Number	ZAS14347A702		
Name of Holder	Challenge Air cc D702		
Name of Previous STC Holder	N/A		
STC Issue Date	26 June 2014	Re-Issue Date	N/A
Physical Address of STC Holder	2 <sup>nd</sup> Floor Unit 16, Woodlands Office Park, Woodmead, 2052		
Postal Address of STC Holder	P.O. Box 155, Paulshof, 2056		
Applies to Product Type/ Model	Pilatus PC - 6 / B2 - H4	Affected Type Certificate Number	TCDS NO 7A15 Revision 13
Description of Type Design Change	Installation of Geophysical Gradiometer and Gravity Survey System for Geophysical Survey Operations (Structural provisions only consisting of equipment rack and stinger boom). In accordance with Challenge Air cc, Master Data List, Doc. No.MDL-GRAV-S-PC6-003, Dated 17 June 2014 or later SACAA-approved revision.		

### 1. Supporting Technical Data

- 1.1 Installation of Geophysical Gradiometer and Gravity Survey System for Geophysical Survey Operations (structural provisions only). In accordance with Challenge Air cc, Master Data List, Doc. No. MDL-GRAV-S-PC6-003 Dated 17 June 2014 or later SACAA-approved revision.
- 1.2 Applicable Instructions for Continued Airworthiness, in accordance with Document Number: INI-GRAV-S-PC6-001 Dated 17 June 2014 or later SACAA-approved Revision.
- 1.3 Aircraft to be operated in accordance with Flight Manual Supplement, Document Number: FMS-GRAV-S-PC6-002, Dated 17 June 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 The STC is for the structural provisions only.



**3. Conditions**

- 3.1 If the holder agrees to permit another person to use or alter the product, the holder shall give the other person written evidence of that permission.
- 3.2 This certificate and the supporting technical data on which it is based for approval shall remain in effect until surrendered, suspended, and 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 aircraft to be modified has the following certification basis (as per FAA TCDS 7A15)

CAR 10, CAR 3 dated May 15, 1956 including amendments 3-1 through 3-5, Type Certificate No. 7A15, issued November 9, 1961.

Date of application for Type Certificate: October 11, 1980.

The Swiss Federal Office of Civil Aviation (FOCA) originally type certificated this aircraft under its type certificate Number F-56-10. The Federal Aviation Administration (FAA) validated this product under U.S. Type Certificate Number 7A15. Effective December 1, 2006, the European Aviation Safety Agency (EASA) began oversight of this product on behalf of Switzerland. The EASA TCDS No. has not been issued at this time.

**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

27 JUN 2014

DATE OF ISSUE

**LOBANG THABANTSO**  
**MANAGER**  
**CERTIFICATION ENGINEERING**  
**CIVIL AVIATION AUTHORITY**

NAME IN BLOCK LETTERS

for: DIRECTOR OF CIVIL AVIATION