



Transport
Canada

Transports
Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

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

Number: SA00-128

Issue No.: 2

Approval Date: November 21, 2000

Issue Date: July 05, 2011

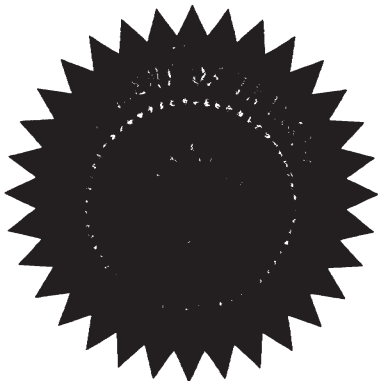
Responsible Office: Ontario
Aircraft/Engine Type or Model: See Aircraft Eligibility List
Canadian Type Certificate or Equivalent: See Aircraft Eligibility List
Description of Type Design Change: Installation of TAS 1000 True Air Data System


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

Installation must be in accordance with Insight Instrument document # 1000-402, revision H, dated December 10, 2010, or later Transport Canada accepted revision.

(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.

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.

date/date



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

Aircraft Eligibility List

Make	Model	Cdn TC	FAA TC
Aermacchi S.p.A./ SIAI-Marchetti	F 260 - all		A10EU
Aero Commander	10, 10A, 100, 100A, 100-180		1A21
Aeronca	C-2, PC-2		A-351
Aeronca	C-3, PC-3		A-396
Aeronca	LA, LB		A-596
Aeronca	LC, LCS		A-614
Aeronca	KM, 50-M		A-676
Aeronca	50-TC, 65-TC(L-3J), YO-58(L-3), 60-TF, 65-TF, 50-TL, 65-TL, 65-TAC(L-3E), 65-TAF(L-3D), 65-TAL		A-728
Aeronca	0-58A (Army L-3A), 0-58B(L-3B, L-3C) SO-58B		A-751
Aerostar	360, 400		A11WE
Aerostar	PA-60 - all		A17WE
Alexandria Aircraft LLC Bellanca	14-19 - all, 17-30, 17-31 - all		1A3
Alexandria Aircraft LLC Bellanca	17-30/31 - all		A18CE
American Champion/ Bellanca	8KCAB, 8GCBC	A-116	A21CF
American Champion/ Champion	402		A3CE
American Champion	7AC, 7ACA, S7AC, 7BCM (L-16A), 7CCM (L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB		A-759



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Aviat/ Sky International	A-1, A-1A, A-1B, A-1C-180, A-1C-200	A-165	A22NM
Bellanca	14-13 - all		A-773
Bellanca	CH-300 Pacemaker		ATC 129
Bellanca	CH-400 Skyrocket		ATC 319
Bellanca	300-W Pacemaker		ATC 328
Bellanca	CH, 6 or 8		ATC 47
Bellanca	E Pacemaker		ATC 476
Bellanca	F Skyrocket		TC 2-475
Bellanca	Pacemaker 31-42		TC 578
Bellanca	14-9, 14-9L		TC 716
Bellanca	14-12F-3, 3 PCLM		TC 745
Boeing Co. / North American	NOMAD NA-260 (T-28A)		1A18
British Aerospace	Beagle B.206 - all	A-121	A11EU
Britten Norman	BN-2A - all	A-92	A29EU
Bushmaster	Bushmaster 2000		A19WE
Cessna	C-38		TC 668
Cessna	120, 140		A-768
Cessna	140A		5A2
Cessna	150 - all, 152 - all		3A19
Cessna	F150 - all, FA150 - all, FRA150 - all, F-152, FA152		A13EU
Cessna	170 - all		A-799
Cessna	172 - all	A-199	3A12
Cessna	F172 - all		A4EU
Cessna	175 - all, 172RG, P172D, R172 - all		3A17
Cessna	177 - all		A13CE
Cessna	177RG		A20CE
Cessna	F177RG		A26EU
Cessna	180 - all		5A6
Cessna	182 - all	A-204	3A13



