

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

Number SA01714WI

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 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 GTX 330/330D/33/33D with ADS-B Out functionality.

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 330/330D models require the previous installation of a Garmin GTN 6XX/7XX or GNS 4XX/5XX Series Navigator for ADS-B position source information. 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 33/33D models require the previous installation of at least one Garmin GTN 6XX/7XX Series Navigator for transponder control/display purposes and ADS-B position source information. 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:



By direction of the Administrator

Original signed by Robert Murray

(Signature)

Robert G. Murray
ODA STC Unit Administrator
ODA-240087-CE
Garmin International, Inc.

(Title)

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:

Limitations and Conditions (continued):

- (4) Aircraft modified by this STC must be operated in accordance with the Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual (AFMS) identified above.
- (5) 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.
- (6) 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	23.1351 a	23-49
23.303	Original	23.777 a,b	23-62	23.1353 h	23-49
23.305	23-45	23.853 a	23-62	23.1357 a,b,c,d	23-43
23.307 a	Original	23.863 a,b	23-34	23.1359 c	23-49
23.561 b(3), e	23-62	23.1301 a,b,c	23-62	23.1365 a,b,d,e	23-49
23.601	Original	23.1306 b	23-61	23.1431 a,b	23-62
23.603	23-23	23.1307	23-49	23.1501 a,b	23-21
23.607 b	23-48	23.1308 b,c	23-57	23.1525	23-45
23.611	23-48	23.1309 a(1)(2),b,c,d	23-62	23.1529	23-26
23.613 a,b	23-45	23.1310	23-62	23.1555 a,b	23-62
23.627	Original	23.1311 a(2)	23-62	23.1581 a,b,c,f	23-50
23.771 a	23-14	23.1322 d,e	23-43	23.1583 m	23-62
				23.1585 j	23-62

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