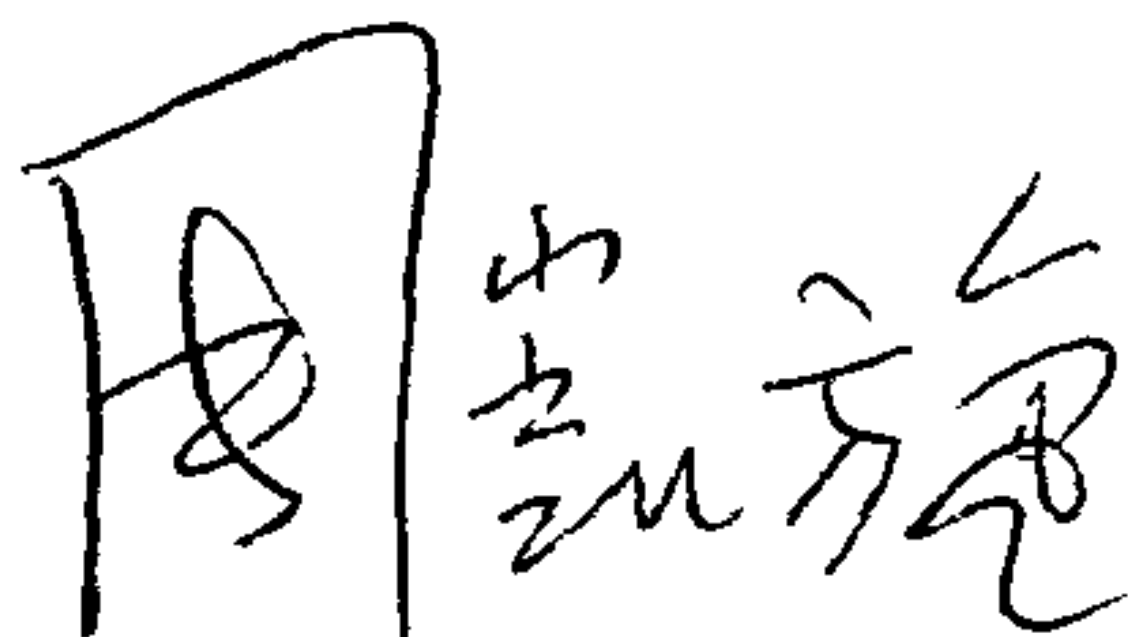


Technical Arrangement  
Between  
General Administration of Civil Aviation Of China  
And  
Transport Canada Civil Aviation  
For  
Type Validation of Supplemental Type Certificate SA07-124  
For  
AeroMechanical Services Ltd. (AMS) AFIRS 220 (Automated Flight  
Information Reporting System) with the Optional Global Voice and Global  
Text Satellite Communications  
On  
Boeing 767-200 and -300 Series Aircraft

Issue 1, July 24, 2008

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

By:



Mr. Zhou Kaixuan

Deputy Director General, Aircraft  
Airworthiness Certification Department

**Transport Canada Civil Aviation**  
Standards Branch

By:



for Mr. Donald Sherritt

Director, Standards (AART)

Technical Arrangement  
Between  
General Administration of Civil Aviation Of China  
And  
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For the Type Validation of Supplemental Type Certificate SA07-124  
For AMS AFIRS 220 System  
On  
Boeing 767-200 and -300 Series Aircraft

## **1. PURPOSE**

This Technical Arrangement (TA) defines the working relationship between Transport Canada Civil Aviation (TCCA) and the General Administration of Civil Aviation of China (CAAC), to facilitate the CAAC validation of Transport Canada Supplemental Type Certificate SA07-124 for the AFIRS 220 System on Boeing 767-200 and -300 Series aircraft.

## **2. OBJECTIVES**

This TA is intended to accomplish the following objectives:

- 2.1 To define the working procedures under the respective responsibilities of each Authority:
  - a) For the STC validation process; and
  - b) For subsequent post type validation activities.
- 2.2 To minimize redundant inspections, tests, demonstrations, evaluations, and approvals.