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Cessna	F182 - all, FR182 - all		A42EU
Cessna	185 - all		3A24
Cessna	188 - all	A-115	A9CE
Cessna	190, 195 - all		A-790
Cessna	210 - all, 205 - all		3A21
Cessna	206 - all	A-212	A4CE
Cessna	207 - all		A16CE
Cessna	208 - all		A37CE
Cessna	T303		A34CE
Cessna	310 - all		3A10
Cessna	320 - all, 335, 340 - all		3A25
Cessna	321		3A11
Cessna	336		A2CE
Cessna	337 - all		A6CE
Cessna	F337 - all, FT337 - all		A23EU
Cessna	401 - all, 402 - all, 411 - all, 414 - all, 421 - all, 425		A7CE
Cessna	404, 406 Caravan II)		A25CE
Cessna	425 (Corsair or Conquest I)		A7CE
Cessna	441 (Conquest)		A28CE
Cessna/ Lancair	LC40-550FG (300), LC42-550FG (350), LC41-550FG (400)	A-225	A00003SE
Cirrus	SR20, SR22, SR22T	A-216	A00009CE
Cub Crafters	CC18-180, CC18-180A		A00006SE
de Havilland/ Bombardier	DH.C1 Chipmunk 21, 22, 22A		A44EU
Diamond	DA20-A1, DA20-C1		A44CE
Diamond	DA 40, DA 40F	A-224	A47CE
Extra	EA-400		A43CE
Extra	EA-300 - all		A67EU
Found Aircraft	FBA-2C - all		A7EA
FS 2003 Corp.	PA-12, PA-12S		A-780
FS 2002 Corp.	PA-14		A-797



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GAS Airvan (Pty) Ltd. / Gippsland Aeronautics	GA8 - all		A00011LA
Globe	GC-1A, GC-1B		A-766
Grumman/ True Flight Holdings LLC	AA-5B		A16EA
Gulfstream American	G-44, G-44A (Grumman Widgeon)		A-734
Grumman/ SOCATA S.A.	GA-7		A17SO
Hawker Beechcraft	D17R		TC 638
Hawker Beechcraft	E17B, SE17B, E17L		TC 641
Hawker Beechcraft	F17D, SF17D		TC 689
Hawker Beechcraft	D17A		TC 713
Hawker Beechcraft	G17S		TC 779
Hawker Beechcraft	18A, S18A		TC 630
Hawker Beechcraft	19 - all, 23 - all, 24 - all		A1CE
Hawker Beechcraft	18 - all		A-684
Hawker Beechcraft	Beechcraft C18S - all		A-757
Hawker Beechcraft	3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J, E18S-9700, G18S, H18, C-45 - all, TC-45 - all, UC-45J		A-765
Hawker Beechcraft	33 - all, 35 - all, 36 - all		3A15
Hawker Beechcraft	35 - all		A-777
Hawker Beechcraft	45 - all		5A3
Hawker Beechcraft	50 - all		5A4
Hawker Beechcraft	55 - all, 56 - all, 58 - all, 95 - all		3A16
Hawker Beechcraft	Beech 58 - all		A23CE
Hawker Beechcraft	60 - all		A12CE
Hawker Beechcraft	65 - all, 70, B90, C90 (King Air), C90A, C90GT, E90, H90, C90GTi (King Air)	A-250	3A20
Hawker Beechcraft	76 - all		A29CE
Hawker Beechcraft	77		A30CE



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Hawker Beechcraft	99 - all, 100 - all		A14CE
Hawker Beechcraft	A100 - all, 200 - all, A200 - all, B200 - all, 1900 - all	A-149	A24CF
Helio/ Taylorcraft	15A, 20		3A3
Helio Aircraft LLC	11-250, 11-295, HT-295, H-391 - all, H-395 - all, H-700, H-800		1A8
Helio Aircraft LLC	500		A2EA
Interceptor/ Meyers	200 - all, 400		3A18
Lockheed	402-2		2A11
Luscombe Aircraft Corp.	8 - all, T- 8F		A-694
Luscombe Aircraft Corp.	Luscombe Phantom 1and 1S		TC 552
Luscombe Aircraft Corp	Luscombe 4, 2 PCLM		TC 687
Maule	M-4 - all, M-5 - all, M-6 - all, M-7 - all, MT-7 - all, MX-7 - all, MXT-7 - all, M-8 - all	A-200	3A23
MICCO Aircraft Co./ Meyers	MAC-125C, MAC-145 - all		3A1
Mitsubishi	MU-2B - all	A-96	A21C
Mitsubishi	MU-2B - all	A-156	A10SW
Mooney	M-18 - all		A-803
Mooney	M-20 - all	A-221	2A3
Mooney	M-22		A6SW
Morane Saulnier	MS 880B, MS 885, MS894A, MS 893A, MS 892A-150, MS 892E-150, MS893E, MS 894E, Rallye100S, Rallye 150T, Rallye150ST, Rallye 235E, Rallye 235C	A-58	7A14
Navion/ Sierra Hotel Aero	Navion - all models		A-782
Partenavia/ Vulcanair S.p.A.	P68 - all, AP68 - all		A3IEU



