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Department of Transport

# Supplemental Type Certificate

**This approval is issued to:**

Insight Instrument Corporation  
Insight Instrument Corporation  
P.O. Box 122  
Fort Erie, Ontario  
Canada L2A 5M6

**Number:** SH13-45

**Issue No.:** 1

**Approval Date:** November 14, 2013

**Issue Date:** November 18, 2013

**Responsible Office:**

Ontario

**Aircraft/Engine Type or Model:**

See TCCA Approved Model List AML-610C-1200C/H Rev. 0

**Canadian Type Certificate or Equivalent:**

See TCCA Approved Model List AML-610C-1200C/H Rev. 0

**Description of Type Design Change:**

Installation of Insight Graphic Engine Monitors (GEM) models 610C and 1200C as primary CHT, EGT & TIT instruments

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

Manufacture must be in accordance with Insight Instrument Corporation Master Document List MDL 610C-000 Rev. 11, or later Transport Canada approved revisions.

Installation must be in accordance with Installation Manual Document No. 070906 Rev. 1.4, or later Transport Canada approved revisions.

Operation must be in accordance with Aircraft Flight Manual Supplements: GEM-RFM-S Issue 1 approved November 18, 2013, or later Transport Canada approved revisions.

(See continuation sheet)

**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 Vujosevic  
For Minister of Transport

Canada

## DESIGN APPROVAL DOCUMENT TRANSFER

Transfer of this design approval document requires the prior approval of the Minister and the reissue of this document in the name of the transferee.

The reissue of this design approval document in the name of the transferee will be contingent on the holder and the transferee fulfilling their responsibilities as described in section 521.357 of the *Canadian Aviation Regulations*.

I have reviewed the above requirements and recognize that until the above requirements are met the certificate and all its privileges and obligations will not be transferred.

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Signature of holder/signature du titulaire

## TRANSFERT DU DOCUMENT D'APPROBATION DE LA CONCEPTION

L'approbation préalable du ministre est exigée en vue d'un transfert de ce document d'approbation de la conception et la réédition de ce document au nom du cessionnaire.

La réédition de ce document d'approbation de la conception au nom du cessionnaire est conditionnelle à la satisfaction des exigences et des responsabilités, du titulaire et du cessionnaire, décrites dans l'article 521.357 du *Règlement de l'aviation canadien*.

J'ai examiné les conditions susmentionnées et je comprends que le transfert du certificat et des privilèges et des obligations s'y rattachant ne sera pas effectué tant que ces conditions n'auront pas été respectées.

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date/date





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

Maintenance must be in accordance with Instructions for Continued Airworthiness: GEM-R-ICA Issue 1 accepted November 18, 2013, or later Transport Canada accepted revisions.

**TCCA Approved Model List**

Document AML-610C-1200C/H Rev. 0

ITEM	MAKE	MODEL	Canadian TC	FAA TC
1	Brantly	B-2, B-2A, B-2B		2H2
2	Brantly	305		H3SW
3	Enstrom	F-28, F-28A, 280, F-28C, F-28C-2, F-28C-2R, 280C, F-28F, F-28F-R, 280F, 280FX		H1CE
4	Hiller	UH-12B, UH-12C		6H2
5	Hiller	UH-12E, UH-12E-L		4H11
6	Hiller	UH-12L, UH-12L4		H1WE
7	Hiller	UH-12, UH-12A		6H1
8	Hiller	UH-12D		4H10
9	Robinson	R22, R22 Alpha, R22 Beta, R22 Mariner		H10WE
10	Robinson	R44, R44 II		H11NM
11	Scotts-Bell	47, 47B, 47B3, 47D, 47D1, 47E, 47G, 47G-2, 47H-1		H1
12	Scotts-Bell	47J, 47K, 47J-2, 47J-2A		2H1
13	Scotts-Bell	47G-2A, 47G-2A-1, 47G-3, 47G-3B, 47G-3B-1, 47G-4, 47G-4A		2H3
14	Sikorsky (Hughes 300, Schweizer 300)	269A, 269A-1, 269B, 269C, 269C-1		4H12

Note: Where no Canadian Type Certificate is indicated – the FAA Type Certificate has been accepted by Transport Canada (no Canadian TC issued).

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