

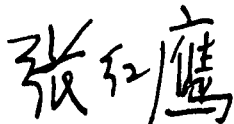
**Technical Arrangement
Between
Civil Aviation Administration of China
And
Transport Canada Civil Aviation
For
The Validation
Of
Supplemental Type Certificate SA03-21 Issue 3
Issued To
FLYHT Aerospace Solutions Ltd.
For
Underfloor Stowage Unit Installation
On
Bombardier CL-600-1A11 (600), CL-600-2A12 (601 Variant), CL-600-
2B16 (601-3A Variant), CL-600-2B16 (601-3R Variant), CL-600-2B16
(604 Variant), CL-600-2B19 (Regional Jet Series 100), CL-600-2B19
(Regional Jet Series 440), CL-600-2C10 (Regional Jet Series 700 and
701), CL-600-2C10 (Regional Jet Series 702), CL-600-2D15 (Regional
Jet Series 705), CL-600-2D24 (Regional Jet Series 900)**

Original Issue

**Civil Aviation Administration of
China**

Aircraft Airworthiness Certification
Department

By:

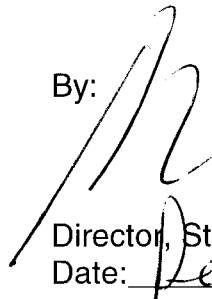


Director General

Date: 2012.12.31.

Transport Canada Civil Aviation

By:



Director, Standards (AART)

Date: Dec 13/12

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1.0 PURPOSE

This Technical Arrangement (TA) defines the working relationship between Transport Canada Civil Aviation (TCCA) and the Civil Aviation Administration of China (CAAC), to facilitate the CAAC validation of Transport Canada supplemental type certificate SA03-21 Issue 3 issued to FLYHT Aerospace Solutions Ltd. for Underfloor Stowage Unit Installation on the BOMBARDIER CL-600-1A11 (600), CL-600-2A12 (601 Variant), CL-600-2B16 (601-3A Variant), CL-600-2B16 (601-3R Variant), CL-600-2B16 (604 Variant), CL-600-2B19 (Regional Jet Series 100), CL-600-2B19 (Regional Jet Series 440), CL-600-2C10 (Regional Jet Series 700 and 701), CL-600-2C10 (Regional Jet Series 702), CL-600-2D15 (Regional Jet Series 705), CL-600-2D24 (Regional Jet Series 900), the validation of subsequent design changes, and to address continued airworthiness activities.

2.0 OBJECTIVES

This TA is intended to accomplish the following objectives:

- (a) to define the working procedures under the respective responsibilities of each Authority:
 - (i) for the STC validation process including issuance of a validated STC by the CAAC; and
 - (ii) for subsequent post validation activities.

- (b) to minimize redundant inspections, tests, demonstrations, evaluations, and approvals.

3.0 CAAC REQUIREMENT

The requirement for this TA stems from paragraph 21.29 of CCAR 21 – *Certification Procedures for Civil Aviation Products and Parts*.

4.0 DURATION

This TA becomes effective upon signature by both CAAC and TCCA. It will remain in effect for the duration of the validation activities and as long as post validation activities are taking place.

5.0 COMMUNICATION

- (1) The Aircraft Airworthiness Certification Department of CAAC (CAAC-AAD) and the Standards Branch (AART) of TCCA are responsible for the administration of this Technical Arrangement (TA). TCCA Standards Branch (AART) will work in conjunction with the Aircraft Certification Division – Prairie and Northern Region identified in Appendix 1 that has geographical jurisdiction over the holder of this STC.
- (2) All communications between CAAC-AAD and TCCA related to the activities of this TA will be made in the English language or Chinese language accompanied by an English translation. The contact points for CAAC-AAD and TCCA are provided in Appendix 1 of this TA. Unless otherwise specified, TCCA shall be copied of all correspondence between FLYHT Aerospace Solutions Ltd. and CAAC related to the activities of this TA.
- (3) Any disagreement regarding the interpretation or application of this TA will be resolved by consultation between the CAAC-AAD and TCCA. Every effort should be made to resolve differences at the technical level. Issues that cannot be satisfactorily resolved at the technical level should be expeditiously raised to the attention of the responsible contact points of TCCA and CAAC-AAD on a progressive level until an agreement or resolution is reached.

