

No 12

Issue 13

March 2019

Issue of Certificate of Airworthiness

1 Purpose and scope

The Civil Aviation Directive CAD-AIRW/7-1 incorporates the Annex Part 21 to the European Commission Regulation No 748/2012 of 3 August 2012 as amended, as the technical standard applicable in the Seychelles for the certification of aircraft and related products, parts and appliances. The detailed requirements applicable to the issue of Certificate of Airworthiness are specified in Part 21 Subpart H.

The Civil Aviation Directive CAD-AIRW/10 incorporates the Annex I (Part M) to the European Commission Regulation No 1321/2014 of 26 November 2014 as amended, as the technical standard applicable in the Seychelles for the continuing airworthiness of aircraft and components.

Following evaluation, the SCAA has determined that not all of the provisions of Part 21 Subpart H and Part M are directly applicable to aircraft registered in the Seychelles. The procedures contained in this Airworthiness Notice apply as the Seychelles alternative for all applications associated with the issue of Certificates of Airworthiness.

A Certificate of Airworthiness will be issued to an aircraft that conforms to a certification standard acceptable to the SCAA and is shown to be airworthy at the time the certificate is to be issued. The aircraft certification standards acceptable to the SCAA are detailed in Airworthiness Notice No 6.

Unless otherwise surrendered, suspended or revoked and subject to continued compliance with the applicable certification standards and continuing airworthiness requirements, a Certificate of Airworthiness shall remain valid for a period of 12 months starting from the date of issue and shall expire at midnight UTC on the date of expiry.

However, an extension of up to one month may be granted as detailed in Airworthiness Notice No.16.

2 Application and eligibility

An application for the issue of a Certificate of Airworthiness shall be made to the SCAA Airworthiness Inspectorate using the SCAA AIR FORM 8 together with the requisite fee. A copy of this form can be downloaded from the SCAA web site (www.scaa.sc).

An application for the issue of a Noise Certificate for the aircraft shall be made to the SCAA Airworthiness Section on SCAA AIR FORM 8C together with the requisite fee. A copy of this form can be downloaded from the SCAA web site (www.scaa.sc), see paragraph 3 below.

In addition to the SCAA AIR FORM 8, an Export Certificate of Airworthiness or other transfer document acceptable to the SCAA is required, see paragraph 3 below.

The application for the issue of a Certificate of Airworthiness should be made at least two months in advance of the date of issue of the certificate for an aircraft type previously issued with a SCAA Certificate of Airworthiness or six months in advance for an aircraft type not previously certificated in the Seychelles.

Prior to the issue of a Certificate of Airworthiness, the SCAA will investigate the aircraft and its associated documents and records to be satisfied that the aircraft complies with the applicable certification standards and continuing airworthiness requirements and that it qualifies for the issue of such a certificate.

To avoid any delays in the investigation process, the applicant shall ensure that the applicable documentation required in paragraph 3 of this Airworthiness Notice is ready and made available to the SCAA at the time of application. The documentation review will preferably take place at the location where the aircraft records are kept.

The applicant shall make the aircraft available to the SCAA for inspection prior to the issue of the Certificate of Airworthiness. The applicant will contact the SCAA to arrange a date for inspection of the aircraft and to establish the aircraft configuration required for the inspection.

3 Airworthiness review

- 3.1 The applicant will prepare the following documentation for SCAA review as applicable to all aircraft, new and used.

Type Certification

Copies of the Type Certificate Data Sheets for the aircraft, engine and propellers, as applicable, are to be provided. The aircraft is to conform to a certification standard acceptable to the SCAA as detailed in Airworthiness Notice No 6.

For aircraft that have been modified since manufacture, copies of all applicable Supplemental Type Certificates are to be provided together with evidence of approval to a standard acceptable to the SCAA as detailed in Airworthiness Notice No 6.

Export Certificate of Airworthiness

An Export Certificate of Airworthiness issued by the Regulatory Authority of the last State of Registry and dated within 60 days of the application for a Seychelles Certificate of Airworthiness. An Export Certificate of Airworthiness may need to be issued by the exporting State of Registry prior to the aircraft being de-registered.

Some Regulatory Authorities do not issue an Export Certificate of Airworthiness and in such cases applicants should contact the SCAA for advice on what may be accepted as an alternative.

For a new aircraft manufactured in an EASA Member State in accordance with Part 21, an EASA Form 52 Statement of Conformity is acceptable in lieu of an Export Certificate of Airworthiness.

