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Remitente: SECRETARIA DE AUTORIDAD AERONAUTICA
Destinatario: Garmin International Inc. - Erik Frisk

Bogota, November 24, 2023

Mr. Kyle Peters
Aircraft Certification Engineer
Garmin International
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(503)-391-3253

Subject: Acceptance of Foreign Supplemental Type Certificate (STC)
SA02121SE (Issued by FAA).

References:

1. Garmin Email dated November 22, 2023, attaching 2 technical documents (#005-00738-15 and #005-00738-36 PDF files) requested by AEROCIVIL and responses to questions with some brief descriptions.
2. AEROCIVIL Email dated November 18, 2023, requesting additional documentation for STC acceptance process and explanation about Garmin procedure.
3. AEROCIVIL reference #2023190010080299 Id: 1142475 dated October 13, 2023. AEROCIVIL acceptance process of STC SA02121SE.
4. FAA letter #767-23-01249 dated October 31, 2023 - Design Approval Application for Validation of FAA STCSA02121SE.
5. Garmin letter #GP23126-2 Request for Colombian Civil Aviation Authority (AEROCIVIL) letter of Acceptance for FAA STC SA02121SE up to MDL Rev. 4, 2023 and Aerocivil 8110-12 Form (DESIGN CERTIFICATIONS / PRODUCTION APPROVAL), dated September 13.
6. Colombian Civil Aviation Regulations, RAC 21. § 21.515.

Dear Mr. Peters,

According to your application for the acceptance of FAA Supplemental Type Certificate No. SA02121SE, related to the installation of:

Installation of Garmin GTS 800 (TAS), GTS 825(TAS) or GTS 855 (TCAS I) Traffic System in Accordance with Master Drawing List , GTS 8XX Part 23 AML STC, 005-00738-01, Rev. 1, dated May 2, 2014, or later FAA Approved revision.

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. **SA02121SE**, for major alteration application on Colombian registered aeronautical products, in accordance with airworthiness limitations and conditions stated in the FAA Supplemental Type Certificate. The aeronautical product must be listed in the respective FAA Approved Model List (AML) of this STC.

The STC **SA02121SE**, will be entered in the national index of accepted STC. It is important to mention that a copy of the STC and the following required documents should accompany each installation (RAC 43, § 43.300 (b)):

1. Master Drawing List GTS 8XX Part 23 AML STC, Doc. No. 005-00738-01 Rev. 4 or later FAA approved revision.
2. FAA Approved Model List (AML) STC Number SA02121SE, 02-Aug-2018, or later FAA approved revision.
3. Equipment List, GTS 8XX Part 23 AML STC, Doc. No. 005-00738-02, Rev 4, or later FAA approved revision.
4. FAA Approved Airplane Flight Manual Supplement AFMS, GTS 8XX Part 23 AML STC, Doc No. 190-01279-02, Rev.2 or later FAA approved revision.
5. GTS 8XX Part 23 AML STC Maintenance Manual with Instructions for Continued Airworthiness, Doc No. 190-01279-01, Rev. 2 or later FAA approved revision.
6. GTS 8XX Part 23 AML STC Installation Manual, Doc No. 190-01279-00, Rev. 6 or later FAA approved revisions.

Note 1: The above documents and all other related internal documents required for each Installation as listed on the respective Master Drawing List as appropriate to the aircraft model and series (Approved Model List (AML)) are required for each installation.

Note 2: Please be informed that the Approved Model List -AML, includes the following models whose TCs have not been validated in Colombia: Aermacchi S.p.A: F.260, F.260B, F.260C, F.260D, F.260E y F.260F. Aero Commander: 100, 100A y 100-180. Alexandria Aircraft: 14-19, 14-19-2, 14-19-3, 14-19-3A, 17-31 y 17-31TC. Alexandria Aircraft: 17-30A, 17-31A y 17-31ATC. American Champion (Bellanca)(Champion): 8GCBC. American Champion (Bellanca)(Champion): 7GCA, 7GCB, 7GCAA, 7GCBA, 7GCBC, 7KC y 7KCAB. Atlantic Coast Seaplanes, LLC: G-21C, G-21D, G-21E y G-21G. Beechcraft: 19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R y C24R. Beechcraft: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A,