6.0 VALIDATION ACTIVITIES

6.1 General

TCCA and CAAC recognize that FLYHT Aerospace Solutions Ltd.:

- (a) is the primary source for providing the technical support to CAAC-AAD for purposes of this TA. When requested, TCCA may provide necessary assistance and support within its regulatory functions and resource capacity.

- (b) is responsible for demonstrating compliance with the CAAC-AAD certification basis.

6.2 Certification Basis

- (1) The subject of the CAAC validation is Transport Canada SA03-21 Issue 3, as issued on November 16, 2012.
- (2) The Transport Canada certification basis for this STC is defined on the STC document.
- (3) The CAAC certification basis for purposes of the validation of the Transport Canada SA03-21 Issue 3 and issuance of a CAAC-validated supplemental type certificate (VSTC) is the same as that of the Transport Canada SA03-21 Issue 3 plus any Additional Technical Conditions (ATCs) notified. CAAC-AAD will notify in writing both to TCCA and FLYHT Aerospace Solutions Ltd. of any ATCs necessary for the CAAC validation.

6.3 Findings of Compliance

- (1) CAAC-AAD will perform its own findings of compliance for the purpose of its validation activity. However, CAAC may elect to recognize or accept findings of compliance by TCCA for those requirements that they have a similar or common interpretation.
- (2) CAAC-AAD may request assistance from TCCA in findings of compliance for those ATCs identified under paragraph 6.2(3), except those requirements or airworthiness standards where TCCA has not acquired sufficient understanding to make a finding of compliance on behalf of CAAC.

6.4 Issuance of Validated Type Certificate

CAAC will issue its own corresponding VSTC once it has determined that the type design complies with the CAAC certification basis established under section 6.2(3).

6.5 Approval of aircraft flight manual supplement

Aircraft flight manual supplements, if any, will be approved by TCCA on behalf of the CAAC-AAD and will be in accordance to the CAAC approved type design.

7.0 POST VALIDATION ACTIVITIES

Design change approval:

- a) Design changes that result in the re-issuance of the TCCA SA03-21 Issue 3, which will constitute the basis for the issuance of the CAAC-VSTC under this TA, will have to be validated by CAAC by applying a certification procedure

similar to that described in paragraph 6.0.

Note: Design changes include repair designs.

- b) All other design changes approved by TCCA or its appropriately-authorized delegate and in compliance with CAAC validation basis will be considered approved by CAAC.

8.0 CONTINUED AIRWORTHINESS SUPPORT ACTIVITIES

- (1) When the service experience in China indicates the existence of an unsafe condition associated with the design or manufacturing of the subject STC, CAAC will promptly notify TCCA of such information. When such information is provided, TCCA will promptly analyze this information in coordination with the STC holder and will notify CAAC, where appropriate, of any action it deems necessary.
 - (2) In accordance with ICAO Annex 8, *Airworthiness of Aircraft*, TCCA will promptly notify CAAC of any mandatory continuing airworthiness information related to the subject STC that TCCA has found necessary for the continuing airworthiness and safe operation of affected aircraft.
 - (3) TCCA, upon request, will assist CAAC in establishing procedures deemed necessary by CAAC for maintaining the continuing airworthiness of the aeronautical product covered by this STC.
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APPENDIX 1: POINTS OF CONTACT for TCCA SA03-21 Issue 3