Certificate of Maintenance Review

The operator or the Continuing Airworthiness Management Organisation (CAMO) shall conduct a physical survey of the aircraft and full documented review of the aircraft records prior to issuing a CMR certificate IAW Airworthiness Notice 8.

Noise Certification

The application should include copies of the relevant noise certification documents issued by the aircraft Type Certificate Holder, and where applicable, the Supplemental Type Certificate Holder in respect of any modifications embodied since manufacture that affect the noise certification standard.

Nationality and Registration Markings

The applicant shall ensure that the nationality and registration markings, including the installation of the fireproof plate, are applied correctly and conform to the requirements of the Airworthiness Notice No 14.

Aircraft Flight Manual or equivalent

The Aircraft Flight Manual or equivalent document as specified by the Type Certificate holder must reflect the current configuration of the aircraft. The manual, including any temporary revisions, must be at the current revision status published by the Type Certificate holder and, where applicable, by the Supplemental Type Certificate holder(s).

Weight and Balance Report and Schedule

The applicant shall provide a copy of the last weighing report, including the calculations involved, and a copy of the weight and centre of gravity schedule which enables the calculation of the total loaded weight.

For aircraft used for commercial air transport, the weighing interval must not exceed 4 years (CAT.POL.MAB.100 (b)).

Avionics and Instruments

An electrical load analysis reflecting the status of the aircraft in its current configuration must be made available.

A copy of the last compass swing is required. Compass correction cards must be installed in the aircraft for all compasses where corrections apply.

A detailed list of all equipment that comprises the radio station is required. All radio equipment installed must be of an approved type. Further information on the equipment approval status can be found on either the JAA or EASA websites, for JTSA and ETSO approved equipment. All radio installations must be approved and must have the appropriate radio licence issued in accordance with Part 9, regulation 47 of the Civil Aviation Regulation 2017.

On receipt of an application for the issue of a Certificate of Airworthiness, the SCAA will inform the applicant of the Mode S 24 bit aircraft address code assigned to the aircraft. This address code must be installed on all Mode S transponders where fitted to the aircraft. A test must be carried out to verify that the aircraft is transmitting the correct code

on all installed transponders. Evidence that the code has been installed correctly is to be provided.

The Emergency Locator Transmitters must be registered and coded in accordance with the applicable Seychelles requirements.

Flight testing and check flights

For new aircraft the SCAA will require a copy of the manufacturer's production flight test schedule to show that the aircraft complies with its type certification standard.

For used aircraft, it is necessary to determine that an aircraft conforms to its type certification standard and is airworthy. In order to establish this, the SCAA will require a check flight to be carried out in accordance with a check flight schedule to be agreed with the SCAA.

Log books

Log books for the aircraft, engine, APU and propeller, as applicable, must be up to date and available for review. The entries in the log books should be in accordance with regulation 80 of the Civil Aviation (Safety) Regulations, 2017 and the Civil Aviation Directive CAD-AIRW/10. In particular, the airframe, engine and propeller flying hours, and associated flight cycles, as applicable, shall be shown as correctly recorded since new and since the last major check.

Owners/operators who wish to retain records by means other than log books will require written approval from the SCAA.

- 3.2 For used aircraft, and in addition to the information provided in paragraph 3.1 of this Airworthiness Notice, the applicant will need to provide the following evidence to the SCAA to establish that the modification and maintenance standards of the aircraft are acceptable to the SCAA.

Airworthiness Directives

A status summary of all airworthiness directives applicable to the aircraft, engines, propellers and appliances, and carried out since aircraft manufacture.

The applicability of Airworthiness Directives in the Seychelles is addressed in the Airworthiness Notice 19. The summary will include the following information as a minimum:

- Reference and revision number
- Subject and Title
- Compliance Status whether due or terminated giving the date of compliance, or whether not applicable giving the reason
- The period (date, cycles, hours) when last complied with and the next due period (date, cycles, hours) for repetitive Airworthiness Directives
- All steps and their current status shall be recorded for Airworthiness Directives with multiple mandatory actions
- Where an Airworthiness Directive has been complied with by using an alternative means of compliance (AMOC), full details must be provided including the authority for granting the AMOC.

The status summary shall be signed by an authorised person acceptable to the SCAA.

Airworthiness limitation items and Certification Maintenance Requirements

A status summary providing the following evidence:

- Airworthiness Limitation Items and Certification Maintenance Requirements are complied with and the prescribed limits have not been exceeded.
- Life limited components are properly controlled and that the time when replacement, overhaul or other maintenance action is next due is specified by date, hours or cycles as applicable for each component.

The status summary shall be signed by an authorised person acceptable to the SCAA.