E33C, F33, F33A, F33C, G33, J35, K35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC y G36. Beechcraft: D55, D55A, E55A, 56TC, A56TC, 58A, G58, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42A), 95-C55 y 95-C55A. Beechcraft: A35, B35, C35, F35, G35 y 35R. Beechcraft: 45 (YT-34), A45 (T-34A, B-45), D45 (T-34B). Beechcraft: 50 (L-23A), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL-23D), F50, G50, H50 y J50. Beechcraft: 58TC y 58TCA. Beechcraft: 65 (L-23F), A65, A65-8200, 65-A80, 65-A80-8800 y 70. Beechcraft: 65-88, 65-90, 65-A90, 65-A90-1 (JU-21A)(U-21A)(RU-21A)(RU-21D)(U-21G)(RU-21H), 65-A90-2 (RU-21B), 65-A90-3 (RU-21C) y 65-A90-4 (RU-21E)(RU-21H). Beechcraft: 76. Beechcraft: 99, 99A, 99A(FACH), A99, A99A y B99. Beechcraft: 100, A100 (U-21F), A100A y B100. Beechcraft: A100-1 (U-21J), A200 (C-12A), A200 (C-12C), A200C (UC-12B), A200CT (C-12D), A200CT (FWC-12D), A200CT (C-12F), A200CT (RC-12D), A200CT (RC-12G), A200CT (RC-12H), A200CT (RC-12K), A200CT (RC-12P) y A200CT (RC-12Q). Bellanca: 14-13, 14-13-2, 14-13-3 y 14-13-3W. B-N Group LTD: BN-2, BN-2A-2, BN-2A-8, BN-2A-9, BN-2A-20, BN-2A-21, BN-2B-20, BN-2B-26, BN-2T y BN-2T-4R. B-N Group LTD: BN2A MK. III-2 y BN2A MK. III-3. Cessna: 170 y 170A. Cessna: 177, 177A y 177B. Cessna: 190 (LC-126A, B, C) y 195B. Cessna: P210R. Cessna: 310A (USAF U-3A) y 310E (USAF U-3B). Cessna: 320-1 y 335. Cessna: 336. Cessna: M337B (USAF 02A), T337E, T337F, T337H y P337H, T337G, T337H-SP. Cessna: 406. Cessna: 501 y 551. Cessna: 510. Cessna: T-50 (Army AT-17 and UC-78 series y Navy JRC-1). Cessna: F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P y FP172D. Cessna: Cessna FR172E, Cessna FR172F, Cessna FR172G, Cessna FR172H, Cessna FR172J y Cessna FR172K. Cessna: Cessna F177RG. Cessna: Cessna F182P, Cessna F182Q y Cessna FR182. Cessna: F337E, F337F, F337G, F337H, FT337E, FT337F, FT337GP y FT337HP. Cessna: LC40-550FG, LC41-550FG y LC42-550FG. CPAC, Inc.: 112, 112TC, 112B, 112TCA, 114, 114A, 114B y 114TC. Diamond: DA 40 y DA 40F. Diamond: DA 42, DA 42 NG y DA 42 M-NG. Dornier: Do 27 Q-6. Dornier: Do 28 A-1 y Do 28 B-1. Dornier: Do 28 D-1, Dornier 228-100, Dornier 228-101, Dornier 228-200, Dornier 228-201, Dornier 228-202 y Dornier 228-212. EADS-PZL "Warszawa-Okecie": PZL-KOLIBER 150A y PZL-KOLIBER 160A. Extra: EA 400. Found Aircraft Canada, Inc.: FBA-2C, FBA-2C1, FBA-2C2 y FBA-2C3. Found Brothers: FBA Centennial "100". GA8 Airvan (Pty) Ltd: GA8 y GA8-TC320. Grumman: Grumman G-21 y Grumman G-21A. Gulfstream American: G-44, G-44A, SCAN Type 30, G-44 (Army OA-14, Navy J4F-2), G-44A y SCAN Type 30. Helio: H-250, H-295 (USAF U10D), HT-295, H-391(USAF YL-24), H-391B, H-395 (USAF L-28A or U-10B), H-395A, H-700 y H-800. Howard: DGA-15P (Army UC-70; Navy GH-1, GH-2, GH-3, NH-1), DGA-15J (Army UC-70B) y DGA-15W. Interceptor: 200A, 200B, 200C y 200D. Lockheed: 402-2. Lockheed: Lockheed 12-A (Army UC-40, UC-40A, Navy JO-1, JO-2). M7 Aerospace LLC: SA26-T, SA26-AT, SA226-T, SA226-AT, SA226-T(B), SA227-AT, SA227-TT, SA226-TC, SA227-AC (C-26A), SA227-BC (C-26A), SA227-CC y SA227-DC. Maule: Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-180V, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420A, M-7-420AC, MT-7-235, MT-7-260, MT-7-420, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180AC, MX-7-180B, MX-7-180C, MX-7-235, MX-7-420, MXT-7-160, MXT-7-180, MXT-7-180A, M-8-235 y M-9-235. Mitsubishi: MU-2B-10, MU-2B-15, MU-2B-20, MU-2B-26, MU-2B-30 y MU-2B-35. Mitsubishi: MU-2B-25, MU-2B-26, MU-2B-26A, MU-2B-35, MU-2B-36, MU-2B-36A, MU-2B-40 y MU-2B-60. Mooney: M20, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20L, M20M, M20R, M20S y M20TN. Mooney: M22. Navion: Navion (L-17A), Navion A (L-17B), (L-17C), Navion B, Navion D, Navion E, Navion F, Navion G y Navion H. Piaggio: Piaggio P-180. Piaggio: P.136-L, P.136-L1 y P.136-L2. Piaggio: P.166, P.166B, P.166C y P.166 DL3. Pilatus: 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/B-H2, PC-6/B1-H2, PC-6/B2-H2, PC-6/B2-H4 y PC-6/C1-H2. Pilatus: Pilatus PC-12, Pilatus PC-12/45 y Pilatus PC-12/47. Piper: PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135" y PA-20S "135". Piper: PA-22-108, PA-22S-135, PA-22S-150 y PA-22S-160. Piper: PA-23-235 y PA-E23-250. Piper: PA-24-260 y PA-24-400. Piper: PA-28-150, PA-28-160, PA-28S-160, PA-28S-180, PA-28R-201, PA-28RT-201 y PA-28-201T. Piper: PA-40. Piper: PA-31T1, PA-31T2, PA-31T3 y PA-31P-350. Piper: PA-32S-300, PA-32RT-300, PA-32RT-300T, PA-32-301FT y PA-32-301XTC. Piper: PA-46R-350T. Piper: PA-46-500TP. Quest: Kodiak 100. JGS Properties, LLC: 11A y 11E. Reims Aviation S.A: F406. Revo, Inc.: Colonial C-1, Colonial C-2, Lake LA-4, Lake LA-4A, Lake LA-4P, Lake LA-4-200 y Lake Model 250. Short Brothers & Harland Ltd: SC-7 Series 2. SOCATA Morane Saulnier: Rallye 100S, Rallye 150ST, Rallye 150T, Rallye 235E y Rallye 235C. SOCATA: TB 9, TB 10, TB 20, TB 21, TB 200. SOCATA: TBM 700 (TBM850). SOCATA: GA-7 (Cougar). STOL: UC-1. TKEF: Model 44 (Angel). True Flight Holdings LLC: AA-5, AA-5A, AA-5B y AG-5B. Twin Commander: 500, 500-A, 500-B, 500-U, 520, 560, 560-A y 560-E. Twin Commander: 560-F, 680, 680F y 680FL. Twin Commander: 680FL(P), 680T, 680V, 680W, 681, 685, 690 y 690A. Twin Commander: 700. Univair: 108, 108-1, 108-2, 108-3 y 108-5. Viking Air Limited: DHC-2 Mk. I (L-20A, YL-20, U-6A), DHC-2 Mk. II y DHC-2 Mk. III. Viking Air Limited: DHC-2 Mk. I (L-20A, YL-20, U-6A), DHC-2 Mk. II y DHC-2 Mk. III. Viking Air Limited: DHC-6-100 y DHC-6-200. Vulcanair

S.p.A.: P68, P68B, P68C, P68C-TC, P68 "Observer", P68 "Observer 2", P68 TC "Observer", AP68TP-300 "Spartacus" y AP68TP-600 "Viator". WACO: YMF. WSK "PZL-MIELEC" OBR: PZL M20 03. Zlin: Z-143L.

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 of 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,



Col. (R) Rodrigo R. Zapata R.
Secretary of Aeronautical Authority
Colombian Civil Aviation Authority (AEROCIVIL)

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