



SUPPLEMENTAL TYPE CERTIFICATE

In terms of the

SOUTH AFRICAN CIVIL AVIATION REGULATIONS, 2011, AS AMENDED

Certificate Number	ZAS14331R702
Name of Holder	Challenge Air cc
Physical Address of Holder	Office No.4, Regus Building 2, Country Club Estate, Woodlands Drive, Woodmead
Postal Address of Holder	P.O. Box 1701, Gallo Manor, 2052
Product Type and Model Designation to which this Certificate Applies	Robinson Helicopter Company R44 II (S/N 12676 only)
Description of Type Design Change	Fabrication and installation of a Cutout Doubler (P/N CAD-A-FLIR-R44-001) in accordance with Challenge Air cc, Master Data List, Doc. No. MDL-Cutout-Doubler-R44-003, Dated 28 January 2014 or later SACAA-approved revision.

Limitations & Conditions:

1. Fabrication and installation of a Cutout Doubler in accordance with Challenge Air cc "Master Data List", Doc. No.: MDL-Cutout-Doubler-R44-003, dated 28 January 2014, or later SACAA-approved revision, and Challenge Air cc "Installation Instructions", Doc. No.: INI-Cutout-Doubler-R44-002, dated 27 January 2104 or later revision.
2. Applicable Instructions for Continued Airworthiness, in accordance with Challenge Air cc "On-going Maintenance and Continued Airworthiness" Document Number: OMI-Cutout-Doubler-R44-003, dated 27 January 2014 or later SACAA-approved revision.
3. Aircraft to be operated in accordance with Flight Manual Supplement, Document Number: FMS-Cutout-Doubler-R44-000, dated 13 September 2013 or later SACAA-approved revision. Aircraft to be operated in the **Restricted Category**.
4. This approval should not be extended to aircraft of these models 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 aircraft.
5. 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.
6. **Note** this STC approval is for structural provisions only. A separate approval is required for the installation of the associated electrical/avionic systems.

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.

Subash Devkaran

Senior Manager

Aircraft Certification Division

Civil Aviation Authority

04 FEB 2014

CA 21-C-03	DATE OF ISSUE	NAME IN BLOCK LETTERS	For: DIRECTOR OF CIVIL AVIATION
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