Modifications

A record summary of all modifications embodied since aircraft manufacture.

This record will include service bulletins, major changes and any other local or minor modifications. Except for service bulletins issued by the original equipment manufacturer, evidence of approval in accordance with Airworthiness Notice 20 will be verified.

All modifications embodied on the aircraft are to be recorded in the applicable log books.

Repairs

A record summary of all repairs embodied since aircraft manufacture.

Except for repairs carried out in accordance with the Structural Repair Manual, full details of the repair scheme together with evidence of approval in accordance with Airworthiness Notice 20 will be made available for verification.

If a repair introduces additional maintenance requirements these will need to be included in the aircraft maintenance programme.

All repairs embodied on the aircraft are to be recorded in the applicable log books.

Maintenance history

A summary of all maintenance that has been carried out and certified on the aircraft since manufacture must be made available and supplemented by the aircraft records. Where applicable this summary should include scheduled inspections, Corrosion Prevention and Control Programme tasks, Supplementary Structural Inspection Document tasks and Critical Design Configuration Control Limitations.

A review of the previous maintenance should be carried out and compared to the aircraft maintenance programme which will apply when operating the aircraft on the Seychelles register. An alignment or bridging check may be required prior to the issue of the Certificate of Airworthiness; the content of this check must be agreed with SCAA.

All known defects must have been rectified or, when applicable, carried forward in accordance with procedures agreed by the SCAA.

Cabin configuration

A copy of drawings showing the current cabin configuration to an approved certification standard is to be provided. The drawing should show, where applicable, the location of

installed equipment and required placards, the seating layout and aisle widths, the access to emergency exits, the galleys and toilets.

4 EASA Part OPS CAT.IDE.A & CAT.IDE.H

The applicant shall complete and submit the Flight Ops Inspectorate Compliance checklist in Appendix A of the Safety Notice OPS SN-2017/01 [Appendix 4](#) or [Appendix 5](#). to the Flight Ops inspectorate for review

5 Appendix I

Notwithstanding the above, the applicant shall on the first day of the audit, prepare and make available to Airworthiness Inspector the document listed in Appendix I of this Notice.

6 **Aircraft inspection**

The aircraft survey is intended to establish the condition and conformity of the particular aircraft and will sample various structures/systems and installations together with the associated technical records. The applicant is therefore required to provide the necessary personnel and equipment to assist in the inspections required by the SCAA Inspector.

The aircraft should be presented in a clean condition, in a protected environment and in a configuration to facilitate the inspection such that,

- Doors, cowlings, panels are opened or removed for access to areas such as engine, cargo, landing gears, rotor hub, main gearbox, propeller.
- Electrical power is available.
- Slats/flaps are extended.
- Platforms/lifts, docking are available.

Any findings of non-compliance raised during the aircraft inspection will require immediate action prior to issue of the Certificate of Airworthiness.

7 **Notice revision**

This Notice becomes effective from the date of issue and supersedes Airworthiness Notice No 12, issue 11 May 2018 which should be destroyed.

Appendix I

1) Certificates and Licenses

- State of Design Type Certificate
- State of Design Type Certificate Data Sheet
- State of Manufacture Certificate of Airworthiness for Export
- State of Manufacture Noise Certificate for Export
- Statement of compliance with special requirements previously notified by the SCAA
- Airplane Flight Manual
- Master Minimum Equipment List
- As applicable, a copy of the last Certificate of Airworthiness (C of A)
- As applicable, a copy of the last registration certificate and the confirmation of de-registration.
- As applicable, a copy of the last radio license
- A copy of the Certificate of Airworthiness for export (Export C of A) dated less than 2 months, issued by the last State of Registry. An older Export C of A may be accepted depending on the history of the aircraft between the date of issuance and the date of the application.
- Certificate of Maintenance Review

2) General information

Airframe: Manufacturer Serial Number, Line Number
Hours/Cycles since new (TSN, CSN)
Hours/Cycles since last major check
Date of last major check

Engine(s): Serial Number (ESN) and Position
SN, CSN
Hours/Cycles/Time since last Shop Visit (TSLSV, CSLSV)
Type of last shop visit, with date and reference of CRS
Remaining Hours/Cycles/Time before S/V
First limiter if applicable

Propellers: Serial Number (S/N) and Position
TSN, CSN
Hours/Cycles/Time since last Shop Visit (TSLSV, CSLSV)
Type of last shop visit, with date and reference of CRS
Remaining Hours/Cycles/Time before S/V
First limiter if applicable

3) History of maintenance since manufacture

All scheduled and un-scheduled maintenance checks performed since last C of A renewal should be listed on a table. It should indicate the type of check, the date, A/C TSN/CSN, AMO and location where the checks took place.

