

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01714WI

*This certificate issued to*

Garmin International, Inc.  
1200 East 151<sup>st</sup> 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 Approved Model List (AML) No.

*Make:*

SA01714WI dated May 1, 2013 or later FAA-

*Model:*

approved revision for list of approved aircraft models and applicable airworthiness regulations.

*Description of Type Design Change:*

Installation of a Garmin transponders: (a) GTX 330/330D/33/33D with ADS-B Out functionality; (b) GTX 335/335R/345/345R with ADS-B Out and In functionality; or (c) GTX 335R/345R with ADS-B Out functionality in select airplanes installed with G950/G1000 systems.

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-00734-04, Revision 1, dated May 1, 2013 or later FAA-approved revision.
- (2) Garmin Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual (AFMS), 190-00734-15, Revision 1, dated May 1, 2013 or later FAA-approved revision.

*Limitations and Conditions:*

- (1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (2) Aircraft installations involving the Garmin transponder GTX 33/33D/330/330D models require the previous installation of an approved ADS-B position source. Refer to the design data specified in the Master Drawing List (MDL) listed above for specific hardware and software requirements.
- (3) Aircraft installations involving the Garmin transponder GTX 335/335R/345/345R models without an optional internal GPS require the previous installation of an approved ADS-B position source. Refer to the design data specified in the Master Drawing List (MDL) listed above for specific hardware and software requirements.

*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:* August 7, 2012

*Date reissued:*

*Date of issuance:* May 1, 2013

*Date amended:* April 29, 2014, March 8, 2016



*By direction of the Administrator*

(Signature)

Michael Warren  
ODA STC Unit Administrator  
ODA-240087-CE  
Garmin International, Inc.

(Title)

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

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 him.

Transfer the ownership of Supplement Type Certificate Number \_\_\_\_\_

To *(Name 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 *(To Ink)*: \_\_\_\_\_

United States of America  
 Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**  
 (Continuation Sheet)

*Number* SA01714WI

*Date of issuance:* May 1, 2013

*Date Amended:* April 29, 2014, March 8, 2016

*Limitations and Conditions (continued):*

- (4) Aircraft with G950 or G1000 display systems are limited to Garmin transponder GTX 335R/345R models; see Table II of the attached AML. Refer to the design data specified in the Master Drawing List (MDL) listed above for specific hardware and software requirements.
- (5) Aircraft modified by this STC must be operated in accordance with the Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual (AFMS) identified above.
- (6) Aircraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) listed in the Master Drawing List (MDL) identified above.
- (7) 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.

**\*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 change is shown on the attached AML.
- b. The certification basis for parts **changed** or **affected** by this change is:

<u>Section</u>	<u>Amdt</u>	<u>Section</u>	<u>Amdt</u>	<u>Section</u>	<u>Amdt</u>
23.301 a	23-48	23.773 a(2)	23-45	23.1357 a, b, c, d	23-43
23.303	Original	23.777 a, b	23-62	23.1359 c	23-49
23.305	23-45	23.853 a	23-62	23.1365 a, b, d, e	23-49
23.307 a	Original	23.863 a, b	23-34	23.1367 a, b, c, d	Original
23.337	23-48	23.1301 a, b, c	23-62	23.1431 a, b	23-62
23.561 b(3), e	23-62	23.1306 a, b	23-61	23.1501 a, b	23-21
23.601	Original	23.1307	23-49	23.1525	23-45
23.603	23-23	23.1308 a, b, c	23-57	23.1529	23-26
23.605 a	23-23	23.1309 a(1)(2),b, c, d	23-62	23.1555 a, b, e(2)	23-62
23.607 a, b	23-48	23.1310	23-62	23.1581 a, b, c, f	23-50
23.611	23-48	23.1311 a(2)	23-62	23.1583 h, m	23-62
23.613 a, b	23-45	23.1322 b, d, e	23-43	23.1585 j	23-62
23.627	Original	23.1351 a	23-49	-----	----
23.771 a	23-14	23.1353 h	23-62	-----	----

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