

DepartmentofTransportation - FederalAviationAdministration

Supplemental Type Certificate

Number SA02121SE

This certificate, issued to

**Garmin International, Inc.
1200 East 151st Street
Olathe, KS 66062**

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number:

* See attached Federal Aviation Administration (FAA)

Make:

Approved Model List (AML) **SA02121SE** for approved

Model:

aircraft models and applicable airworthiness regulations

Description of the Type Design Change: Installation of Garmin GTS 825 (TAS) or GTS 855 (TCAS I) Traffic System in accordance with Master Drawing List, GTS 8X5 Part 23 AML STC, 005-00738-01, Rev 1, dated May 2, 2014, or later FAA-approved revision. Instructions for Continued Airworthiness (ICA) are provided in the Maintenance Manual 190-01279-01, Rev 1, dated May 1, 2014, or later FAA-approved revision. Limitations and operating procedures are provided in Airplane Flight Manual Supplement (AFMS), 190-01279-02, Rev 1, dated May 2, 2014.

Limitations and Conditions:

- 1) Approval of this change in type design applies to the airplanes listed on AML SA02121SE only.
- 2) This approval should not be extended to other airplanes of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane.
- 3) A copy of this certificate, AML SA02121SE, and applicable AFMS and ICA, as identified by Master Drawing List 005-00738-01 Rev 1, dated May 2, 2014, or later FAA-approved revision, must be maintained as part of the permanent records for the modified aircraft.

(See Continuation Sheet - page 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: April 20, 2012

Date reissued:

Date of issuance: May 2, 2014

Date amended:



By direction of the Administrator

(Signature)

ODA STC Unit Administrator, ODA-240087-CE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to them.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of Transferee)*

(Address of Transferee)

(Number and Street)

(City, State, and ZIP Code)

from *(Name of Grantor) (Print or Type)*

(Address of Grantor)

(Number and Street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of Grantor *(In Ink)*:

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA02121SE

Garmin International, Inc.

Issued: Date May 2, 2014

Reissued: Date

Amended: Date

Limitations and Conditions (continued):

- 4) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this change is as follows:

- a. The certification basis for parts **not changed** or **not affected** by this modification remains unchanged.
 b. The certification basis for parts **changed** or **affected** by this modification is:

Applicable regulations at the latest amendment through amendment 23-62

Section	Amdt	Section	Amdt
23.251 All	23-62	23.1306 All	23-61
23.301(a)	23-48	23.1308(a)(b)(c)	23-57
23.303 All	No Amdt	23.1309 All	23-62
23.305 All	23-45	23.1310 All	23-62
23.307(a)	No Amdt	23.1331(b)(1)	23-62
23.337 All	23-48	23.1351(a)	23-49
23.561(b)(3)(e)	23-62	23.1353(h)	23-49
23.601 All	No Amdt	23.1357(a)(b)(c)	23-43
23.603 All	23-23	23.1359(c)	23-49
23.605(a)	23-23	23.1365(a)(b)(d)(e)	23-49
23.607(a)(b)	23-48	23.1367 All	No Amdt
23.609 All	No Amdt	23.1431(a)(b)(e)	23-62
23.611 All	23-48	23.1501 All	23-21
23.613(a)(b)(d)	23-45	23.1523 All	23-34
23.771(a)	23-14	23.1529 All	23-26
23.777(a)(b)	23-62	23.1581(a)(b)(f)	23-50
23.867 All	23-49	23.1583(m)	23-62
23.1301 All	23-62	23.1585(j)	23-62

- END -

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