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Pilatus	PC-6 - all	A-78	7A15
Pilatus	PC-7 - all		A50EU
Pilatus	PC-12 - all	A-201	A78EU
Piper	PA-15		A-800
Piper	PA-16, PA-16S		1A1
Piper	PA-17		A 805
Piper	PA-18 - all, PA-19 - all		1A2
Piper	PA-18A - all		AR-7
Piper	PA-20 - all		1A4
Piper	PA-22 - all		1A6
Piper	PA-23 - all, PA-E23-250		1A10
Piper	PA-24 - all		1A15
Piper	PA-28 - all		2A13
Piper	PA-30, PA-39, PA-40		A1EA
Piper	PA-31 - all		A8EA
Piper	PA-32 - all	A-211	A3SO
Piper	PA-34 - all	A-180	A7SO
Piper	PA-36 - all		A9SO
Piper	PA-38-112		A18SO
Piper	PA-42 - all	A-168	A23SO
Piper	PA-44 - all		A19SO
Piper	PA-46 - all	A-222	A25SO
Piper	Cub E-2		ATC 455
Piper	Cub F-2		ATC 525
Piper	J-2		ATC 595
Piper	J-3, 2 PCL-SM		ATC 660
Piper	J3C - all, PA-11 - all		A 691
Piper	J3F - all		A-692
Piper	J3P		TC 695



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Piper	J3L - all		A-698
Piper	J4, J4A - all		A-703
Piper	J4B		TC 708
Piper	J4F		TC 721
Piper	J4E (Army L-4E)		A-740
Quartz Mtn. Aerospace/ Luscombe	11A, 11E		A-804
REVO Inc	Colonial C-1, C-2, Lake LA-4 - all, Lake Model 250		1A13
Rockwell/ CPAC Inc.	112 - all, 114 - all		A12SO
Sky International	A-1 - all	A-165	A22NM
Sky International/ Pitts	S1 - all, S2 - all		A8SO
SOCATA	TB 9, TB 10, TB 20, TB 21, TB 200	A-153	A51EU
SOCATA	TBM 700 - all	A-176	A60EU
SOCATA Groupe Aerospatale/ Morane Saulnier	MS 880B, MS 885, MS 892A-150, MS 892E-150, MS 893A, MS 893E, MS 894A, MS 894E, Rallye 100S/ 150T/ 150ST/ 235C/ 235E		7A14
STOL (Republic)/ Sky Enterprises Inc.	RC-3		A-769
STOL Aircraft Corp.	UC-1 (Twin-Bee)		A6EA
Symphony Aircraft	OMF-100-160, SA 160		A46CE
Taylorcraft 2000, LLC	BC, BCS, BC-65, BCS-65, BC12-65, BCS12-65, BC12-D, BCS12-D, BC12-D1, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85		A-696
Taylorcraft 2000, LLC	19, F19, F21 - all, F22 - all		1A9
Taylorcraft Inc.	Continental FA-III (Airphibian)		1A11
Taylorcraft, Inc.	A		A-643



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Taylorcraft, Inc.	BF, BFS, BF-60, BFS-60, BF-65, BFS-65, BF12-65, BFS12-65		A-699
Taylorcraft, Inc.	BL, BLS, BL-65, BLS-65, BL12-65, BLS12-65		A-700
True Flight Holding LLC/ American General	AA-1, AA-1A, AA-1B, AA-1C		A11EA
True Flight Holding LLC	AA-5, AA-5A, AA-5B, AG-5B		A16EA
Twin Commander	500 - all, 520, 560 - all		6A1
Twin Commander	560-F, 680 - all, 681, 685, 690 - all, 695 - all, 720		2A4
Twin Commander	700		A12SW
Univair	108 - all (Stinson)		A-767
Viking Air Ltd./ de Havilland	DHC-2 Mk I, DHC-2 Mk II, DHC-2 Mk III		A-806
Viking Air Ltd./ De Havilland	DHC-3 (Otter)		A-815
Vulcanair S.p.A/ Partenavia	P68 - all	A-150	A31EU
Waco Aircraft Co.	WACO YMF		ATC 542
Windecker/ Composite Aircraft Corp.	AC-7		A7SW
Zenith Aircraft Co.	Z-6-A		TC 2-269
ZLIN Aircraft a.s./ Moravan	ZLIN 562L		A30EU
ZLIN Aircraft a.s./ Moravan	ZLIN Z-242L, Z-143L		A76EU

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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