



Transport
Canada

Transports
Canada

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: SA09-30

Issue No.: 2

Approval Date: April 16, 2009

Issue Date: May 14, 2010

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 Insight Graphic Engine Monitor GEM 610C as primary CHT, EGT & TIT instrument

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

Installation must be in accordance with Insight Instrument Corporation Master Document List MDL 610C-000 Rev. 6 or later Transport Canada approved revisions.

Operation must be in accordance with Aircraft Flight Manual Supplement 610C-FMS Issue 2, approved May 14, 2010 or later Transport Canada approved revisions.

Maintenance must be in accordance with Instructions for Continued Airworthiness 610C-ICA Issue 2, accepted May 14, 2010 or later Transport Canada approved revisions. Compliance with Chapter 4.0, "Airworthiness Limitations" of this Instructions for Continued Airworthiness is mandatory.

(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



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

Aeroplane Eligibility List

Make	Model	Canadian TC	FAA TC
BA Beagle	B206 – all	A-121	A11EU
Beechcraft	23 – all , 24 – all		A1CE
Beechcraft	33 – all , 36 – all		3A15
Beechcraft	35 – all		A-777/3A15
Beechcraft	45 – all		5A3
Beechcraft	50 – all		5A4
Beechcraft	55 – all , 56TC, A56TC, 58 – all, 95 – all		3A16
Beechcraft	58P		A23CE
Beechcraft	60 – all		A12CE
Beechcraft	65 – all		3A20
Beechcraft	76 – all		A29CE
Bellanca	17-30/31 – all		1A3/A18CE
Bellanca	14-19 – all		1A3
Bellanca	14-13 – all		A-773
Britten Norman	BN-2A – all	A-92	A29EU
Cessna	150, 152 – all		3A19
Cessna	170 – all		A-799
Cessna	172 – all	A-199	3A12
Cessna	175 – all		3A17
Cessna	177 – all		A13CE
Cessna	177RG		A20CE
Cessna	180 – all		5A6
Cessna	182 – all	A-204	3A13
Cessna	185 – all		3A24
Cessna	205 – all, 210 – all		3A21
Cessna	206 – all	A-212	A4CE
Cessna	207 – all		A16CE
Cessna	T303		A34CE

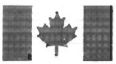


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Cessna	310 – all		3A10
Cessna	320 – all, 340 – all		3A25
Cessna	336		A2CE
Cessna	337 – all		A6CE
Cessna	401 – all, 402 – all, 411 – all, 414 – all, 421 – all, 425		A7CE
Cessna	404, 406		A25CE
Cessna/Lancair	LC40-550FG (300), LC42-550FG (350), LC41-550FG (400)	A-225	A00003SE
Cirrus	SR20, SR22	A-216	A00009CH
Composite Aircraft Corp. (Windecker)	AC-7		A7SW
Consolidated Aeronautics (Lake)	LA-4 – all		1A13
Diamond	DA20-A1, DA20-C1		TA4CH
Diamond	DA40, DA40F	A-224	A47CE
Found Aircraft Development Inc.	FBA-2C, FBA-2C1	A67	A7EA
Globe Swift	GC-1A/1B		A-766
Gulfstream Aerospace	AA-5B		A16EA
Gulfstream American (Grumman)	GA-7		A17SO
Helio Enterprises Inc.	H-295		1A8
Maule	M-4 – all, M-5 – all, M-6 – all, M-7 – all, MX7 – all	A-200	3A23
Mooney Aircraft Corp.	M-20 – all	A-221	2A3
Mooney	M-22		A6SW
Partenavia	P 68C		A31EU
Piper	PA-18 – all		1A2
Piper	PA-23 – all		1A10
Piper	PA-24 – all		1A15
Piper	PA-28 – all		2A13



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Piper	PA-30, PA-39		A1EA
Piper	PA-31 – all		A8EA
Piper	PA-32 – all	A-211	A3SO
Piper	PA-34 – all	A-180	A7SO
Piper	PA-42 – all		A23SO
Piper	PA-44 – all		A19SO
Piper	PA-46 – all	A-222	A25SO
Piper	PA-60 – all		A17WE
Pitts	S1, S2		A8SO
REVO Inc. (Consolidated Aeronautics)	Lake Model 250		1A13
Rockwell	112 – all, 114 – all		A12SO
Rockwell	500 – all, 560 – all, 680 – all		2A4
SIAI-Marchetti	F 260 – all		A10EU
SOCATA (Groupe Aerospatiale)	TB 9, TB 10, TB 20, TB 21, TB 200	A-153	A51EU
SOCATA (Groupe Aerospatiale)	MS 880B, MS 885, MS 892A, MS 892E, MS 893A, MS 893E, MS 894A, MS 894E, Rallye – 100S, 150T, 150ST, 235C, 235E		7A14
STOL (Republic)	RC-3		A-769
STOL Aircraft Corp.	UC-1		A6EA
Thompson	Navion – all		A-782

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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