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RDIMS # 8183629

February 26th, 2013

Mr. Zhang Hongying
Director General
Aircraft Airworthiness Certification Department
Civil Aviation Administration of China
155 Dongsì Street West
Beijing 100710
People's Republic of China

Dear Mr. Zhang Hongying:

Subject : Technical Arrangement (TA) for the CAAC Validation of Supplemental Type Certificate SA12-40 Issue 1

Please find attached two original signed TAs regarding CAAC's validation of the following Supplemental Type Certificate:

- 1) SA12-40 Issue 1 issued to ACS-NAI Limited for Installation, Complete Custom Aircraft Interior on Bombardier BD-700-1A10 and BD-700-1A11.

I would ask that you sign each original copy and send one copy back to the following address:

Oliver Rusch
Sr. Engineer, Certification Policy (AARTCP)
Aircraft Certification Standards
Transport Canada Civil Aviation
330 Sparks Street, Tower C, Floor 4
Ottawa, Ontario, Canada K1A 0N8

Sincerely,

Aaron McCrorie
Director, Standards
Civil Aviation Directorate

Canada

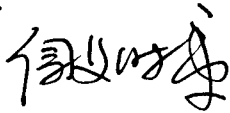
**Technical Arrangement
Between
Civil Aviation Administration of China
And
Transport Canada Civil Aviation
For
The Validation
Of
Supplemental Type Certificate SA12-40 Issue 1
Issued To
ACS-NAI Limited
For
Installation, Complete Custom Aircraft Interior
On
Bombardier BD-700-1A10, BD-700-1A11

Original Issue**

**Civil Aviation Administration of
China**
Aircraft Airworthiness Certification
Department

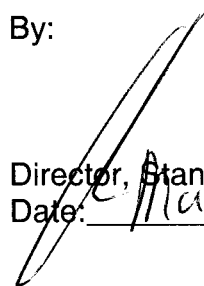
Transport Canada Civil Aviation

By:



Director General
Date: 2013-03-22

By:



Director, Standards (AART)
Date: March 11

**Technical Arrangement
Between
Civil Aviation Administration of China
And
Transport Canada Civil Aviation
For
The Validation
Supplemental Type Certificate SA012-40 Issue 1
Issued To
ACS-NAI Limited
For
Installation, Complete Custom Aircraft Interior
On
Bombardier BD-700-1A10, BD-700-1A11**

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 SA12-40 Issue 1 issued to ACS-NAI Limited for Installation, Complete Custom Aircraft Interior on the BOMBARDIER BD-700-1A10, BD-700-1A11, 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 ACS-NAI Limited 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 ACS-NAI Limited:

- (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 SA12-40 Issue 1, as issued on June 08, 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 SA12-40 Issue 1 and issuance of a CAAC-validated supplemental type certificate (VSTC) is the same as that of the Transport Canada SA12-40 Issue 1 plus any Additional Technical Conditions (ATCs) notified. CAAC-AAD will notify in writing both to TCCA and ACS-NAI Limited 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 SA12-40 Issue 1, 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 SA12-40 Issue 1

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. K1A 0N5 Canada</p> <p>Phone: +1 613 991 6477 Fax: +1 613 952 3298</p> <p>Certification-related:</p> <p>Prairie and Northern Region P.O. Box 8550 344 Edmonton Street Winnipeg, MB R3C 0P6 Canada</p> <p>Phone: +1 888 463 0521 Fax +1 204 984 6021</p>



Department of Transport
Supplemental Type Certificate

This approval is issued to:

ACS-NAI Limited
25 Dunlop Avenue
Winnipeg, Manitoba
Canada R2X 2V2

Number: SA12-40

Issue No.: 1

Approval Date: June 08, 2012

Issue Date: June 08, 2012

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

BOMBARDIER BD-700-1A10, BD-700-1A11

Canadian Type Certificate or Equivalent:

A-177

Description of Type Design Change:

Installation, Complete Custom Aircraft Interior

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

Installation Data

Both Models:

Modification to be completed in accordance with Configuration Definition Record H525001 Revision N/C or later Transport Canada approved revision.

Limitations

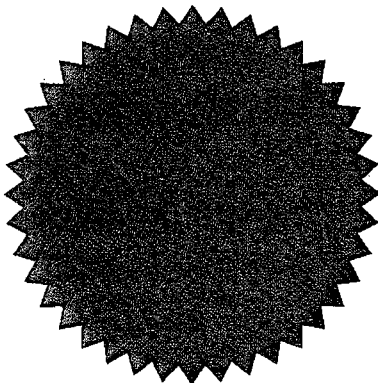
Both Models:

Refer to Airplane Flight Manual Supplement H525090 Revision N/C or later Transport Canada approved revision.

This Wireless Local Area Network (WLAN) system is intended to provide internet connectivity and email services to the airplane's cabin using portable electronic devices (PEDs). Any other intended function of this equipment will require a re-examination of the certification basis.

-Continued on next page-

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.



Neil Smith
For Minister of Transport



(Continuation Sheet)

Number: SA12-40 Issue 1

NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

Instructions for Continued Airworthiness

Both Models:

Refer to Instructions for Continued Airworthiness document ICA-XXXX (where XXXX is a unique identifier for each configuration).

Basis of Certification:

1. Canadian Airworthiness Manual (AWM) Chapter 525, at change 525-11, published on December 1, 2005, which is equivalent to 14 CFR Part 25 at Amendment 25-110, as well as 14 CFR Part 25 Amendments 25-1 through 25-119, except for the following Part 25 Amendments: 93, 95, 98-103, 106-110, 112, and 116-118.
2. Equivalent Level of Safety:
 - a) Transport Canada Issue Paper, G-3 Edition 1, dated July 27, 2011, File Number 5010-A583, RDMIS Number 6885587, Passenger Emergency Exit Signs and Exit Locator Signs.
3. BD-700-1A10 Exemptions:
 - a) Exemption NCR/RCN #046-2010 Installation of Side-Facing Divan(s) dated May 7, 2010.
 - b) Exemption NCR/RCN #047-2010 Installation of Door in a Partition Between Passenger Compartments dated May 7, 2010.
4. BD-700-1A11 Exemptions:
 - a) Exemption NCR/RCN # 042-2010 Installation of Side-Facing Divan(s) dated May 7, 2010.
 - b) Exemption NCR/RCN # 041-2010, Installation of Door in a Partition Between Passenger Compartments dated May 7, 2010.

— End —