## **3. REQUIREMENT AND BASIS**

The requirement for this TA stems from paragraph 2.2 of CAAC AP 21-01R2 dated 12 October 2006 (English version), Validation Procedures for Import of Civil Aviation Products and Parts.

## **4. DURATION**

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



## **5. COMMUNICATION**

- 5.1 The Aircraft Airworthiness Certification Department (CAAC-AAD) of CAAC and the Standards Branch (AART) of TCCA are responsible for the administration of this Technical Arrangement. The TCCA Standards Branch will work in conjunction with the Aircraft Certification Division – Prairie and Northern Region identified in Appendix 1 that has geographical jurisdiction over AeroMechanical Services Ltd.
- 5.2 AeroMechanical Services Ltd. will be the primary source for providing the technical support to CAAC. When requested, TCCA will provide the necessary assistance and support within its regulatory functions.
- 5.3 All communications between CAAC 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 and TCCA are provided in Appendix 1.
- 5.4 Any disagreement regarding the interpretation or application of this TA will be resolved by consultation between the CAAC and TCCA.
- 5.5 Unless otherwise specified, TCCA shall be copied of all correspondence between AeroMechanical Services Ltd. and CAAC related to the activities of this TA, in order to enable TCCA support to AeroMechanical Services Ltd. and CAAC-AAD in the future.

## **6. STC VALIDATION ACTIVITIES**

### **6.1 General**

- a) The subject of CAAC validation is Transport Canada Supplemental Type Certificate: SA07-124, Issue 1, as approved on December 24, 2007.
- b) The Transport Canada certification basis for this STC is as described in TCCA Type Certificate Data Sheet A-137.

### **6.2 STC Validation**

- a) The CAAC certification basis for purposes of validation of the Transport Canada STC SA07-124 and issuance of a CAAC-Validated Supplemental Type Certificate (VSTC) is the same as that of the Transport Canada STC.
- b) CAAC will issue its own corresponding VSTC once it has satisfactorily completed review of the subject Transport Canada STC and its supporting data.



## **7. POST VALIDATION ACTIVITIES**

### **7.1 STC Design change approval**

- a) Design changes that result in the re-issuance of the TCCA STC SA07-124, which constituted the basis for the issuance of the CAAC-VSTC under this TA, will have to be validated by CAAC.
- b) All other design changes approved by TCCA or its Delegate will be considered approved by CAAC.

### **7.2 Documentation approval**

Subject to paragraph 7.1 a), information or instructions (such as Service Bulletins, Technical Instructions, etc.), including any subsequent changes or revisions thereto, that are approved by TCCA or its appropriately authorized Delegate will be considered approved by the CAAC.

## **8. CONTINUED AIRWORTHINESS SUPPORT ACTIVITIES**

- 8.1 CAAC will promptly notify TCCA of the existence of any unsafe condition associated with the design, manufacture, operation or maintenance of the subject STC.
- 8.2 In accordance with ICAO Annex 8, TCCA will promptly notify CAAC of any mandatory continuing airworthiness information that TCCA has found necessary for the continuing airworthiness and safe operation of aircraft equipped with the subject STC.
- 8.3 TCCA, upon request, will assist CAAC in establishing procedures deemed necessary by CAAC for maintaining the continuing airworthiness of aircraft equipped with the subject STC.

APPENDIX 1

**POINTS OF CONTACT : TCCA STC SA07-124**

CAAC	TCCA
<p>Aircraft Airworthiness Certification Department</p> <p>155 Dongsu Street West Beijing 100710 Peoples Republic of China</p> <p>Mr. Zhou Kaixuan Deputy Director General, Aircraft Airworthiness Certification Department</p> <p>Phone: 0086-10-64091321 Fax: 0086-10-64033087</p>	<p>Headquarter:</p> <p>Director - Standards (AART) 330 Sparks St., 2<sup>nd</sup> Floor Place de Ville Tower C Ottawa, ON KIA 0N5 Canada</p> <p>Phone: (613) 952-4371 Fax: (613) 952-3298</p> <p>Region: Prairie and Northern Region</p> <p>Regional Manager – Aircraft Certification (RAED) 1100, 9700 Jasper Avenue Edmonton, Alberta Canada T5J 4E6</p> <p>Phone: (780) 495-3856 Fax: (780) 495-7963</p>



