



Department of Transport

# Supplemental Type Certificate

This approval is issued to:

Northern Airborne Technology Ltd  
14-1925 Kirschner Rd  
Kelowna, British Columbia  
Canada V1Y 4N7

Number: SA02-64

Issue No.: 4

Approval Date: June 04, 2002

Issue Date: October 6, 2005

Responsible Office:

Pacific

Aircraft/Engine Type or Model:

See eligibility list ( on Continuation sheet)

Canadian Type Certificate or Equivalent:

See eligibility list ( on Continuation sheet)

Description of Type Design Change:

Northern Airborne Technology STX100 Satphone System Installation.

Installation/Operating Data,  
Required Equipment and Limitations:

Installation must be done in accordance with Transport Canada approved Northern Airborne Technology Ltd. MDL STC\0001\719-3, Rev. 1.00, dated May 18, 2005, or later Transport Canada approved revision.

Maintenance must be in accordance with The Satphone Maintenance Manual Supplement MMS 3099, Rev 1, dated April 19, 2005.

Limitations:

- 1) The Convair 340/440 aircraft embodying FAA STC SA4-1100, are restricted to non-pressurized use only, with this modification installed.
- 2) The subject approval does not include design approval for aft pressure bulkhead penetration for the Twin Commander 690/690A SATPHONE system installation. A separate approval is required.



**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.

Carl Bandura  
For Minister of Transport



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

3) The SATPHONE equipment must be placarded, in clear view of the pilot, as follows:

(a)

**SATPHONE NOT TO BE USED FOR ATC**

(b)

**DO NOT USE ON GROUND DURING REFUELLING**

**Eligibility List**

MODELS	CANADIAN TC	FAA TC
Convair 340/440 ( Note 1)	A-220	6A6
Twin Commander 690/690A	(Note 2)	2A4
Air Tractor AT-802	A-194	A19SW
Conair Firecat	A-107	-
Cessna Caravan 208B	(Note 2)	A37CE
Bombardier CL-215-1A10	A-86	A14EA

**Notes**

- (1) embodying FAA STC SA4-1100
- (2) The FAA Type Certificate has been accepted by Transport Canada - no Canadian TC was issued