



Australian Government
Department of Defence

DEFENCE AVIATION SAFETY AUTHORITY

AIRWORTHINESS RECOGNITION

The Authority hereby recognises the

TRANSPORT CANADA CIVIL AVIATION (TCCA)

being the National Aviation Authority (NAA) of Canada, as a competent airworthiness authority that applies appropriate safety oversight to

Design, Certification, Production and Maintenance

TERMS

1. This Recognition is limited by the scope, conditions and caveats set out in:
 - i. Annex A for repairs and 'minor' modifications
 - ii. Annex B for certification and 'major' design products
 - iii. Annex C for production services
 - iv. Annex D for maintenance services
 - v. Annex E for acceptance of components from maintenance or production.
2. This Recognition shall remain valid unless suspended or revoked.

For and on behalf of the Defence Aviation Safety Authority

Certificate number: 019
Revision number: 1.1, 19 DEC 18
Original issued: 30 AUG 2018

(Original Signed at
U10374537)

JD Hood
DG DASA



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CERTIFICATE REVISIONS

No. and Status	Date	Changes	Released by
1 CURRENT	30 AUG 18	Initial release	DG DASA
1.1 CURRENT	19 DEC 18	Significant changes: (1) Amendment to Recognition validity period. (2) Addition of provisions for treating 'major' repairs under Annex B: a. <u>Annex A</u> : Addition of paragraph 10. b. <u>Annex B</u> : Addition of paragraph 2(d) and 4(d). (3) <u>Annex B</u> : Reflect change to AMC DASR 21.A.20 in Sep 18 re. relief from 'developing' (vice <i>providing</i>) compliance demonstration evidence in Scope. (4) <u>Annex D</u> : a. Change "repair station" to "maintenance organisation" in paragraph 7, as DASR does not refer to repair stations. b. Paragraph 5(a) added to improve scope definition.	DG DASA

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ANNEX A: ASSESSING THE SUITABILITY OF TCCA APPROVALS OF REPAIRS AND 'MINOR' MODIFICATIONS

Introduction

1. Transport Canada Civil Aviation (TCCA) is recognised by DASA as a competent airworthiness authority that applies appropriate safety oversight to the approval of repairs and 'minor' modifications. This annex sets out:
 - a. the scope of this Recognition;
 - b. conditions on this Recognition;
 - c. caveats defining the minimum activities that must be carried out prior to applying recognition provisions; and
 - d. notes for the information of organisations using this annex.
2. This annex applies to the treatment of TCCA repair and 'minor' change approvals by:
 - a. Continuing Airworthiness Management Organisations (CAMOs) approved by DASA; or
 - b. Commonwealth of Australia organisations operating a State aircraft.
3. Advice on fulfilling the requirements of this annex will be provided by DASA on request.

Scope

4. The following airworthiness instruments issued by, or under privilege from, the TCCA may be consumed directly under DASR M.A.304(d):
 - a. Approval of 'Minor' Change to Type Design;
 - b. Approval of 'Minor' Repair Design; and
 - c. Approval of 'Major' Repair Design.

Conditions

5. This recognition applies only to designs approved on behalf of the Canadian Minister of Transport by:
 - a. Transport Canada Civil Aviation (TCCA); or
 - b. a person or organisation authorised under the Canadian Aeronautics Act with the scope and privilege to do so.

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Caveats

6. Prior to consuming an airworthiness instrument under paragraph 4 of this annex, the consumer must ensure that:
 - a. the resulting modification or repair is compatible with:
 - (1) the Defence type design; and
 - (2) the Defence configuration, role and environment; and
 - b. the holder obligations, to the extent that they concern Defence aircraft, will be carried out in accordance with:
 - (1) DASR 21.A.109 for an Approval of 'Minor' Change to Type Design; or
 - (2) DASR 21.A.451(b) for an Approval of 'Minor' Repair Design; and
 - c. for 'major' repairs, the data is treated in accordance with a procedure agreed by DASA.
7. The consumer must ensure that the measures taken to address the above caveats, including any checks or reviews necessary to ensure their effectiveness, are recorded.

Notes

8. The above caveats do not preclude any additional activities deemed necessary by the consumer to fulfil its responsibility to ensure safety.
9. Within the TCCA framework, a 'minor change to type design' may also be referred to as a 'change other than a change to the type design'.
10. For approved 'major' repairs that cannot be consumed under the provisions of this annex, the repair may be treated using the provisions of Annex B.

