



SOUTH AFRICAN CIVIL AVIATION AUTHORITY

APPROVAL CERTIFICATE

APPROVAL NO: D702

In terms of the Civil Aviation Regulations, 2011 and subject to the conditions specified below, the South African Civil Aviation hereby certifies

Challenge Air cc
2nd Floor, Unit 16, The Woodlands Office Park
Western Services Road
Woodmead
SOUTH AFRICA

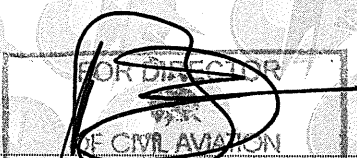
As a

DESIGN ORGANISATION

approved according to Part 147, Subpart 2

CONDITIONS

1. The approval is limited to that specified in the enclosed Terms of Approval.
2. This approval requires compliance with the procedures specified in the Design Organisation Manual of Procedure, Ref. **DO-MOP-006, Revision 6, dated 24 October 2017**, or later SACAA approved revisions.
3. This approval is valid until **31 October 2018** whilst the approved design organization remains in compliance with Part 147.



For: **DIRECTOR OF CIVIL AVIATION**

Simon Segwabe
Executive: Aviation Safety Operations
Civil Aviation Authority

2018 -01- 31

NAME IN BLOCK LETTERS

DATE OF ISSUE

DATE OF ORIGINAL ISSUE: 17 January 2012



TERMS OF APPROVAL

in terms of Part 147.02.8 of the
CIVIL AVIATION REGULATIONS, 2011.

The holder of Design Organisation Approval No.

D702

Is authorised to exercise the privileges of a Design Organisation Approved in terms of South African Civil Aviation Regulations Part 147 to the possession of such certificate with respect to -

1) **Scope of approval:** The Design Organisation has been granted for:

- a) Antenna installations for pressurised and non-pressurised aircraft;
- b) Structural modifications to aircraft to accommodate equipment installations;
- c) Structural modifications to aircraft for special purpose operations;
- d) Minor structural repairs to aircraft outside the scope of the OEM structural repair manual;
- e) Component design of parts and appliances;
- f) Aircraft modification to accommodate updated or alternate powerplant installations on small aircraft;
- g) Aircraft interior configuration changes;
- h) Electrical and system installation design including electrical load analysis and EMI testing provisions for new aircraft systems; and
- i) Avionics and electrical configuration changes

2) **Categories of products:**

- a) Small aircraft
- b) Large aircraft
- c) All rotary wing aircraft

3) **List of products:**

Types for which Challenge Air is the type certificate holder:

- a) N/A



4) **Privileges:**

- a) The holder of this design organisation approval shall be entitled to perform design activities under Part 21 and within its scope of approval.
- b) Subject to the provisions of regulation 147.01.4, any document submitted to the Director in terms of Part 21, by the holder of a design organisation approval to design products, parts and appliances, or changes thereto, for the purpose of obtaining –
 - i) a supplemental type certificatemay be accepted by the Director without further verification.
- c) The holder of an approval to design products or changes thereto, shall be entitled to, within its terms of approval –
 - i) classify design changes as “major” or “minor” under a procedure approved by the Director;
 - ii) obtain approval of minor design changes under modification procedures approved by the Director and issue corresponding information or instructions containing a statement that the technical content is approved;
 - iii) obtain approval of documentary changes to the MMEL and to the aircraft flight manual under a procedure approved by the Director, and issue such changes containing a statement that the changes are approved; and
 - iv) issue information or instructions not associated with changes except for actions required under Part 21.

5) **Limitations:**

N/A

This document is part of the Design Organisation Approval issued to Challenge Air cc.



For: **DIRECTOR OF CIVIL AVIATION**

Simon Segwabe
Executive: Aviation Safety Operations
Civil Aviation Authority

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