4) Log Books

- Air Frame
- Engine
- Propellers

5) Airworthiness Directives status

Airframe, engines and components AD's should be listed on separate listings.
The following information should be presented on the status:

6) AIRFRAME AD:

- A/C type, MSN and Registration
- TSN/CSN
- Date of the report

- AD reference and revision number
- Subject
- Status of A/C against the AD (Due, terminated, not applicable with reason)
- Indication of repeat interval, if applicable
- Means of compliance (SB, AMS or other document)
- Where the AD mandates several actions, all steps shall be detailed
- Date/Hrs/Cycles of last compliance
- Date/Hrs/Cycles of next compliance

7) ENGINES AD:

- One status per engine
- Engine S/N and Position
- TSN/CSN
- Date of the report

- AD reference and revision number
- Subject
- Status of engine against the AD (Due, terminated, not applicable with reason)
- Indication of repeat interval, if applicable
- Means of compliance (SB, AMS or other document)
- Where the AD mandates several actions, all steps shall be detailed
- Date/Hrs/Cycles of last compliance
- Date/Hrs/Cycles of next compliance

8) PROPELLERS AD:

- One status per engine
- Propeller S/N and Position
- TSN/CSN
- Date of the report

- AD reference and revision number
- Subject
- Status of propeller against the AD (Due, terminated, not applicable with reason)
- Indication of repeat interval, if applicable
- Means of compliance (SB, AMS or other document)
- Where the AD mandates several actions, all steps shall be detailed
- Date/Hrs/Cycles of last compliance
- Date/Hrs/Cycles of next compliance

9) COMPONENTS (APPLIANCES) AD:

- A/C type, MSN and Registration
- TSN/CSN
- Date of the report

- AD reference and revision number
- Subject
- Status of component fitted on A/C against the AD (Due, terminated, not applicable with reason)
- S/N of component installed if AD is applicable
- Indication of repeat interval, if applicable
- Means of compliance (SB, AMS or other document)
- Where the AD mandates several actions, all steps shall be detailed
- Date/Hrs/Cycles of last compliance
- Date/Hrs/Cycles of next compliance

10) Modification status

All modification performed since aircraft delivery, including Service Bulletins, locally designed modifications (minor and major), Supplement to Type Certificates... should be listed with the following information:

- A/C type, MSN and Registration
- TSN/CSN
- Date of the report
- Document reference, with revision number
- Description
- TSN/CSN of aircraft at the time of accomplishment
- Work Order reference or Tech Log page number

11) Repair status

All structural repairs performed since aircraft manufacture should be listed and a special attention should be paid to those which design was not part of the Structural Repair Manual; The following information should be listed:

- A/C type, MSN and Registration
- TSN/CSN
- Date of the report
- Reference of the Repair Approval Sheet (or equivalent), with revision number
- Description
- TSN/CSN of aircraft at the time of accomplishment
- Work Order reference or Tech Log page number
- Reference of the State of Design approval (either direct approval or delegation to design organisation).

12) Certification Maintenance Requirements/Airworthiness Limitation Items

As applicable, a status of all CMR/ALI shall be provided.

The status shall be broken down in two separate parts (ALI and CMR) and provide the following information:

- A/C type, MSN and Registration
- TSN/CSN
- Date of the report

- ALI/CMR reference
- Description
- Indication of repeat interval
- Date/Hrs/Cycles of last compliance
- Date/Hrs/Cycles of next compliance

13) Statement of accidents/incidents

A declaration of accidents/incidents sustained by the considered aircraft shall be provided.

14) Deviations

A list of all deviations, concessions and/or waivers approved either by the state of manufacture or previous operator's authority.

15) Hold items/Acceptable deferred defects

Signed ADD list with the MEL reference shall be provided.

16) Navigation/communication equipment

CAT IDE LIST. EASA Part OPS CAT.IDE.A & CAT IDE.H refers.

Flight Ops Inspectorate Compliance checklist in Appendix A of the Safety Notice OPS SN-2017/01 Appendix 4 or Appendix 5 provides detailed guidance for the applicant perusal and action.

17) Cabin layout

Drawing(s) of passenger cabin seating configuration.

18) Emergency Equipment layout

Drawing(s) of emergency equipment configuration, with location and description.

19) Weight & Balance report

A copy of the last weighing report dated less than 4 years.

20) Compass swing

A copy of the last compass swing report.

21) Flight test report

A copy of the last flight test report.