

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

Number SA02153LA-D

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) SA02153LA-D for approved
Model: aircraft models and applicable airworthiness regulations.

Description of Type Design Change:

Installation of Garmin G600 Primary Flight Display (PFD) and Multifunction Display (MFD) System in accordance with Master Drawing List, G600 PFD/MFD System AML STC, 005-C0313-00, Revision G, dated February 01, 2011, or later FAA approved revision; Airplane Flight Manual Supplement, G600 PFD/MFD System AML STC, 190-00601-01, Revision E dated January 28, 2011, or later FAA approved revision; and G600 PFD/MFD System Instructions for Continued Airworthiness, 190-00601-00, Revision F dated December 16, 2010, or later FAA approved revision.

Installation of Garmin G500 Primary Flight Display (PFD) and Multifunction Display (MFD) System in accordance with Master Drawing List, G500 PFD/MFD System AML STC, 005-C0313-10, Revision 1, dated April 01, 2015, or later FAA approved revision; Airplane Flight Manual Supplement, G500/G600 PFD/MFD System AML STC, 190-00601-01, Revision K dated April 01, 2015, or later FAA approved revision; and G500/G600 PFD/MFD System Instructions for Continued Airworthiness, 190-00601-00, Revision L dated April 01, 2015, or later FAA approved revision.

Required data for TBM 700/850 RVSM group airworthiness approval are: the G600 data listed above; plus, Airplane Flight Manual Supplement TBM 700/850 G600 RVSM, 190-00601-34, Revision 2 dated December 13, 2013, or later approved revision.

(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: January 31, 2006
Date of issuance: July 25, 2008

Date reissued: September 15, 2009
Date amended: February 02, 2011, October 26, 2012,
December 16, 2013, April 01, 2015



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*): _____

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Supplemental Type Certificate
 (Continuation Sheet)

Number **SA02153LA-D**

Issued: July 25, 2008
Reissued: September 15, 2009
Amended: February 02, 2011, October 26, 2012, December 16, 2013, April 01, 2015

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.
3. 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.
4. Aircraft equipped with Garmin G1000/G950 Integrated Cockpit System are not eligible for this STC.
5. Aircraft equipped with Rockwell Collins ProLine 21 Integrated Avionics System are not eligible for this STC.

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:

Regulations at the latest amendment: No Amdt through 23-61

Section	Amdt	Section	Amdt
23.301(a)(b)(c)	23-48	23.1325(b)(1)(2)	23-50
23.303	No Amdt	23.1327(a)	23-20
23.305	23-45	23.1329(h)	23-49
23.307(a)	No Amdt	23.1331(a)(b)(1)	23-43
23.337	23-48	23.1335	23-20
23.561(a)(b)(3)	23-48	23.1351(a)(1)(2)(i)	23-49
23.603	23-23	23.1353(h)	23-49
23.605(a)	23-23	23.1357(a)(b)(d)	23-43
23.607(a)(b)	23-48	23.1359(c)	23-49
23.609	No Amdt	23.1365(a)(b)(d)(e)	23-49
23.611	23-48	23.1367	No Amdt
23.613(a)(b)	23-45	23.1381(a)(b)	No Amdt
23.771(a)	23-14	23.1431(a)(b)	23-49
23.773(a)(2)	23-45	23.1501	23-21
23.777(a)(b)	23-51	23.1523	23-34
23.867	23-49	23.1525	23-45
23.1301	23-20	23.1529	23-26
23.1303(a)(b)(c)(d)(e)(f)	23-49	23.1541(a)(b)	23-21
23.1306	23-61	23.1543(b)(c)	23-50
23.1307	23-49	23.1545(a)(b)(c)(d)	23-50
23.1308(a)(b)(c)	23-57	23.1555(a)(b)(e)(2)	23-50
23.1309(a)(1)(2)(3)(b)(c)(d)(e)	23-49	23.1559(c)	23-50
23.1311	23-49	23.1581(a)(b)(c)(f)	23-50
23.1321(a)(c)(d)(e)	23-49	23.1583(h)(m)	23-50
23.1322	23-43	23.1585(j)	23-50
23.1323(a)	23-49		

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(Continuation Sheet)

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