

## MINOR CHANGE APPROVAL

**10065742 REV. 1**

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

### TRIG AVIONICS Ltd.

BUILDING 3  
HERIOT WATT RESEARCH PARK  
RICCARTON, EDINBURGH  
EH14 4AP  
UNITED KINGDOM  
EASA.AP205

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

**Type Certificate Number:** SEE EASA APPROVED MODEL LIST

**Type Certificate Holder:** SEE EASA APPROVED MODEL LIST

**Type:** SEE EASA APPROVED MODEL LIST

**Model:** SEE EASA APPROVED MODEL LIST

#### Description of Design Change:

Installation of TN72 TABS (Class B) GPS Receiver for ADS-B Out

This change in combination with a preinstalled Trig TT21/22 or TT31 transponder and TA70 GPS antenna enables a voluntary ADS-B Out system that is compatible with airborne traffic systems and surface surveillance equipment.

#### EASA Certification Basis:

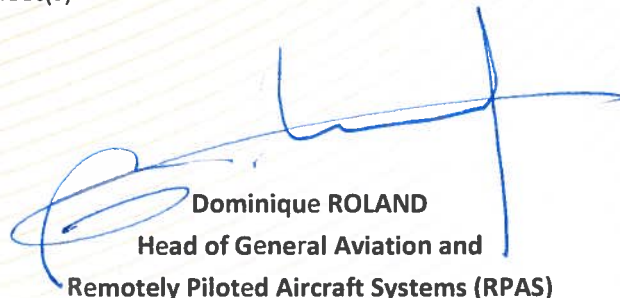
The Certification Basis (CB) for the original product remains applicable to this certificate/ approval.

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the original product are unchanged and remain applicable to this certificate/ approval.

See Continuation Sheet(s)

For the European Aviation Safety Agency

Cologne, Germany, 14 June 2018



**Dominique ROLAND**  
Head of General Aviation and  
Remotely Piloted Aircraft Systems (RPAS)

**Associated Technical Documentation:**

Installed and Operated in accordance with:

-Doc No. SUP.TN72.001, Issue 1.0, Dated 20 April 2018

or later revisions of the above listed document(s) approved under the EASA system.

**Limitations/Conditions:**

The approval holder shall fulfill the obligations of Part 21, Point 21A.109.

The approval holder shall fulfill the obligations of Part 21, 21.A.451(b).

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -



**EASA Approved Model List (AML)**  
**10065742 REV. 1**  
**Trig Avionics Ltd.**

Aircraft Make	Aircraft Model	EASA TC No.
CESSNA AIRCRAFT COMPANY	F150F	EASA.A.372
CESSNA AIRCRAFT COMPANY	F150G, F150H, F150J, F150K, F150L, F150M, F152, FA150K, FA150L, FA150M, FA152, FRA150L, FRA150M	US A13EU
CESSNA AIRCRAFT COMPANY	F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172D	US A4EU
CESSNA AIRCRAFT COMPANY	F177RG	US A26EU
CESSNA AIRCRAFT COMPANY	F182P, 182Q, FR182	US A42EU
CESSNA AIRCRAFT COMPANY	FR172E, FR172F, FR172G, FR172H, FR172J, FR172K	US A18EU
BRITTEN-NORMAN AIRCRAFT LTD	BN2	AAN 9405.1
BRITTEN-NORMAN AIRCRAFT LTD	BN2A	AAN 10101
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-10	AAN 11529
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-2	AAN 10918
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-20, BN2A-21, BN2A-26, BN2A-27, BN2A-8, BN2A-9, BN2B-20, BN2B-21, BN2B-26, BN2B-27	EASA.A.388
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-23	AAN 12401
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-3	AAN 11105
BRITTEN-NORMAN AIRCRAFT LTD	BN2A-6	AAN 11108
AQUILA AVIATION INTERNATIONAL GMBH	AT01-100, AT01	EASA.A.527
AVIAT AIRCRAFT INC	A-1, A-1A, A-1B, A-1C-180	EASA.IM.A.294
AVIAT AIRCRAFT INC	S-1S, S-2A, S-2B, S-2C, S-2S	US A8SO
CIRRUS DESIGN CORPORATION	SR20, SR22, SR22T	EASA.IM.A.007
DIAMOND AIRCRAFT INDUSTRIES	DA42, DA42M, DA42NG, DA62	EASA.A.005
DIAMOND AIRCRAFT INDUSTRIES	DA42M-NG (Restricted) DA42M (Restricted)	EASA.A.513
DIAMOND AIRCRAFT INDUSTRIES	DV20, DV20E	EASA.A.439
DIAMOND AIRCRAFT INDUSTRIES	H 36 "Dimona" HK 36 "Super Dimona" HK 36 R "Super Dimona" HK 36 TC HK 36 TS HK 36 TTC HK 36 TTC-ECO HK 36-TTS	EASA.A.065
DIAMOND AIRCRAFT INDUSTRIES	HK 36 TTC-ECO	EASA.A.066
E.I.S. AIRCRAFT GMBH	Fournier RF 3, Fournier RF 4, Fournier RF 4 D	DE TC 666
E.I.S. AIRCRAFT GMBH	Fournier RF 5, Fournier RF 5 B	DE TC 695
E.I.S. AIRCRAFT GMBH	RS 180	DE 1014
E.I.S. AIRCRAFT GMBH	SFS 31	DE TC 755
EVEKTOR, SPOL. S R.O.	EV-97 VLA	EASA.A.029
EVEKTOR, SPOL. S R.O.	L13 SDL, L13 SDM, L13 SE, L13 SEH, L13 SL, L13 SW	EASA.A.046
EVEKTOR, SPOL. S R.O.	SportStar RTC	EASA.A.592