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ANNEX B: ASSESSING THE SUITABILITY OF TCCA CERTIFICATION AND 'MAJOR' DESIGN PRODUCTS

Introduction

1. Transport Canada Civil Aviation (TCCA) is recognised by DASA as a competent airworthiness authority that applies appropriate safety oversight to certification and 'major' design products. This annex sets out:
 - a. the scope of this Recognition;
 - b. conditions on this Recognition;
 - c. caveats defining the minimum activities that must be carried out prior to applying recognition provisions; and
 - d. notes for the information of organisations using this annex.
2. This annex applies to applicants for the following DASA airworthiness instruments:
 - a. Military (Restricted) Type Certificate;
 - b. Supplemental Type Certificate;
 - c. Approval of 'Major' Change to Type Design; and
 - d. Approval of 'Major' Repair Design, where Annex A provisions are not applicable.
3. Advice on fulfilling the requirements of this annex will be provided by DASA on request.

Scope

4. Applicants for the DASA airworthiness instruments listed in paragraph 2 may use the following TCCA airworthiness instruments to claim relief from developing compliance demonstration evidence:
 - a. Type Certificate;
 - b. Supplemental Type Certificate;
 - c. Approval of 'Major' Change to Type Design; and
 - d. Approval of 'Major' Repair Design.

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Conditions

5. This recognition applies only to products approved on behalf of the Canadian Minister of Transport by:
 - a. Transport Canada Civil Aviation (TCCA); or
 - b. a person or organisation authorised under the Canadian Aeronautics Act with the scope and privilege to do so.

Caveats

6. In addition to the considerations detailed in AMC DASR 21.A.20 – *Compliance with the type-certification basis and environmental protection requirements (where applicable)*, the applicant must ensure that evidence exists that TCCA applied a level of oversight to the design commensurate with the consequences of system failure.

Notes

7. The above caveats do not preclude any additional activities deemed necessary by the consumer to fulfil its responsibility to ensure safety.

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ANNEX C: ASSESSING THE SUITABILITY OF SERVICES PROVIDED UNDER A TCCA MANUFACTURING ORGANISATION APPROVAL

Introduction

1. Transport Canada Civil Aviation (TCCA) is recognised by DASA as a competent airworthiness authority that applies appropriate safety oversight to production. This annex sets out:
 - a. the scope of this Recognition;
 - b. conditions on this Recognition;
 - c. caveats defining the minimum activities that must be carried out prior to applying recognition provisions; and
 - d. notes for the information of organisations using this annex.
2. This annex applies to:
 - a. applicants for a DASA Certificate of Airworthiness;
 - b. applicants for a DASA Military Permit to Fly (MPTF) prior to the award of a DASA Type Certificate; or
 - c. Defence Continuing Airworthiness Management Organisation (CAMOs) in the embodiment of a 'major' modification (e.g. replacement of a centre wing structure).
3. Refer to Annex E for information related to the production of components.
4. Advice on how to fulfil the requirements of this annex will be provided by DASA on request.

Scope

5. A TCCA Export Airworthiness Certificate issued in accordance with CAR Part V Standard 509 may be used as evidence by:
 - a. an applicant for a DASA Certificate of Airworthiness;
 - b. an applicant for a DASA MPTF prior to the award of a DASA Type Certificate; or
 - c. an organisation issuing a Military Airworthiness Review Certificate.

Conditions

6. Nil.

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Caveats

7. Prior to applying the provisions of paragraph 5, the organisation must ensure that:
 - a. the service sought by Defence is within the scope and privilege of the manufacturing organisation;
 - b. the manufacturing organisation is contracted by Defence, either directly or indirectly, to provide the required service;
 - c. the safety oversight applied by the TCCA to the service sought by Defence is at least equivalent to that which would be applied if the service were provided to a domestic civilian consumer; and
 - d. any production waivers or deviations agreed by the TCCA are known to Defence.
8. The measures taken to address the above caveats, including any checks or reviews necessary to ensure their effectiveness throughout the provision of the service, are recorded.

Notes

9. The above caveats do not preclude any additional supplies acceptance activities deemed necessary by the consumer to fulfil its responsibility to ensure safety.

