

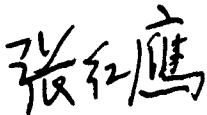
**Technical Arrangement
Between
Civil Aviation Administration Of China
And
Transport Canada Civil Aviation
For
The Type Validation
Of
Helicopters
Of
Bell Helicopter Textron Canada (BHTC)**

Original Issue

**Civil Aviation Administration of
China**

Aircraft Airworthiness Certification
Department

By:



Director General

Date:

2011.10.08

Transport Canada Civil Aviation

By:



Director, Standards (AART)

Date: 2011/11/15

**Technical Arrangement
Between
Civil Aviation Administration Of China
And
Transport Canada Civil Aviation
For
The Type Validation
Of
Helicopters
Of
Bell Helicopter Textron Canada (BHTC)**

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 TCCA type certificates issued to Bell helicopter Textron Canada (BHTC) for the helicopters recorded in Appendix 2 of this document, and all appendices added hereafter.

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 type certification validation process including issuance of a validated type certificate by the CAAC; and
 - (ii) for subsequent post-validation activities; and
- (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-R3 – ***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 TA. The TCCA Standards Branch (AART) will work in conjunction with the National Aircraft Certification Branch (AARD) identified in Appendix 1, which has certification jurisdiction over the type certificate holder, Bell Helicopter Textron Canada (BHTC).
- (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 Bell Helicopter Textron Canada (BHTC) 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 Bell Helicopter Textron Canada (BHTC):

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

6.2 Certification Basis

- (1) The subject of the CAAC validation is the TCCA type certificates as recorded in Appendix 2 of this document, and all appendices added hereafter.
- (2) The TCCA certification basis for the type certificates is defined in the applicable TCCA Type Certificate Data Sheet (TCDS).
- (3) The CAAC certification basis for purposes of the validation of a TCCA type certificate and issuance of a CAAC validated type certificate (VTC) is the same as that of the TCCA type certificate, plus any Additional Technical Conditions (ATCs) notified. CAAC-AAD will notify in writing both TCCA and Bell Helicopter Textron Canada (BHTC) 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 for which 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.
- (3) Notwithstanding paragraph 6.3(1) above, at the end of the validation process TCCA will provide a formal statement, upon request, attesting that TCCA has found compliance with the CAAC certification basis, 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 VTC once it has determined that the type design complies with the CAAC certification basis established under section 6.2(3).

7.0 POST VALIDATION ACTIVITIES

7.1 Design change approval:

- (1) Design changes that result in the re-issuance of the TCCA type certificate, which will constitute the basis for the issuance of the CAAC VTC under this TA, will have to be validated by CAAC by applying a certification procedure similar to that described in Section 6.0.
- (2) Design changes include all repair design changes.
- (3) TCCA will verify, upon request, that design changes affecting the CAAC type design that are introduced after issuance of the CAAC VTC, and embodied on aircraft to be delivered to China, comply with the CAAC certification basis.
 - i. **For design change affecting the CAAC validated type certificate datasheet:** A formal application from the applicant is required by CAAC for validation. CAAC will make a technical validation and will inform the applicant and TCCA of the approval.
 - ii. **For major design changes not affecting the CAAC validated type certificate datasheet:** A notification from the applicant is required by CAAC. CAAC will normally accept such design changes without technical validation on the basis on TCCA statement of compliance to CAAC certification basis for validation. However, CAAC reserves the right to perform a technical validation. Where CAAC decides to perform a validation, it will notify BHTC and TCCA of its decision accordingly.
 - iii. **For all other design changes:** this type of design changes is automatically accepted by CAAC if it has already been approved by TCCA or its appropriately authorized delegate. There is no need to notify CAAC.

7.2 Documentation Approval

Subject to paragraph 7.1(1) information or instructions such as Service Bulletins or Technical Instructions, and any subsequent changes or revisions thereto, that are approved by TCCA or its appropriately authorized Delegate will be considered approved by the 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 helicopter, CAAC will promptly notify TCCA of such information. When such information is provided, TCCA will promptly analyze this information in coordination with the BHTC 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 that TCCA has found necessary for the continuing airworthiness and safe operation of the affected helicopter.
- (3) TCCA, upon request, will assist CAAC in establishing procedures deemed necessary by CAAC for maintaining the continuing airworthiness of the helicopters covered by this TA.

9.0 AMENDMENT OF TA TO INTRODUCE A NEW HELICOPTER MODEL

This TA may be amended by mutual consent of the CAAC and TCCA to add subsequent appendices to this document, which will list new helicopters covered by this TA. Such amendments shall be made effective by the signature of the persons responsible for the administration of this TA, as identified in Appendix 1 of this TA, or their duly authorized representative.

10.0 Entry into Force and Termination

Upon signature, this TA replaces the Technical Arrangement titled "Technical Arrangement Between Civil Aviation Administration Of China And Transport Canada Civil Aviation For the Type Validation of Helicopters of Bell Helicopter Textron Canada (BHTC)" dated March 11th, 2010 and does not affect any actions taken in accordance with the previous version.

APPENDIX 1 – POINTS OF CONTACT: CAAC and TCCA

CAAC	TCCA
<p>Aircraft Airworthiness Certification Department</p> <p>Director, Aircraft Certification Division</p> <p>155 Dongsu Street West Beijing 100710 People's 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 Street, 2nd Floor Place de Ville, Tower C Ottawa, Ontario, KIA 0N5 Canada</p> <p>Phone: +1 613 952 4371 Fax: +1 613 952 3298</p> <p>Certification-related:</p> <p>Director, National Aircraft Certification(AARD) 330 Sparks Street, 2nd Floor Place de Ville, Tower C, Ottawa, Ontario, KIA 0N8 Canada</p> <p>Phone: + 1 613 952 4338 Fax: + 1 613 996 9178</p>

APPENDIX 2 –Helicopter models covered by this TA

This appendix lists all the Bell Helicopter Textron Canada helicopter models covered by this TA.

#	Model	TCCA TC Number	Date of being added to this WA
1	429	H-107	11 March 2010
2	206	H-92	
3	206L-4	H-92	
4	407	H-92	

As noted in section 10, this TA replaces the Technical Arrangement titled "Technical Arrangement Between Civil Aviation Administration Of China And Transport Canada Civil Aviation For the Type Validation of Helicopters of Bell Helicopter Textron Canada (BHTC)" dated March 11th, 2010.