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Aircraft Make	Aircraft Model	EASA TC No.
EXTRA	EA 300, EA 300/200, EA 300/L, EA 300/LC, EA 300/LT, EA 300/S, EA 300/SC	EASA.A.362
FUJI HEAVY INDUSTRIES LTD.	FA-200-160	JP 20-10
FUJI HEAVY INDUSTRIES LTD.	FA-200-180	JP 22-2
FUJI HEAVY INDUSTRIES LTD.	FA-200-180AO	JP 22-6
GROB AIRCRAFT AG	G 120A, G 120A-I	EASA.A.075
GROB AIRCRAFT AG	G 120TP-A	EASA.A.565
GROB AIRCRAFT AG	G 109, G 109B	DE TC 817
GROB AIRCRAFT AG	G 115, G 115A, G 115B, G 115C, G 115C2, G 115D, G 115D2, G 115E, G 115EG, G 115TA	EASA.A.364
HB-FLUGTECHNIK GMBH	HB 21, HB 21 V1, HB 21 V2, HB 21/2400, HB 21/2400 B	EASA.A.434
HB-FLUGTECHNIK GMBH	HB 23/2400 HB 23/2400 SP HB 23/2400 Scanliner HB 23/2400 V2	EASA.A.433
M & D FLUGZEUGBAU GMBH	AVO 68 – R AVO 68 – R100 AVO 68 – R115 AVO 68 – S AVO 68 – V	EASA.A.252
PILATUS AIRCRAFT LTD.	PC-6, PC-6-H1, PC-6-H2, PC-6/350, PC-6/350-H1, PC-6/350-H2, PC-6/A, PC-6/A-H1, PC-6/A-H2, PC-6/A1-H2, PC-6/A2-H2, PC-6/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4, PC-6/C-H2, PC-6/C1-H2	CH F 56-10
PZL WARSZAWA-OKECIE S.A.	PZL-104 Wilga 32 PZL-104 Wilga 32A PZL-104 Wilga 35 PZL-104 Wilga 35A PZL-104 Wilga 80 PZL-104M Wilga 2000 PZL-104MA Wilga 2000 PZL-104MF Wilga 2000 PZL-104MN Wilga 2000	EASA.A.061
PZL WARSZAWA-OKECIE S.A.	PZL-106 BT-601 TURBO KRUK PZL-106 BTU-34 TURBO KRUK	EASA.A.444
PZL WARSZAWA-OKECIE S.A.	PZL-110 KOLIBER PZL-KOLIBER 150 PZL-KOLIBER 150A PZL-KOLIBER 160A	EASA.A.091
SLINGSBY ADVANCED COMPOSITES	T67A T67B Firefly T67C Firefly T67M Firefly T67M-MKII Firefly T67M200 Firefly T67M260 Firefly T67M260-T3A Firefly	EASA.A.390



