



Department of Transport

Supplemental Type Certificate

This approval is issued to:

Northern Airborne Technology Ltd
#14 - 1925 Kirschner Road
Kelowna, BC V1Y 4N7

Number: SH05-12

Issue No.: 1

Approval Date: March 14, 2005

Issue Date: March 14, 2005

Responsible Office:

Ontario

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:

Installation of: 1. NTX138-xxx FM Transceiver
2. NPX138-xxx FM Transceiver
3. NPX138N-xxx FM Transceiver
4. NPX136D-xxx FM Transceiver
5. Tac/Com THxxx Control Heads

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

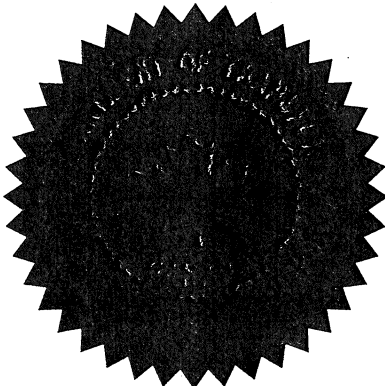
The approved equipment is manufactured as per documents listed in the NAT STC Master Document List STC\0005\719-2 Rev. 1.00, dated January 31, 2005, or later Transport Canada approved revision.

Installation must be in accordance with the NAT STC Master Document List STC\0005\719-2 Rev. 1.00, dated January 31, 2005, or later Transport Canada approved revisions.

Maintenance must be in accordance with:

- (1) NPX136D-xxx: NAT Instructions for Continued Airworthiness NPX136D\639-0, Rev. 1.00, accepted February 1, 2005.
- (2) NPX138N/138-xxx: NAT Instructions for Continued Airworthiness NPX138\639-0100, Rev. 1.00, accepted December 18, 2001.
- (3) NTX138-xxx: NAT Instructions for Continued Airworthiness NTX138\639-0100, Rev. 1.00, accepted December 18, 2001.
- (4) THxxx: NAT Instructions for Continued Airworthiness THxxx\639-0100, Rev. 1.00, accepted December 18, 2001, or later Transport Canada approved revisions.

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.



Vladan M. Vujošević
Vladan M. Vujošević, P. Eng.
Senior Engineer, Aircraft Certification
For Minister of Transport



(Continuation Sheet)

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

Eligibility List:

MAKE	MODELS	CANADIAN TC	FAA TC
Agusta	A109 /A /A II /E, A119, A109S ⁽¹⁾	H-82	H7EU
	AB139	(2)	(2)
Bell Helicopter Textron	204B, 205A-1	(3)	H1SW
	214B /B-1	H-80	H6SW
	212, 412	H-86	H4SW
Bell Helicopter Textron (Canada)	222 /B /U, 230, 430	H-88	H9SW
	206 /A /A-1 /B /B-1 /L /L-1 /L-3 /L-4, 407	H-92	H2SW
	427	H-103	R00001RC
Boeing Defense & Space	234	H-96	H9EA
Enstrom	480	H-99	H1CE
Ericson Air-Crane	S-64E /F	H-91	H6EA
Eurocopter Canada	BO 105 LS A-3	H-94	H6NE
Eurocopter Deutschland	EC 135	—	H88EU
	BO-105 C, BO-105 S		H3EU
	BO 105 C CDN /CDN-B/ CDN-B -4, BO 105 S CDN-BS/ CDN-BS-4	H-79	
	MBB-BK 117 A1 /A-3 /A-4 /B-1 /B-2 /C /C2 (EC145)		H13EU
	MBB-BK 117 A-1D /A-3D /A-4D /B-1D /B-2D	H-90	
Eurocopter France	EC 120B	H-102	R0001RD
	SA 341G	H-77	H6EU
	SA 315B, SA 316B /C, SA 319B, SE 3160	H-72	H11N
	SA 3180, SA 318B /C, SE 3130 /B	H-74	7H1
	AS 332C /L, SA 330F /G /J	H-78	H4EU
	SA-360 C	H-81	H8EU
	AS-350B /B1 /B2 /B3 /BA /C /D /D1	H-83	H9EU
	SA-365C /C1 / C2 /N, EC 155B	H-85	H10EU
	AS 355E / F / F1 / F2	H-87	H11EU



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Kaman Aerospace	K-1200	H-98	TR7BO
MD Helicopter Inc.	369 /A /H /HM /HS /HE /D /E /F /FF,	H-95	H3WE
	MD900	—	H19NM
	MD902	(2)	(2)
Robinson	R22	(3)	H10WE
	R44	H-97	H11NM
Sikorsky	S-55	H-75	1H4
	S-58	(3)	1H11
	S-61L /N	(3)	1H15
	S-70	—	H2NE
	S-76A /C	H-84	H1NE

Notes

- (1) Recent certification – the revised TCDS has not been published
- (2) Recent certification – the TCDS has not been published
- (3) The FAA Type Certificate has been accepted by Transport Canada - no Canadian TC was issued.
- (4) This approval does not include the antenna installations; they must be approved separately.

— End —