

Supplemental Type Certificate

Number SA00257BO

This certificate issued to A/C Systems LLC
138 Sherron Drive
Dickson, TN 37055

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 : 3A15

Make : Hawker Beechcraft

Model :

>Model F33A Serial Nos. CE-748, CE-772 and after;
>A36, serial numbers E-1111, E-1241 through E-3635,
except E-3630;
>Model G36.

Description of Type Design Change:

Installation of air conditioning system in accordance with A/C Systems Master Drawing List FTA-000-1, revision C, dated June 7, 2007, or later FAA-approved revisions.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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. FAA Approved Airplane Flight Manual Supplement, Document Number FTA-010-2, revision 1, dated April 25, 2012 is a required part of this STC, or later FAA approved revisions.

(see continuation sheet 2 of 2)

This certificate and the supporting data which is the

Date of application : April 1, 2007

Date reissued :

Date of issuance : July 20, 2007

Date amended : April 30, 2012

basis for approval shall remain in effect until



*surrendered,
suspended,
revoked or a
termination date
is otherwise
established by the
Administrator*

By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager

Atlanta Aircraft Certification Office

of the Federal Aviation Administration.

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

Page 2 of 2

Number ST00257BO

Instructions for Continued Airworthiness (ICA), A/C Systems FTA-010-3, issue number two, dated June 6, 2007, or later FAA-approved revision must be made available to the operator at the time of installation.

Certification Basis:

The Certification Basis for this installation is per Type Certificate Data Sheet 3A15 original Certification Basis per the amendment levels listed below for specific models.

- Certification Basis for the Model G36

Part 3 of the Civil Air Regulations as amended to May 15, 1956, and Amendment 3-8.
Part 36 through Amendment 36-10 of the Federal Aviation Regulations.
Equivalent Safety Findings: CAR 3.663, CAR 3.757, and CAR 3.387
Additional requirements for Garmin G1000 avionics installation:
§ 23.303, § 23.307 (a), § 23.601, § 23.607, § 23.609, § 23.619, § 23.625, § 23.1367 All subparagraphs, § 23.1381 All subparagraphs at original issue:
§ 23.395 (a)(1), § 23.689 All subparagraphs through Amendment, 23-7:
§ 23.771 (a) through Amendment 23-14;
§ 23.685(a) through Amendment 23-17;
§ 23.1301 All subparagraphs, § 23.1327 All subparagraphs, § 23.1335 All subparagraphs through Amendment 23-20:
§ 23.1501, § 23.1541 (a) (b) through Amendment, 23-21:
§ 23.603 All subparagraphs, § 23.605 (a) through Amendment 23-23:
§ 23.1529 through Amendment 23-26;
§ 23.1523 All subparagraphs through Amendment 23-34:
§ 23.1322 All subparagraphs, § 23.1331 All subparagraphs, § 23.1357 (a) (b) (c) (d) through Amendment 23-43:
§ 23.305 (a)(b), § 23.397 All subparagraphs, § 23.613 (a)(b)(c)(d), § 23.773 (a)(2).
§ 23.1525, § 23.1549 (a) (b) (c) through Amendment 23-45:
§ 23.301 (a) (b) (c), § 23.561 (a) (b)(3), § 23.611 All subparagraphs through Amendment 23-48:
§ 23.1303 (a) (b) (c) (f), § 23.1307, § 23.1309 (a)(1)(2) (b)(c)(1)(2)(iii)(3) (d) § 23.1311 All subparagraphs, § 23.1321 (a) (c) (d) (e), § 23.1323 (a)(c), § 23.1329 All subparagraphs, § 23.1351 (a)(1)(2)(i)(b)(1)(2)(3) (c)(4) (d)(1) (g), § 23.1353 (a) (d) (e) (h), § 23.1359(c), § 23.1365 (a) (b) (c) (d) (e), § 23.1431(a)(b)(e) through Amendment 23-49:
§ 23.143 All subparagraphs, § 23.1325 (b)(1)(i)(ii)(iii) (2)(i), § 23.1543 (b) (c), § 23.1545 (a) (b)(1)(2)(3)(4), § 23.1553, § 23.1555 (a) (b) (c)(2), § 23.1563 (a) (b), § 23.1581 (a) (b)(2)(3) (c) (f), § 23.1583 (h) (m) (n), § 23.1585 (j) through Amendment 23-50:
§ 23.777 (a) (b), § 23.1337(b)(1) through Amendment 23-51:
§ 23.1305 (a)(1)(2)(3) (b)(2)(3)(i)(4)(i) (5) through Amendment 23-52,

-----END-----

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