Aircraft Make	Aircraft Model	EASA TC No.
SOCATA	MS 880 B, MS 880 B-D, MS 881, MS 883, MS 884, MS 885, MS 886, MS 887 Rallye 100 S, Rallye 100 S-D, Rallye 100 ST, Rallye 100 ST-D, Rallye 110 ST, Rallye 150 ST, Rallye 150 ST-D, Rallye 150 SV, Rallye 150 SVS, Rallye 150 T, Rallye 150 T-D, Rallye 180 T, Rallye 180 T-D, Rallye 180 TS	EASA.A.377
SOCATA	MS 890 A, MS 890 B, MS 892 A.150, MS 892 B.150, MS 892 E-D.150, MS 892 E.150, MS 893 A, MS 893 B, MS 893 E, MS 893 E-D, MS 894 A, MS 894 C, MS 894 E RALLYE 235 A, RALLYE 235 C, RALLYE 235 E, RALLYE 235 E-D, RALLYE 235 F	EASA.A.379
SOCATA	TB 10, TB 20, TB 200, TB 21, TB 9	EASA.A.378
STEMME AG	Stemme S10, Stemme S10-V, Stemme S10-VT, Stemme S12	EASA.A.054
SYMPHONY AIRCRAFT INDUSTRIES	OMF-100-160	EASA.IM.A.031
TECHNOFLUG LEICHTFLUGZEUGBAU	CARAT	DE TC 880
TRUE FLIGHT HOLDINGS LLC	AA-5, AA-5A, AA-5B, AG-5B	US A16EA
TRUE FLIGHT HOLDINGS LLC	AA-1, AA-1A, AA-1B, AA-1C	US A11EA
COMMANDER AIRCRAFT CORPORATION	112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC	US A12SO
COSTRUZIONI AERO. TECNAM	P2002-JF, 92002-JR	EASA.A.006
BEECHCRAFT CORPORATION	50, B50, C50, D50, D50A, D50B, D50C, D50E, D50E-5990, E50, F50, G50, H50, J50	US 5A4
BEECHCRAFT CORPORATION	58P, 58PA, 58TC, 58TCA	US A23CE
BEECHCRAFT CORPORATION	76	US A29CE,
BEECHCRAFT CORPORATION	77	US A30CE
BEECHCRAFT CORPORATION	19A, 23, A23, A23-19, A23-24, A23A, A24, A24R, B19, B23, B24R, C23, C24R, M19A	US A1CE
DIAMOND AIRCRAFT IND. INC	DA 20-A1, DA 20-C1	EASA.IM.A.223
DIAMOND AIRCRAFT IND. INC	DA 40, DA 40 D, DA 40 F, DA 40 NG	EASA.IM.A.022
DIAMOND AIRCRAFT IND. INC	DA 62	EASA.IM.A.629
MAULE AEROSPACE TECHNOLOGY	Bee Dee M-4, M-4, M-4-180V, M-4-210, M-4-210C, M-4-220, M-4-220C, M-4-220S, M-4C, M-4S, M-4T, M-5-180C, M-5-210C, M-5-235C, M-6-235, M-7-235, M-7-235B, MT-7-235, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-235, MXT-7-160, MXT-7-180, MXT-7-180A	EASA.IM.A.018
MOONEY AVIATION COMPANY, INC.	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20S	US 2A3
MOONEY AVIATION COMPANY, INC.	M20M, M23R	EASA.IM.A.266
MOONEY AVIATION COMPANY, INC.	M22	US A6SW
PIPISTREL D.O.O. AJDOVSCINA	Virus SW 121	EASA.A.573

Aircraft Make	Aircraft Model	EASA TC No.
QUEST AIRCRAFT DESIGN LLC	Kodiak 100	EASA.IM.A.632
ZLIN AIRCRAFT A.S.	Z 126, Z 126 T, Z 226 A, Z 226 B, Z 226 M, Z 226 MS, Z 226 T, Z 326, Z 326 A, Z 326 M, Z 526, Z 526 A, Z 526 AFS, Z 526 AFS-V, Z 526 F, Z 526 L, Z 526 M, Z 726, Z 726 K	EASA.A.353
ZLIN AIRCRAFT A.S.	Z 137 T, Z 37 T	EASA.A.443
ZLIN AIRCRAFT A.S.	Z 142, Z 142 C, Z 242 L, Z 42 M, Z 42 MU	EASA.A.027
ZLIN AIRCRAFT A.S.	Z 143 L, Z 143 LSi, Z 43	EASA.A.028
ZLIN AIRCRAFT A.S.	Z 50 L, Z 50 LA, Z 50 LS, Z 50 LX, Z 50 M	EASA.A.108
PIPER AIRCRAFT, INC.	PA-23-235, PA-23-250, PA-E23-250	US 1A10
PIPER AIRCRAFT, INC.	PA-24, PA-24-250, PA-24-260, PA-24-400	US 1A15
PIPER AIRCRAFT, INC.	PA-28-140 (Cherokee Cruiser) PA-28-150 (Cherokee) PA-28-151 (Cherokee Warrior) PA-28-160 (Cherokee) PA-28-161 PA-28-161 (Warrior II) PA-28-161 (Warrior III) PA-28-180 (Archer) PA-28-180 (Cherokee) PA-28-181 (Archer II) PA-28-201T (Turbo Dakota) PA-28-235 (Cher.Pathfinder) PA-28-236 (Dakota) PA-28R-180 (Arrow) PA-28R-200 (Arrow II) PA-28R-200 (Arrow) PA-28R-201 (Arrow III) PA-28R-201T (Turbo Arrow III) PA-28RT-201 (Arrow IV) PA-28RT-201T (Turbo Arrow IV) PA-28S-160 (Cherokee) PA-28S-180 (Cherokee)	US 2A13
PIPER AIRCRAFT, INC.	PA-28-181 (Archer III)	EASA.IM.A.234
PIPER AIRCRAFT, INC.	PA-30, PA-39, PA-40	US A1EA
PIPER AIRCRAFT, INC.	PA-31 PA-31-300 PA-31-325 PA-31-350 (Chieftain)	US A20SO

