



Al contestar cite Radicado 2023240040005110 Id: 973836
Folios: 3 Fecha: 2023-03-10 10:59:58
Anexos: 0
Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA
Destinatario: GARMIN

Bogota, March 06, 2023

Paul Mast

Manager, Aircraft Certification
Garmin International
1200 East 151st Street
Olathe, KS 66062.

Subject: Acceptance of Foreign Supplemental Type Certificate (STC)
SA01818WI (issued by FAA).

References:

1. AEROCIVIL reference file No. 2023240040004479 dated March 06, 2023. .
2. FAA file reference No. 7K5-23-0075, Design Approval Application for Validation of FAA STC SA01818WI. Dated February 07, 2023.
3. Garmin file reference No. GL23006_2. Dated January 10, 2023. Request for Colombian Civil Authority (UAEAC) letter of Acceptance for FAA AML STC SA01818WI. (including compliance data package)
4. Colombian Civil Aviation Regulations, RAC 21. § 21.515.
5. FAA Issue Paper S-1: Installation of Garmin G5Electronic Flight Instrument Date July 20/2016
6. FAA Issue Paper S-2: Installation of Garmin G5Electronic Flight Instrument, HIRF and Indirect Effects of Lightning Date July 20/2016

Dear Mr. Peters,

According to your application for the acceptance of the FAA AML Supplemental Type Certificate No. **SA01818WI**, related to the installation of:

AERONÁUTICA CIVIL DE COLOMBIA
Av. El Dorado No. 103-15 – Edificio Central Aerocivil, Bogotá, D, C. Colombia
PBX: (57-1) 4251000 Línea gratuita nacional: 018000112373
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Clave: GDIR-4-2-12-029
Versión: 03
Fecha: 25/11/2020
Página: 1 de 3



"Garmin G5 Electronic Flight Instrument In Part 23 airplanes listed on the Approved Model List."

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. **SA01818WI**, 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 on Colombian registered aeronautical products as required by **RAC43 § 43.300(b)**:

7. Supplemental Type Certificate No. SA01818WI. (Date amended September 28, 2021), or later FAA approved issue or amendment
8. FAA Approved Model List (AML) – STC Number SA01818WI Installation of Garmin G5 Electronics Instrument System, dated December 10, 2020 or later FAA approved revision
9. Master Drawing List, Doc. No. 005-01112-01, Rev. 30 dated 10/05/2022 or later FAA approved revision
10. Garmin G5 Electronic Flight Instrument Part 23 AML STC Installation Manual, Doc. 190-01112-10, Rev. 29 dated 17/12/2021 or later FAA approved revision.
11. Garmin G5, Electronic Flight Instrument, Part 23 AML STC Maintenance Manual Including Instructions for Continued Airworthiness, Doc. 190-01112-11, Rev. 10, dated 29/12/2021 or later FAA approved revision.
12. Airplane flight Manual Supplement or Supplemental Airplane Flight Manual for the Garmin G5 electronics flight Instrument, Doc. 190-01112-13, Rev. 8, dated 29/12/2021 or later FAA approved revision.
13. A letter of authorization of use of the STC signed by the appropriate person in the STC holder organization identifying A/C tail number and S/N.

The aeronautical product must be listed in the respective FAA Approved Model List (AML) of this STC. The STC **SA01818WI**, 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 AEROCIVIL 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)

Copies to: Mr. Paul Nguyen - Manager Wichita ACO Branch - Compliance & Airworthiness Division
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Projected by: Eng. Wilson Chaves – CPA Group

Revised by: Eng. David F. Muñoz - Certification of Aeronautical Products Group Chief