

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA00243BO

This Certificate issued to Icarus Avionics, LLC
300 Red Brook Boulevard, Suite 200
Owing Mills, Maryland 21117

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number : See attached FAA Approved Model List (AML), Document No. PN 0025-0131, Rev A, or later FAA approved revisions for the
Make : list of approved airplane models, applicable installation data
Model : requirements, and specific limitations.

Description of Type Design Change:

Installation of Centurion Consulting, Inc. GPS Steering Assist Module (SAM) with roll steering (p/n 0025-5100), or without roll steering (p/n 0025-5200), in accordance with Centurion Consulting, Inc. Master Data List, Document No. PN 0025-0102 Rev C, dated October 12, 2006, or later FAA-approved revisions.

Limitations and Conditions:

1. Operation must be in accordance with Centurion Consulting Inc. Aircraft Flight Manual Supplement (AFMS), Document 0025-0105, Revision B, dated October 23, 2006, or later FAA approved revisions.
The AFMS must be carried in the aircraft during all flights.
2. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA), Centurion Consulting, Inc. Document No. PN 025-1006 Rev A, dated September 21, 2006, or later FAA accepted revisions.
The ICA must be made available to the operator at the time of installation.

(Limitations and Conditions continued on Page 3 of 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 : March 03, 2005

Date reissued :

Date of issuance : October 23, 2006

Date amended : July 21, 2011



By direction of the Administrator

(Signature)

Robert G. Mann
Manager
Boston Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA00243BO

July 21, 2011

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the 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 Supplemental 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 & street*)

(*City, State, and ZIP code*)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (*In ink*): _____

Supplemental Type Certificate

(Continuation Sheet)

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Limitations and Conditions: (continued from Page 1 of 3)

3. The SAM integrates with separately approved system installations. Adherence to the limitations in the appropriate Aircraft Flight Manual Supplements for those systems is mandatory.
4. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

Based on 14 CFR §§21.115 and 21.101, and the FAA Policy for changes that are not significant in FAA Order 8110.48, the certification basis for the installation of a GPS Steering Assist Module in the aircraft models on the Approved Model List is as follows:

1. The type certification basis shown in TC Data Sheet for parts not changed or not affected by this modification.
2. The certification basis for parts changed or affected by the change since the reference date of application; March 03, 2005; is based on 14 CFR Part 23 as amended by amendment 29-55. Based on Order 8110.48, the certification basis for this modification was determined to be:

23.301, 23.303, 23.305, 23.307(a), 23.337(a)(1)(b)(1)(2), 23.341(a), 23.561(a)(b), 23.601, 23.603, 23.605, 23.607, 23.611, 23.613, 23.771(a), 23.777(a)(b), 23.867(b), 23.1301, 23.1309(a)(1)(2)(3)(b)(e), 23.1322, 23.1331, 23.1351(a)(1)(2)(i), 23.1357(a)(2)(b)(c)(1), 23.1359(c), 23.1365, 23.1367(a)(c)(d), 23.1381, 23.1431(a)(b), 23.1501, 23.1529, 23.1541(a)(b), 23.1555(a), 23.1581(a)(b)(f), 23.1583(m), 23.1585(j).

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.

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