Transport  
Canada

Transports  
Canada

Ottawa, Ontario  
K1A 0N8

Your file    *Votre référence*

Our file    *Notre référence*  
RDIMS # 4289856

July 31, 2008

Mr. Zhou Kaixuan  
Deputy Director General  
Aircraft Airworthiness Certification Department  
General Administration of Civil Aviation of China (CAAC)  
155 Dongsu Street West  
Beijing 100710  
Peoples Republic of China

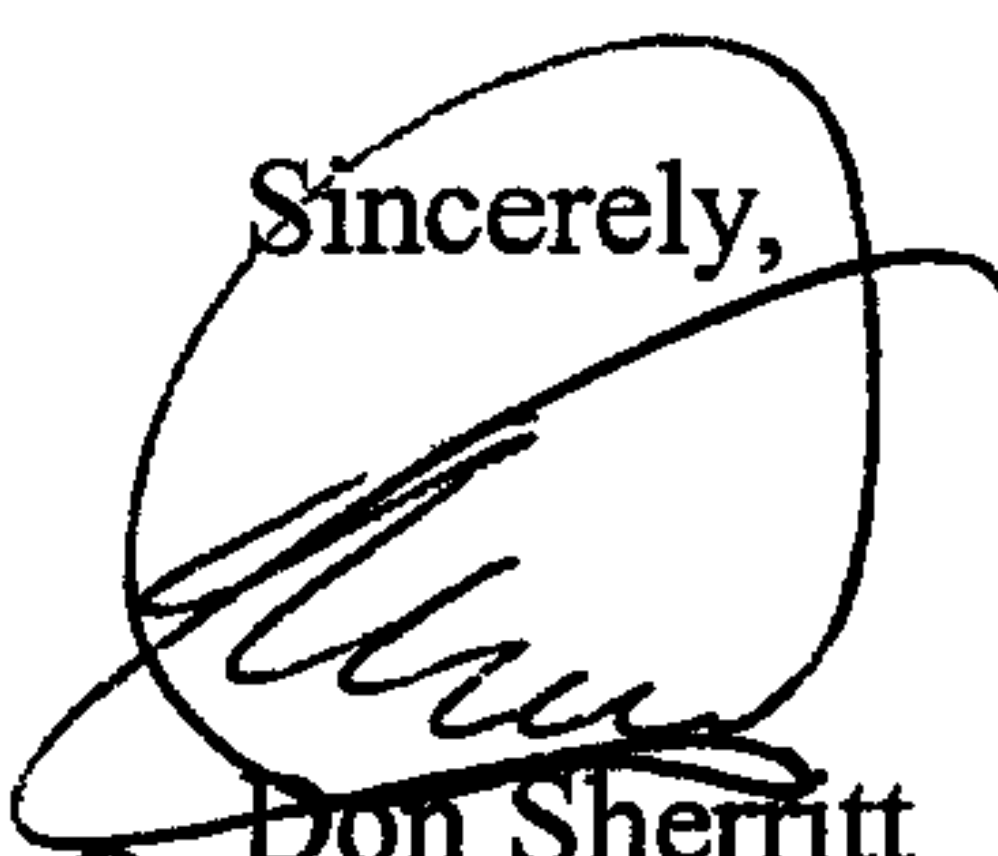
Subject: Technical Arrangement For The CAAC Validation of Transport Canada Supplemental  
Type Certificates SA07-124

Dear Mr. Zhou:

Please find attached your original copy of the signed Technical Arrangement covering CAAC's validation of Transport Canada Supplemental Type Certificate SA07-124 on AFIRS 220 (*Automated Flight Information Reporting System Installation with Optional Global Voice and Global Text Satellite Communications on Boeing 767-200 and -300 Series*).

Please advise this office of the equivalent CAAC Validated STC upon its issuance.

Sincerely,



Don Sherritt

Director, Standards  
Transport Canada Civil Aviation

copy: Director, National Aircraft Certification (AARD)  
Regional Manager – Aircraft Certification, Prairie and Northern Region (RAED)

Canada