

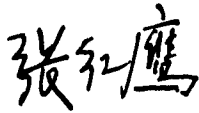
**Technical Arrangement
Between
Civil Aviation Administration of China
And
Transport Canada Civil Aviation
For
The Validation
Of
Supplemental Type Certificate SA05-50 Issue 4
Issued To
Norduyn Inc.
For
Assembly and Installation of Baby Bassinet (Skycot)
On
Aircraft Defined in Appendix 2
WHERE these aircraft models' type certificates have been validated in
China**

Original Issue

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

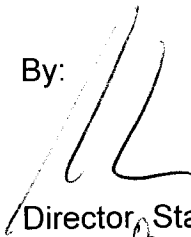
Transport Canada Civil Aviation

By:



Director General
Date: 2012.04.01

By:



Director, Standards (AART)
Date: May 11, 2012

**Technical Arrangement
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Supplemental Type Certificate SA05-50 Issue 4
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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 SA05-50 issued to Nordduyn Inc. for the Assembly and Installation of Baby Bassinet (Skycot) On Aircraft Defined in Appendix 2 WHERE these aircraft models' type certificates have been validated in China. This TA also facilitates validation of subsequent design changes and addresses 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 – Quebec 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 Norduyn Inc. 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 Norduyn Inc.:

- (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 STC SA05-50 Issue 4, as approved on February 8, 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 SA05-50 Issue 4 and issuance of a CAAC-validated supplemental type certificate (VSTC) is the same as that of the Transport Canada STC SA05-50 Issue 4 plus any Additional Technical Conditions (ATCs) notified. CAAC-AAD will notify in writing both to TCCA and Norduyn Inc. 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 STC SA05-50 Issue 4, 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.

APPENDIX 1: POINTS OF CONTACT for TCCA STC SA05-50 Issue 4

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: +1 613 952 4371 Fax: +1 613 952 3298</p> <p>Certification-related:</p> <p>Quebec Region 700 Leigh Capreol Street, Suite #2051 Dorval, Quebec H4Y 1G7 Phone: +1 514 633 3602 Fax: +1 514 633 2703</p>

APPENDIX 2: Applicable Aircraft Models for TCCA STC SA05-50, Issue 4

AIRBUS Models:

A300 Series, A310 Series, A319 Series, A320 Series, A321 Series, A330 Series, A340 Series, and A380 Series.

BOEING Models:

727 Series, 727-100 Series, 727-200 Series, 737-200 Series, 737-300 Series, 737-400 Series, 737-500 Series, 737-600 Series, 737-700 Series, 737-800 Series, 737-900 Series, 737-900ER Series, 747-100 Series, 747-200 Series, 747-400 Series, 757-200 Series, 767-200 Series, 767-300 Series, 767-300ER (767-300 Series), 777-200 Series, 777-200ER (777-200 Series), 777-200LR Series, 777-300 Series, 777 300ER Series, and 787-8.

LOCKHEED Models:

L-1011-385-1, L-1011-385-1-14, L-1011-385-1-15, and L-1011-385-3



Transport
Canada

Transports
Canada

Ottawa, Ontario
K1A 0N8

Your file *Votre référence*

Our file *Notre référence*
RDIMS # 7530666

May 8, 2012

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

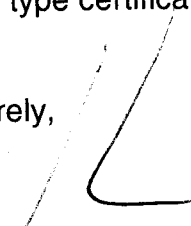
**Subject : Technical Arrangement (TA) for the CAAC Validation of Supplemental
Type Certificate SA05-50 Issue 4**

Dear Mr. Zhang Hongying,

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

- 1) SA05-50 Issue 4 issued to Norduyn Inc. for Assembly and Installation of Baby Bassinet (Skycot) on Aircraft defined in Appendix 2 where these aircraft models' type certificates have been validated in China.

Sincerely,



Aaron McCrorie
Director, Standards
Civil Aviation

Canada



Department of Transport

Supplemental Type Certificate

This approval is issued to:

Norduyn Inc.
6200 Henri Bourassa Blvd West
Montreal, Quebec, Canada
H4R 1C3

Number: SA05-50
Issue No.: 4
Approval Date: May 17, 2005
Issue Date: February 8, 2012

Responsible Office: Quebec
Aircraft/Engine Type or Model: See the Fleet Eligibility List on STC Continuation Sheet
Canadian Type Certificate or Equivalent: See the Fleet Eligibility List on STC Continuation Sheet
Description of Type Design Change: Assembly and Installation of Baby Bassinet (Skycot), P/N NNAL141-1C.

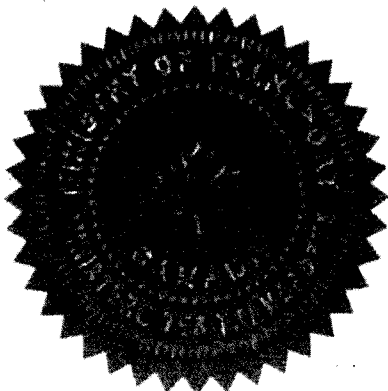
**Installation/Operating Data,
Required Equipment and Limitations:**

The Baby Bassinet (Skycot), P/N NNAL141-1C, must be assembled and installed in accordance with the Transport Canada DOT Approved **Norduyn Inc.** Master Document List – Skycot Assembly and Installation, Document No. **MDL04167005**, Revision C dated 20 January 2012, or later **Transport Canada DOT** approved revision. The installation, operation and maintenance of the Baby Bassinet (Skycot), P/N NNAL141-1C, must be performed in accordance with the following documents:

1. **Norduyn Inc.** Component Maintenance Manual and Illustrated Parts Catalog, Baby Bassinet (Skycot) NNAL141-1C, ATA Section **25-20-04**, Issue **2**, Revision **NC** dated September 30, 2011;
2. **Noorduyn Norseman Inc.** Installation Instructions – Skycot P/N NNAL141-1C, Document No. **INST04167-002**, Revision **NC** dated July 12, 2005.

NOTE: The installation of the three (3) attachment points supporting the Babin Bassinet (Skycot), P/N NNAL141-1C, must be covered by a separate airworthiness authority approval.

See STC Continuation Sheet, Page 2 of 2



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.

Pierre G. Richard
For Minister of Transport