

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

Number SA01456WI-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: 3A20
Make: Hawker Beechcraft
Model: C90A, C90GT, C90GTi

Description of Type Design Change:

Installation of the Garmin G1000 Integrated Avionics System and GFC 700 Automatic Flight Control System.

Required Data for Model C90A and Model C90GT:

- (1) Garmin Master Drawing List (MDL) 005-00375-30, Revision 2, dated 11/8/2007
 - (2) Garmin Airplane Flight Manual Supplement (AFMS) 190-00682-02, Revision A, dated 11/8/2007
- Later FAA-approved revisions to the data listed above are incorporated without further revision to this Supplemental Type Certificate.

Required Data for Model C90GTi:

- (1) Garmin Master Drawing List (MDL) 005-00375-30, Revision 6, dated 11/2/2012
 - (2) Garmin Airplane Flight Manual Supplement (AFMS) 190-00682-02, Revision E, dated 11/2/2012
- Later FAA-approved revisions to the data listed above are incorporated without further revision to this Supplemental Type Certificate.

Limitations and Conditions:

- (1) Eligible aircraft are s/n LJ-1063 and after. Additional aircraft configuration requirements are defined in the data shown on the Garmin Master Drawing List (MDL) 005-00375-30.
- (2) Except as listed below, compatibility of this design change with previously approved modifications must be determined by the installer.

(cont'd 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: June 2, 2006

Date reissued:

Date of issuance: November 8, 2007

Date amended: March 13, 2008; May 18, 2010; November 2, 2012

By direction of the Administrator

Original signed by Robert Murray

(Signature)

Robert 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 *(In Ink)*: _____

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

Number SA01456WI-D

Date of Issuance: November 8, 2007
 Date Amended: March 13, 2008; May 18, 2010; November 2, 2012

Limitations and Conditions (cont'd):

- (3) This STC has been shown to be compatible with Blackhawk Modifications, Inc. STC SA10341SC and SA10364SC (engine/propeller installation), Raisbeck Engineering STC SA3593NM (propeller installation), CenTex Aerospace, Inc. STC SA10339SC, Blackhawk Modifications, Inc. STC SA01946LA (engine torque transducer conversions), Silverhawk Conversion STC SA10741SC (engine/propeller installation), and Hawker Beechcraft STC SA10747SC (increased gross weight).
- (4) 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.

***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 TCDS 3A20
- 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>
23.1	23-34	23.689 a,b,c,d,e	23-7	23.1351 a,b(3),g	23-49
23.143	23-50	23.771 a	23-14	23.1353 h	23-49
23.301 a	23-48	23.773 a(2)	23-45	23.1357 a,b,c,d	23-43
23.303	Original	23.777 a,b	23-51	23.1359	23-49
23.305	23-45	23.779 a	23-51	23.1365 a,b,c,d,e	23-49
23.307 a	Original	23.853 a	23-49	23.1367	Original
23.337	23-48	23.863	23-34	23.1381 a,b,c	Original
23.365 d	Original	23.867 a,b,c	23-49	23.1419 a,c	23-43
23.395 a(1)	23-7	23.901 e	23-53	23.1431 a,b,e	23-49
23.397	23-45	23.1182	23-14	23.1457 a,c	23-35
23.561 e	23-34	23.1301	23-20	23.1501	23-21
23.601	Original	23.1303 a,b,c,d,f	23-49	23.1521 a,b,c	23-50
23.603	23-23	23.1305 a(2)(3),c(1)(2)(5),e(1)	23-52	23.1523	23-34
23.605 a	23-23	23.1307	23-49	23.1525	23-45
23.607 b,c	23-48	23.1309 a(1)(3),b,c,d,e,f	23-49	23.1529	23-26
23.609	Original	23.1311 a,b,c	23-49	23.1541 a,b	23-21
23.611	23-48	23.1321 a,b,c,d,e	23-49	23.1543 b,c	23-50
23.613 a,b,c	23-45	23.1322 a,b,c,d,e	23-43	23.1545 a,b,c,d	23-50
23.625 a	23-7	23.1323 a,b,c	23-49	23.1549	23-45
23.627	Original	23.1325 a,b,e	23-50	23.1555 a,b,e(2)	23-50
23.671 a,b	Original	23.1327	23-20	23.1581 a,b,c,d,f	23-50
23.677 a,d	23-49	23.1329 a,b,c,d,e,f,g,h	23-49	23.1583 h,m,n	23-50
23.681 a	Original	23.1331 a,b	23-43	23.1585 a(1),c(2),j	23-50
23.683	23-7	23.1335	23-20	23-200-SC	N/A
23.685 a,c,d	23-17				

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