

## SUPPLEMENTAL TYPE CERTIFICATE

**10064473**

This Supplemental Type Certificate 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

### **GARMIN (EUROPE) LIMITED**

**LIBERTY HOUSE  
HOUNSDOWN BUSINESS PARK  
SOUTHAMPTON  
Hampshire  
SO40 9LR  
UNITED KINGDOM**

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 environmental protection requirements when operated within the conditions and limitations specified below:

**Original 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 Garmin G5 Electronic Flight Instrument.

**EASA Certification Basis:**

a. The certification basis for parts not changed or not affected by this change remains unchanged from the original approval.


b. The certification basis for parts changed or affected by this change is FAR Part 23:

23.301(a), 23.303, 23.305(a)(b), 23.307(a), 23.337(a)(b), 23.561(a)(b)(3), 23.561(e), 23.601, 23.603, 23.605(a), 23.607(b), 23.613(a)(b), 23.771(a), 23.773(a)(2), 23.777(a)(b), 23.853(a), 23.1301, 23.1303(a)(b)(c)(f), 23.1307, 23.1309(a)(b)(c)(d)(e), 23.1311(a)(1)(2)(3)(6)(7)(b), 23.1321(c)(d)(e), 23.1322, 23.1323(a)(b)(c), 23.1325(a)(b),

See Continuation Sheet(s)

**For the European Aviation Safety Agency**

**Cologne, Germany, 30 January 2018**



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

23.1327(a)(1)(2), 23.1329(g)(h), 23.1331(a)(b)(1)(c), 23.1351(a), 23.1353(h), 23.1357(a)(b)(c)(d), 23.1359, 23.1365(a)(b)(d)(e), 23.1381(a)(b), 23.1431(a)(b), 23.1529, 23.1541, 23.1543(b), 23.1545(a)(b)(c), 23.1555(a)(b), 23.1581(a)(b)(d)(f), 23.1585(a).

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.

**Associated Technical Documentation:**

Installation in accordance with Garmin Master Drawing List (MDL) 005-01112-01, Revision 8, dated October 18, 2017.

Instructions for Continued Airworthiness (ICA) as listed in above MDL.

Operate in accordance with Garmin G5 Airplane Flight Manual Supplement as listed in above MDL.

For EASA STC 10064473 Approved Models refer to Garmin Authorized Model List, 005-01112-46, Revision 1

or later revisions of the above listed documents approved by EASA.

(1) The installation of the G5 requires the retention of existing mechanical airspeed indicator, altimeter, and vertical speed indicator.

(2) For installations in aircraft approved for IFR operations:

(a) If the G5 is installed as the primary attitude indicator, the existing rate of turn indicator must be retained.

(b) If the G5 is installed as the rate of turn indicator, the existing primary attitude indicator must be retained.

(3) For installations in aircraft approved for VFR-only operations, the G5 can be installed as the attitude indicator and rate of turn indicator without retention of either the existing attitude indicator or rate of turn indicator.

(4) Aircraft modified by this STC must be operated in accordance with the Airplane Flight Manual Supplement (AFMS) identified above.

(5) Aircraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) identified above.

(6) If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.

**Limitations/Conditions:**

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

- End -

**EASA Authorized Model List**

**G5 EASA AML STC**

**EASA STC Number 10064473**

**Installation of Garmin G5 Electronic Instrument System**

Issued Date:

Revised Date:

(See Revision History for full list of revisions)

European Aviation Safety Agency  
Paul HATTON  
Project Certification Manager



**EASA Authorized Model List, STC Number 10064473**

**Model List Revision Log**

Date	Description
See cover	Original



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**EASA Authorized Model List, STC 10064473**

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Cert. Basis*	MDL 005-01112-01 Rev.**	Model List Rev. Date	Limitations
AT-3 (AERO AT SP.z o.o.)	AT-3R100	EASA.A.021	CS-VLA	Rev 8	Rev 1	
Bölkow BO 207 (AIRBUS DEFENCE AND SPACE GmbH) [Bölkow]	Bölkow 207, Bölkow 207T	EASA.A.553	CAR Part 3 Amdt 3-1 to 3-5 15 May 1956	Rev 8	Rev 1	
Bölkow BO 208 (AIRBUS DEFENCE AND SPACE GmbH) [Bölkow]	Bölkow Junior, Bölkow BO 208 C Junior	EASA.A.358	CAR Part 3 Amdt 3-1 to 3-7 15 May 1956	Rev 8	Rev 1	
Bölkow BO 209 (AIRBUS DEFENCE AND SPACE GmbH) [Bölkow]	Bölkow BO 209 MONSUN, Bölkow BO 209 S	EASA.A.357	FAR-23 through 23-9	Rev 8	Rev 1	



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L 200 (Aircraft Industries a.s.) [LET]	L-200 A, L-200 D	EASA.A.043	BCAR normal amdt 6 CAR Part 3 normal BVF usage group P normal	Rev 8	Rev 1	



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HR200 and R2000 series (Alpha Aviation Concept Ltd.)	HR200-100, HR200-120, HR200-120B, HR200-160, HR200-100S, R2100, R2100A, R2160, R2160D, R2112, R2160i, R2120U	EASA.IM.A.086	Various see TCDS	Rev 8	Rev 1	
Aquila AT01 (Aquila Aviation International GmbH)	AT01	EASA.A.527	CS-VLA	Rev 8	Rev 1	