CAAC	TCCA
<p>Aircraft Airworthiness Certification Department</p> <p>Director, Aircraft Certification Division</p> <p>155 Dongsu Street West Beijing 100710 Peoples Republic of China</p> <p>Phone: 86 10 64092331 Fax: 86 10 64033087</p>	<p>Administration-related:</p> <p>National Headquarters Director–Standards (AART) 330 Sparks St., 2nd Floor Place de Ville, Tower C Ottawa, Ont. KIA 0N5 Canada</p> <p>Phone: +1 613 991 6477 Fax: +1 613 952 3298</p> <p>Certification-related:</p> <p>Prairie and Northern Region Associate Director, Operations (RAC) Airport Corporate Centre 800 - 1601 Airport Road, NE Calgary, Alberta T2E 6Z8 Canada</p> <p>Phone: +1 403-292-5226 Fax: +1 403-292-6709</p>



Department of Transport

Supplemental Type Certificate

This approval is issued to:

FLYHT Aerospace Solutions Ltd.
200W, 1144 - 29th Avenue N.E.
Calgary, Alberta
Canada T2E 7P1

Number: SA03-21

Issue No.: 3

Approval Date: March 25, 2003

Issue Date: November 16, 2012

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

BOMBARDIER CL-600-1A11 (600), CL-600-2A12 (601 Variant), CL-600-2B16 (601-3A Variant), CL-600-2B16 (601-3R Variant), CL-600-2B16 (604 Variant), CL-600-2B19 (Regional Jet Series 100), CL-600-2B19 (Regional Jet Series 440), CL-600-2C10 (Regional Jet Series 700 and 701), CL-600-2C10 (Regional Jet Series 702), CL-600-2D15 (Regional Jet 705), CL-600-2D24 (Regional Jet Series 900)

Canadian Type Certificate or Equivalent:

A-131

Description of Type Design Change:

UNDERFLOOR STOWAGE UNIT INSTALLATION

**Installation/Operating Data,
Required Equipment and Limitations:**

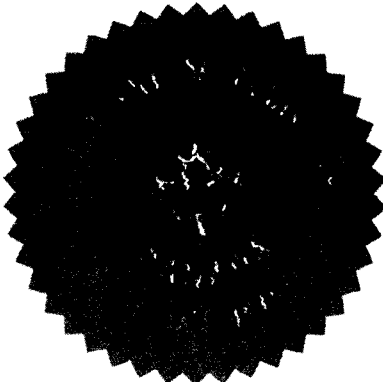
Underfloor Stowage Unit to be installed in accordance with Transport Canada approved, AMS Installation Instructions 151-0001, Revision C, dated August 10, 2005, or later Transport Canada approved revision.

AMS Maintenance Manual Supplement 153-0001, Revision B, dated February 18, 2004, or later applicable revision is required.

Definition of Type Design Change: Transport Canada approved AMS Master Document List 121-0009, Revision E, dated August 10, 2005 or later Transport Canada approved revision.

Basis of Certification for affected areas: As defined in TCDS A-131.

— End —



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

Dah Fong Kuan
For Minister of Transport

**DESIGN APPROVAL DOCUMENT
TRANSFER**

**TRANSFERT DU DOCUMENT
D'APPROBATION DE LA
CONCEPTION**

Transfer of this design approval document requires the prior approval of the Minister and the reissue of this document in the name of the transferee.

L'approbation préalable du ministre est exigée en vue d'un transfert de ce document d'approbation de la conception et la réédition de ce document au nom du cessionnaire.

The reissue of this design approval document in the name of the transferee will be contingent on the holder and the transferee fulfilling their responsibilities as described in section 521.357 of the *Canadian Aviation Regulations*.

La réédition de ce document d'approbation de la conception au nom du cessionnaire est conditionnelle à la satisfaction des exigences et des responsabilités, du titulaire et du cessionnaire, décrites dans l'article 521.357 du *Règlement de l'aviation canadien*.

I have reviewed the above requirements and recognize that until the above requirements are met the certificate and all its privileges and obligations will not be transferred.

J'ai examiné les conditions susmentionnées et je comprends que le transfert du certificat et des privilèges et des obligations s'y rattachant ne sera pas effectué tant que ces conditions n'auront pas été respectées.

Signature of holder/signature du titulaire

date/date

