



Al contestar cite Radicado 2023240040021649 Id: 1081043
Folios: 6 Fecha: 2023-07-31 07:29:56
Anexos: 0
Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA
Destinatario: Garmin International Inc.

Bogota, July 11, 2023.

Paul Mast

Manager, Aircraft Certification
Garmin International
1200 East 151St StreetOlathe, KS 66062.

**Subject: Acceptance of Foreign Supplemental Type Certificate (STC)
SA01844WI (issued by FAA).**

References:

1. UAEAC Application form RAC-8110-12 (Dated February 06, 2023).
2. Application letter: Garmin letter GL23008_2, request STC Acceptance.
3. FAA Letter 7K5-23-00161 Design Approval Application for Validation of FAA STC SA01844WI. Dated March 01, 2023.
4. Colombian Civil Aviation Regulations, RAC 21. § 21.515.

Dear Mr. Mast

According to your application for the acceptance of FAA Supplemental Type Certificate No. **SA01844WI**, related to the installation of:

- ***Garmin G600 Automatic Flight Control System (AFCS) in the Part 23 aircraft listed in the Approved Model List (AML).***

Considering that Garmin has submitted the associated technical documentation, which was reviewed and evaluated under Colombian Civil Aviation Regulations (RAC 21, § 21.515). The Colombian Civil Aviation Authority (AEROCIVIL) accepts the foreign Supplemental Type Certificate No. **SA01844WI**, for major alteration application on Colombian registered aeronautical products, in accordance with airworthiness limitations and conditions stated in the FAA Supplemental Type Certificate.

As substantiated by GARMIN, the following is the list of required documents that must accompany each installation of aeronautical products registered in Colombia as required by

RAC43 § 43.300(b). The documents that apply to all models and their different variants approved in the AML are those listed below:

Title	P/N	Rev**	AML
Equipment List, GFC600 Automatic Flight Control System Installation,	005-01009-05	40	All Airframes
Part 23 AML STC 005-01009-05 40	190-01937-00	29	
GFC 600 Automatic Flight Control System Part 23 AML STC Installation	190-01938-00	13	
GFC600 Install Manual Addendum, Textron Aviation Bonanza 36/A36 (Pre-1984) and A36TC 190-01937-01 13	190-01937-01	13	Textron Aviation (Beechcraft) Model 36/A36)
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Beechcraft 36/A36 190-02011-00 3	190-02011-0	3	
Modification Drawing, GFC600 Installation, Textron 36/A36, Early SN	005-01009-0D	1	
Beechcraft 36/A36 190-02011-00 3	2080	B	
GFC600 Install Manual Addendum, Textron Aviation Bonanza 36/A36 (Pre-1984) and A36TC	190-01937-01	13	Textron Aviation (Beechcraft) Model 36/A36)
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Beechcraft 36/A36	190-02011-00	3	
Modification Drawing, GFC600 Installation, Textron 36/A36, Early SN	005-01009-0D	1	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC600 Install Manual Addendum, Textron Aviation 182	190-01937-02	8	Textron Aviation Inc (Cessna) 182 Series
GFC600 Install Manual Addendum, Textron Aviation 182 190-01937-02 8			
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Cessna 182P/182Q/182R/T182/182S/182T/T182T	190-02011-02	3	
GFC600 Install Manual Addendum, Textron Aviation Baron 55 Series	190-01937-03	13	Textron Aviation (Beechcraft) 95-B55/95-B55A, 95-C55/95-C55A, D55/D55A, E55/E55A
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Beechcraft 95-B55/95-B55A, 95-C55/95-C55A, D55/D55A, E55/E55A	190-02011-01	5	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC600 Install Manual Addendum, Textron Aviation Bonanza A36 (1984 and after)	190-01937-04	11	Textron Aviation (Beechcraft) A36
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation A36 (1984 and after)	190-02011-03	3	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC600 Install Manual Addendum, Textron Aviation Bonanza 36/A36 (Pre-1984) and A36TC	190-01937-01	13	Textron Aviation (Beechcraft) A36TC

Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation A36TC	190-02011-05	3	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC600 Install Manual Addendum, Textron Aviation Baron 58 (1984 and after)	190-01937-05	10	Textron Aviation (Beechcraft) Model 58/58A
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 58/58A	190-02011-04	5	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC600 Install Manual Addendum, Textron Aviation 208/208B	190-01937-07	6	Textron Aviation (Cessna) Model 208/208B (non-FedEx)
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 208/208B	190-02011-07	4	
FC600 Install Manual Addendum, Textron Aviation 208B, FedEx Configuration 1	190-01937-09	4	Textron Aviation (Cessna) Model 208B (FedEx)
GFC600 Install Manual Addendum, Textron Aviation 208B, FedEx Configuration 2	190-01937-15	6	
Modification Summary FedEx 208B GFC 600 AFCS Configuration 1	190-01937-12	1	
Modification Summary FedEx 208B GFC 600 AFCS Configuration 2	190-01937-16	3	
Wiring Diagram, GFC 600 AFCS FedEx Caravan 208B, Configuration 1	005-W0038-00	3	
Wiring Diagram, GFC 600 AFCS FedEx Caravan 208B, Configuration 2	005-W0039-00	5	
Harness Fab, GFC 600 AFCS FedEx Caravan 208B Configuration 1	320-01303-XX	3	
Harness Fab, GFC 600 AFCS FedEx Caravan 208B Configuration 2	320-01321-XX	3	
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 208/208B	190-02011-07	4	
GFC 600 Install Manual Addendum, Textron Aviation Baron 58P	190-01937-10	9	Textron Aviation (Beechcraft) Model 58P/58PA/58TC/58TCA
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 58P / 58PA / 58TC / 58TCA	190-02011-09	3	
Garmin STC Service Bulletin No.: 2080	2080	B	
GFC 600 Install Manual Addendum, Textron Aviation 414A	190-01937-14	6	Textron Aviation Inc. (Cessna) Model 414A
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Cessna 414A	190-02011-10	2	
GFC 600 Install Manual Addendum, TBM 700/700N	190-01937-08	6	Daher Aerospace TBM 700/700N

Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Daher Aerospace TBM 700/700N	190-02011-08	2	
GFC 600 Install Manual Addendum Piper PA-46 Series	190-01937-18	10	Piper PA-46-310P/PA-46-350P
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Piper PA-46-310P/350P	190-02011-11	3	
GFC600 Install Manual Addendum, Textron Aviation 425	190-01937-22	3	Textron Aviation Inc. (Cessna) Model 425
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 425	190-02011-16	1	
GFC600 Install Manual Addendum, Textron Aviation 421C	190-01937-23	4	Textron Aviation Inc. (Cessna) Model 421C
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Cessna 421C	190-02011-17	1	
GFC 600 Install Manual Addendum Textron Aviation CitationJet 525	190-01937-21	5	Textron Aviation Inc. (Cessna) Model 525
Wiring Diagram, GFC 600 AFCS Citation Jet 525	005-W0046-00	1	
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 525	190-02011-15	1	
GFC 600 Install Manual Addendum, PA-31	190-01937-24	4	Piper PA-31 and PA-31-300/325
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Piper PA-31, PA-31-300/325	190-02011-18	1	
GFC 600 Install Manual Addendum Textron Aviation 90 Series	190-01937-20	5	Textron Aviation (Beech) 90 Series
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Beechcraft King Air 90 Series	190-02011-14	1	
GFC 600 Install Manual Addendum Pilatus PC-12	190-01937-25	8	Pilatus PC-12 and PC-12/45
Removal Document for the GFC600 Installation in the PC-12 Series	005-01009-7J	2	
Wiring Diagram for GFC600 AFCS Install in Pilatus PC-12	005-W0048-00	6	
GFC 600 AFCS Part 23 AML STC Pilatus PC-12 Post-Install Checkout Procedure	190-01937-29	1	
GFC 600 AFCS Part 23 AML STC Pilatus PC-12 Maintenance Manual Supplemental Procedures	190-01937-31	1	
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Pilatus PC-12	190-02011-19	2	
GFC600 Install Manual Addendum, Textron Aviation 441	190-01937-26	4	Textron Aviation Inc. (Cessna) 441

Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in Textron Aviation 441	190-02011-20	1	
GFC 600 Install Manual Addendum Piper PA-46 Series	190-01937-18	10	Piper PA-46-500TP
Airplane Flight Manual Supplement GFC 600 Autopilot Installed in Piper PA46-500TP	190-02011-22	1	
GFC 600 Install Manual Addendum Cessna P210	190-01937-30	3	Textron Aviation Inc. (Cessna) P210N
Airplane Flight Manual Supplement GFC 600 Autopilot Installed in Cessna P210N	190-02011-23	1	
GFC 600 Install Manual Addendum, Cessna 310	190-01937-27	4	Textron Aviation Inc. (Cessna) 310R/T310R
Airplane Flight Manual Supplement GFC 600 Autopilot Installed in Cessna 310R and T310R	190-02011-21	1	
Garmin STC Service Bulletin No. 22107	22107	A	
GFC 600 Install Manual Addendum Textron Aviation 200 Series	190-01937-32	3	Textron Aviation (Beech) 200 Series
Airplane Flight Manual Supplement, GFC 600 Autopilot Installed in King Air 200 Series	190-02011-24	1	
Wire Harness Assembly, GFC 600 King Air 200/B200, Fam Dwg	320-01610-XX	4	
Wire Harness Routing/Instl GFC 600 King Air 200/B200, Cabin	005-01009-EJ	2	
Wire Harness Routing/Instl GFC 600 King Air 200/B200, Tail	005-01009-EK	1	

**** Or Later FAA Approved revision**

The aeronautical product must be listed in the respective FAA Approved Model List (AML) of this STC. The STC SA01844WI, will be entered in the national index of accepted STC. It is important to mention that a copy of the STC and required documents should accompany each installation (**RAC 43, § 43.300 (b)**).

Please bear in mind that this acceptance is issued to the STC and its supporting technical data and does not constitute an approval for the product (or products part of the STC) to be imported, is the responsibility of the installer to comply with the requirements set forth in **RAC 21.1200** for the product (or products) being imported

In addition, please consider that your company is responsible to keep this STC information (The alterations' published documents) updated to guarantee safe operation and support the continued airworthiness of the altered aircraft registered in Colombia.

Any major change of the STC information must be reported and documented to the Colombian Civil Aviation Authority (AEROCIVIL).

The validity of this letter of acceptance expires when the Supplemental Type Certificate approval ceases to exist. If at any point in time, the AEROCVIL finds that there is a reasonable doubt to indicate that the safety of the aeronautical product is compromised because of an unsafe condition developed in the aeronautical product, AEROCIVIL may cancel the letter of STC Acceptance.

Sincerely,



Colonel (AR) Rodrigo R. Zapata R.
Aeronautical Authority Secretary
Colombian Civil Aviation Authority (AEROCIVIL)

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