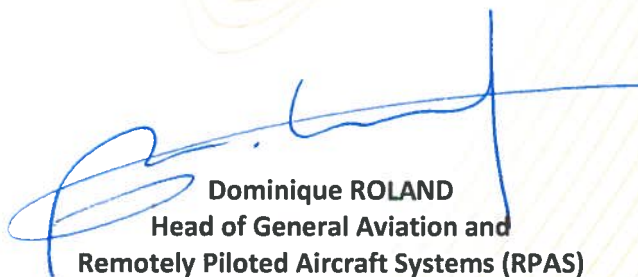


Aircraft Make	Aircraft Model	EASA TC No.
PIPER AIRCRAFT, INC.	PA-32-260 (Cherokee Six 260) PA-32-300 (Cherokee Six 300) PA-32-301 (Saratoga) PA-32-301T (Turbo Saratoga) PA-32R-300 (Lance) PA-32R-301 (Saratoga SP) PA-32R-301T (Turbo SaratogaSP) PA-32RT-300 (Lance II) PA-32RT-300T (Turbo Lance II) PA-32S-300 (Cher.Six Seaplane)	US A3SO
PIPER AIRCRAFT, INC.	PA-32-301FT (Piper 6X) PA-32-301XTC (Piper 6XT) PA-32R-301 (Saratoga II HP) PA-32R-301T (Saratoga II TC)	EASA.IM.A.239
PIPER AIRCRAFT, INC.	PA-34-200 (Seneca) PA-34-200T (Seneca II) PA-34-220T (Seneca III) PA-34-220T (Seneca IV)	US A7SO
PIPER AIRCRAFT, INC.	PA-34-220T (Seneca V)	EASA.IM.A.090
PIPER AIRCRAFT, INC.	PA-36-285 (Normal category) PA-36-300 (Normal category) PA-36-375 (Normal category)	US A9SO
PIPER AIRCRAFT, INC.	PA-36-285 (Restricted) PA-36-300 (Restricted) PA-36-375 (Restricted)	US A10SO
PIPER AIRCRAFT, INC.	PA-38-112	US A18SO
PIPER AIRCRAFT, INC.	PA-44-180 (Seminole) PA-44-180T (Turbo Seminole)	EASA.IM.A.232
CUB CRAFTERS, Inc.	CC19-180	EASA.IM.A.638
TEXTRON AVIATION INC.	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, A152	US 3A19
TEXTRON AVIATION INC.	172RG, 175, 175A, 175B, 175C, P172D, R172D, R172E, R172F, R172G, R172H, R172J, R172K	US 3A17
TEXTRON AVIATION INC.	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172Q	US 3A12
TEXTRON AVIATION INC.	172R, 172S	EASA.IM.A.051
TEXTRON AVIATION INC.	177, 177A, 177B	US A13CE
TEXTRON AVIATION INC.	177RG	US A20CE
TEXTRON AVIATION INC.	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	US 5A6
TEXTRON AVIATION INC.	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182	US 3A13
TEXTRON AVIATION INC.	182S, 182T, T182T	EASA.IM.A.052
TEXTRON AVIATION INC.	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	US 3A24
TEXTRON AVIATION INC.	188, 188A, 188B, A188, A188A, A188B, T188C	US A9CE
TEXTRON AVIATION INC.	206H, T206H	EASA.IM.A.053

Aircraft Make	Aircraft Model	EASA TC No.
TEXTRON AVIATION INC.	206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G	US A4CE
TEXTRON AVIATION INC.	207, 207A, T207, T207A	US A16CE
TEXTRON AVIATION INC.	210, 210-5 (205), 210-5A (205A), 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, P210N, P210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R	US 3A21

For the European Aviation Safety Agency,

Cologne, Germany, 14 June 2018



**Dominique ROLAND**  
 Head of General Aviation and  
 Remotely Piloted Aircraft Systems (RPAS)