



**NAMIBIAN CIVIL AVIATION AUTHORITY
REPUBLIC OF NAMIBIA
DESIGN ORGANISATION APPROVAL**

1. Approval Number: <u>DOA-001</u>	2. Expiry Date: <u>10 January 2025</u>
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3. Name of Holder: : Challenge Air

4. Physical Address: <u>Challenge Air</u> <u>Floor 3,</u> <u>Building 13</u> <u>The Woodlands Office Park</u> <u>Woodmead, Sandton, 2053</u> <u>South Africa</u>	5. Postal Address: <u>Challenge Air</u> <u>P. O. Box 155</u> <u>Paulshof</u> <u>Sandton</u> <u>1683</u> <u>South Africa</u>
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6. Contact Person: <u>Darryl Beira - Accountable Manager</u>	E-mail: <u>info@challengeair.co.za</u> Website: <u>https://www.challengeair.co.za</u>
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7. Terms of Approval: The approval is limited to the specified Terms of Approval on the second Page (2).

8. I hereby certify that the holder of this approval has been duly approved in accordance with Part 147 of the Namibia Civil Aviation Regulations, 2001, as amended.

 Ms. Toska Sem EXECUTIVE DIRECTOR		<u>11th January 2024</u> Issue Date
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TERMS OF APPROVAL

In Terms of **Part 147.02.8**

Namibia Civil Aviation Regulations, 2001, as amended

The holder of the Design Organisation Approval Number: DOA-001

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

1) SCOPE OF APPROVAL

The **Challenge Air** Design Organisation has been granted approval for:

- (a) Design and analysis of structural and mechanical installation of aerial photography and mapping equipment, geophysical survey equipment and medical equipment on large and small fixed wing and small rotorcraft
- (b) Design and analysis of structural changes to the aircraft power plant and fuel tanks on small fixed wing aircraft.
- (c) Design and analysis of structural changes to the landing gear and control systems on small fixed wing aircraft and small rotorcraft.
- (d) Design and analysis of structural provision for antenna installation on aircraft with or without pressurised hulls, including fatigue and damage tolerance analysis on large and small fixed wing aircraft and all rotorcrafts.
- (e) Repairs to small fixed aircraft and small rotorcraft structures

2) CATEGORIES OF PRODUCT

- (a) Large and Small Fixed Wing Aircraft
- (b) Large and Small Rotorcraft

3) PRODUCTS

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4) PRIVILEGES

- (a) The holder of this design Organisation shall be intitled to perform design activities under **Part 21** and within the minor modification classification.
- (b) The holder of an approval to design products or changes thereto shall be intitled to, within the terms of Approval:
 - (i) Classify design changes as "major" and "minor" under a procedure approved by the Executive Director;
 - (ii) Obtain approval of minor design changes under a modifications procedure approved by the Executive Director and issue corresponding information or instructions containing a statement that the technical content is approved.
 - (iii) Issue information or instructions not associated with changes except for actions required under part 21.