

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

Number SA01480WI-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: A47CE
Make: Diamond
Model: DA 40, DA 40F

Description of Type Design Change:

Synthetic Vision and Pathways Upgrade to the G1000 Integrated Avionics System.

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-00442-02, Revision 1, Dated April 4, 2008 or later FAA-approved revision.
- (2) AFMS, Garmin G1000 Synthetic Vision & Pathways Option, 190-00492-15, Revision 1, Dated April 4, 2008 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) The modified aircraft must be operated in accordance with the Airplane Flight Manual Supplement (AFMS) identified above.
- (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) Installation of STC SA01444WI-D is a prior or concurrent requirement for this STC. See MDL for eligible configurations.
- (5) Aircraft modified by this STC shall be maintained in accordance with the Instructions for Continued Airworthiness identified by the MDL.

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: March 22, 2007

Date reissued:

Date of issuance: April 4, 2008

Date amended:



By direction of the Administrator

Robert Murray
(Signature)

Robert Murray
Lead DAS Administrator
DAS-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 *(In Ink)*: _____

United States of America
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Supplemental Type Certificate

(Continuation Sheet)

Number SA01480WI-D

Date of Issuance: April 4, 2008

***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 TCDS listed on Page 1 of this Certificate.
- b. The certification basis for parts changed or affected by this change since the date of application is determined to be:

Regulations at the latest amendment

Section	Amdt.
23.771(a)	23-14
23.777(a)(b)	23-51
23.1301	23-20
23.1309(a)(b)(e)	23-49
23.1311(a)(b)	23-49
23.1321(a)(d)	23-49
23.1322(e)	23-43
23.1431(a)	23-49
23.1525	23-45
23.1529	23-26
23.1541(a)	23-21
23.1543(b)	23-50
23.1555(a)(b)	23-50
23.1581(a)(b)(2)(c)(d)(f)	23-50
23.1583(h)(m)	23-50
23.1585(j)	23-50
23-139-SC	Orig.

Regulations at an intermediate amendment

none

Regulations at the amendment level shown on TCDS

none

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