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ANNEX D: ASSESSING THE SUITABILITY OF SERVICES PROVIDED UNDER A TCCA MAINTENANCE ORGANISATION APPROVAL

Introduction

1. Transport Canada Civil Aviation (TCCA) is recognised by DASA as a competent airworthiness authority that applies appropriate safety oversight to maintenance. This annex sets out:
 - a. the scope of this Recognition;
 - b. conditions on this Recognition;
 - c. caveats defining the minimum activities that must be carried out prior to applying recognition provisions; and
 - d. notes for the information of organisations using this annex.
2. This annex applies to:
 - a. Continuing Airworthiness Management Organisations (CAMOs) approved by DASA; or
 - b. Commonwealth of Australia organisations seeking to establish a CAMO.
3. Refer to Annex E for information related to the release to service of components.
4. Advice on how to fulfil the requirements of this annex will be provided by DASA on request.

Scope

5. A maintenance organisation approved by TCCA under Part V, Subpart 73 of the Canadian Aviation Regulations (CAR) may be tasked to:
 - a. carry out maintenance on Defence aircraft and components thereof; and
 - b. fulfil the aircraft Certificate of Release to Service requirements of the Defence Aviation Safety Regulation (DASR).

Conditions

6. Nil.

Caveats

7. Prior to consuming a whole-aircraft maintenance service under paragraph 5, and in addition to DASR requirements for contracting/tasking a maintenance organisation, the consumer must ensure that:
 - a. the service sought by Defence is within the scope of the organisation;

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- b. the organisation is contracted by Defence to provide the required service;
 - c. the safety oversight that will be applied by TCCA to the service sought by Defence is at least equivalent to that which would be applied if the service were provided to a Canadian civilian consumer;
 - d. the maintenance will be performed with appropriate access to applicable maintenance data;
 - e. occurrences are reported to the CAMO in accordance with the intent of DASR 145.A.60 *Occurrence Reporting* clause (d);
 - f. new defects or incomplete maintenance work orders identified during maintenance are reported to the CAMO in accordance with the intent of DASR 145.A.50 *Certification of Maintenance* clause (c);
 - g. any arrangements for the subcontracting of maintenance on Defence aircraft are appropriate;
 - h. any component to be fitted is appropriately released on a DASA Form 1 or equivalent as determined by DASA (refer to Annex E);
 - i. any other activities necessary to ensure safety have been carried out; and
 - j. the organisation has a procedure, approved by TCCA through the organisation's manual, such that at the completion of maintenance a general verification is carried out to ensure the aircraft or component is clear of all tools, equipment, and any other extraneous parts and material.
8. The consumer must ensure the measures taken to address the above caveats, including any checks or reviews necessary to ensure their ongoing effectiveness, are documented.

Notes

- 9. The above caveats do not preclude any additional activities deemed necessary by the consumer to fulfil its responsibility to ensure safety.
- 10. The CAR does not include specific tool control requirements meeting the intent of DASR 145.A.48 (d).
- 11. A TCCA approved maintenance organisation requires the authorisation of TCCA to provide a maintenance service to a foreign customer.

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ANNEX E: ACCEPTANCE OF COMPONENTS UNDER A TCCA AUTHORISED RELEASE CERTIFICATE

Introduction

1. Transport Canada Civil Aviation (TCCA) is recognised by DASA as a competent airworthiness authority that applies appropriate safety oversight to the manufacture and maintenance of components. This annex sets out:
 - a. the scope of this Recognition;
 - b. conditions on this Recognition;
 - c. caveats defining the minimum activities that must be carried out prior to applying recognition provisions; and
 - d. notes for the information of organisations using this annex.
2. Advice on how to fulfil the requirements of this annex will be provided by DASA on request.

Scope

3. The TCCA Authorised Release Certificate for components, Form One, is a recognised equivalent to DASR Form 1.

Conditions

4. The Form One must be issued by an organisation approved under Canadian Aviation Regulations (CARs) Part V, Subparts 61 or 73 and state that the component was produced or maintained only in accordance with the CARs.
5. The Form One must indicate “Transport Canada Civil Aviation” or “Transport Canada” at block 1.
6. A Form One releasing a component from maintenance must indicate that the maintenance was carried out in accordance with CARs, i.e. block 14a indicates “CAR 571.10 Maintenance Release”.
7. A Form One releasing a component from manufacturing indicates that the component was produced in accordance with CARs, i.e. block 13a indicates conformity to “approved design data and are in condition for safe operation”.

Caveats

8. Nil.

Notes

9. A Defence organisation establishing arrangements directly with a maintenance or production organisation should ensure the suitability of those arrangements. As a

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minimum, and where applicable, the arrangements should take into account the caveats listed at:

- a. Annex C for production; or
- b. Annex D for maintenance.