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ATL (C.E.A.P.R.) [Robin]	ATL, ATL "S", ATL "L"	EASA.A.374	FAR 23 through Amt. 28 France SC CTC23 Issue 1	Rev 8	Rev 1	
DR 200 Series (C.E.A.P.R.) [Robin]	DR 200, DR 220, DR 221 B, DR 250, DR 220 A, DR 253, DR 250-160, DR 220 B, DR 253 B, DR 250 B, DR 220 AB, DR 250 B-160, DR 221	EASA.A.510	Various See TCDS	Rev 8	Rev 1	
DR 300 Series, DR 400 Series (C.E.A.P.R.) [Robin]	DR 340, DR 315, DR 360, DR 380, DR 300/108, DR 300/180 R, DR 300/140, DR 300/125, DR 300/120, DR 400/125, DR 400/140, DR 400/160, DR 400/180, DR 400/180 R, DR 400/2+2, DR 400/120, DR 400/125i, DR 400/140 B, DR 400/120 A, DR 400/160 D, DR 400/120 D, DR 400/180 S, DR 400/100, DR 400 RP, DR 400 NGL, DR 400/200 R, DR 400/500, DR 400/200 I	EASA.A.367	Various see TCDS	Rev 8	Rev 1	
HR 100 Series, R 1000 Series (C.E.A.P.R.) [Robin]	HR 100-200, HR 100-200 B, HR 100-210, HR 100-210 D, HR 100-285 Tiara, HR 100-250 TR, HR 100-285 C, R 1180 T, R 1180 TD	EASA.A.368	Various see TCDS	Rev 8	Rev 1	





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R3000 (C.E.A.P.R.) [Robin]	R 3000/100, R 3000/120, R300/120 D, R 3000/140, R 3000/160, R 3000/160 S, R 3000/180	EASA.A.372	FAR 23 through Amdt 23	Rev 8	Rev 1	
P2002 (Construzioni Aeronautiche Tecnam S.r.l)	P2002-JF, P2002-JR	EASA.A.006	CS-VLA	Rev 8	Rev 1	
DV 20 (Diamond Aircraft Industries GmbH)	DV 20, DV 20 E	EASA.A.439	CS-VLA	Rev 8	Rev 1	
G 115 (GROB AIRCRAFT AG)	G 115, G 115A, G 115B, G 115C, G 115C2, G 115D, G 115D2, G 115EG,	EASA.A.364	FAR 23 Amdt 32	Rev 8	Rev 1	
HB 21 (HB-Flugtechnik GmbH)	HB 21, HB 21/2400, HB 21/2400 B, HB 21 V1, HB 21 V2	EASA.A.434	LFSM 1-Nov. 1975	Rev 8	Rev 1	
HB 23 (HB-Flugtechnik GmbH)	HB 23/2400, HB 23/2400 SP, HB 23/2400 Scanliner, HB 23/2400 V2	EASA.A.433	Various see TCDS	Rev 8	Rev 1	
T67 (Slingsby Advanced Composites Ltd) [Firefly]	T67A, T67B Firefly, T67C Firefly, T67M Firefly, T67M-MkII Firefly, T67M200 Firefly	EASA.A.390	Various see TCDS	Rev 8	Rev 1	
MS880, Rallye 100, Rallye 150, Rallye 180 (Socata)	MS 880B, MS 880B-D, MS 881, MS 885, MS 886, MS 883, MS 887, MS 884, Rallye 100-S, Rallye 100 S-D, Rallye 100 ST, Rallye 100 ST-D, Rallye 110 ST, Rallye 150 T, Rallye 150 T-D, Rallye 150 ST, Rallye 150 ST-D, Rallye 150 SV, Rallye 150 SVS, Rallye 180 T, Rallye 180 T-D, Rallye 180 TS	EASA.A.377	AIR 2052 - Ed. Novembre 1959	Rev 8	Rev 1	
MS 890, MS 892, MS 893, MS 894, Rallye 235 (Socata) [MS 890 and Rallye 235 Series]	MS 890 A, MS 890 B, MS 892 A.150, MS 892 B.150, MS 892 E.150, MS 892 E-D.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 E, Rallye 235 E-D, Rallye 235 A, Rallye 235 C, Rallye 235 F	EASA.A.379	French Norme AIR 2052 - Ed. Novembre 1959	Rev 8	Rev 1	
Z 26 (ZLIN AIRCRAFT A.S.) [Morovan]	Z 126, Z 126 T, Z 226 B, Z 226 T, Z 226 A, Z 226 M, Z 226 MS, Z 326, Z 326 A, Z 326 M, Z 526, Z 526 A, Z 526 F, Z 526 L, Z 526 AFS, Z 526 AFS-V, Z 526 M, Z 726, Z 726 K	EASA.A.353	Various see TCDS	Rev 8	Rev 1	



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Z 50 (ZUIN AIRCRAFT A.S.) [Morovan]	Z 50 L, Z 50 LA, Z 50 LS, Z 50 LX, Z 50 M	EASA.A.108	14 CFR Part 23, incl. Amdt. 23-1 through 23-14	Rev 8	Rev 1	

[\* TC Certification Basis - See Type Certificate Data Sheet applicable to aircraft for complete certification basis.]

[\*\* Later EASA-approved revisions of the Master Drawing List may be used.]

Limitations:

\*\*\*\*\*END\*\*\*\*\*

