

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
Number SA01229SE

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) SA01229SE for approved
Model: aircraft models and applicable airworthiness regulations.

Description of Type Design Change: Installation of GNS 480 (CNX80) GPS WAAS Navigator with integrated VHF Navigation and Communication radios in accordance with Garmin Supplemental Type Certificate Master Drawing List, P/N 560-0987-01, Revision B, dated September 15, 2004, or later FAA Approved revision

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. FAA approved Airplane Flight Manual Supplement (AFMS), P/N 560-0985-01, Revision A, dated September 15, 2004, or later FAA approved revision, is a required part of this modification. For instructions, refer to GNS 480 (CNX80) Installation Manual, P/N 560-0982-01, Revision A, or later FAA approved revision. Installation of antennas penetrating an aircraft pressure vessel are not supported by this STC. This modification may require additional data and/or approval. This STC references interfacing equipment, and the specified interfaces are approved via this data. However, the interfaced equipment may need further approval for installation in the aircraft, and this approval is beyond the scope of this STC. A copy of this STC dated September 23, 2004, AML dated December 1, 2003, and AFMS, dated September 15, 2004, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.

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.

(See Continuation Sheet on 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: July 10, 2002
Date of issuance: June 25, 2003

Date reissued: December 1, 2003, April 10, 2015
Date amended: September 23, 2004



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.

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 him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplement 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*): _____

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

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

Number **SA01229SE**

Issued: June 25, 2003
Reissued: December 1, 2003, April 10, 2015
Amended: September 23, 2004

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:

Applicable regulations reflect current amendment at the time of STC application (through Amdt 23-55).

Regulation	Amdt	Regulation	Amdt
23.771 (a)	23-14	23.1367 all	orig
23.773 (a)(2)	23-45	23.1381 (a)(b)(c)	orig
23.777 (a)(b)	23-51	23.1431 (a)(b)(d)(e)	23-49
23.1301 all	23-20	23.1501 (a)(b)	23-21
23.1309 (a)(b)(c)(d)(e)	23-49	23.1523 all	23-34
23.1311 (a)(1-4)(6)(7)	23-49	23.1525 all	23-45
23.1321 (a)(c)(e)	23-49	23.1529 all	23-26
23.1322 (b)(c)(d)(e)(h)	23-43	23.1541 (a)(2)(b)	23-21
23.1329 (h)	23-49	23.1543 all	23-50
23.1331 (a)(b)(1)	23-43	23.1559 (c)	23-50
23.1351 (a)	23-49	23.1581 (a)(b)(c)(d)(e)(f)	23-50
23.1357 all	23-43	23.1583 (h)(m)	23-50
23.1359 (c)	23-49	23.1585 (j)	23-50
23.1365 (a)(b)(d)(e)	23-49		

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