

AERO

RESTORATIONS, INC.

4660 Jimmy Doolittle Dr.
Addison Airport
Addison, Texas 75001
CRS #XR0R795Y

Aircraft Weight and Balance / Equipment List Amendment Sheet

Aircraft Registration: N348P

Aircraft Serial #: E-3760

Aircraft Make & Model: Raytheon Aircraft G-36

Aircraft Time: 124.1

Removed Equipment:			
Nomenclature	Weight (lbs)	Arm (inches)	Moment (inch/lbs)
Wing tips	-9.8	89.1	-873.18
Landing light	-1	-1	1
Sunvisors (2 ea)	0	0	0
Engine Baffling	0	0	0
Total Removed Weight	-10.8	88.1	-951.48
Installed Equipment			
Nomenclature	Weight (lbs)	Arm (inches)	Moment (inch/lbs)
D'Shannon tip tanks	44.5	89.1	3964.95
Aileron weights	4	131	524
Aileron and flap gap seals	3.5	120	420
Rosen sun visors	0	0	0
D'Shannon cooling kit	0	0	0
JVE vortex generators	0	0	0
G&D tinted windo inserts Row 2	4.8	100	480
G&D tinted windo inserts Row 3	3	137	411
G&D tinted windo inserts Row 4	2.8	150	420
Lo Presti Boom Beam	1.25	-1	-1.25
Max weight was increased IAW			0
Genesis 4010 lb gross weight increase			0
			0
Total Added Weight	63.85	726.1	6218.7
Previous Aircraft Empty Weight: 2608.78			
Previous Aircraft Useful Load: 1041.22			
Previous Aircraft Moment: 206538.75			
Previous Aircraft CG: 79.17			
Aircraft's New Empty Weight (lbs): 2661.83			
Aircraft's New Useful Load (lbs): 1348.17			
Aircraft's New Moment (in/lbs): 211805.97			
Aircraft's New CG (inches): 79.57156167			

Weight & Balance Data Computed and Approved by:

Computed using W&B data dated: 9/15/2008

Aero Restorations, Inc.

CRS #XR0R795Y

Work Order: 008-2971

Date: 11/21/2008



US Department
of Transportation

Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make RAYTHEON AIRCRAFT COMPANY	Model G 36
	Serial No. E-3760	Nationality and Registration Mark N760EB
2. Owner	Name (As shown on registration certificate) EXECUTIVE BEECHCRAFT INC	Address (As shown on registration certificate) 10 RICHARDS RD KANSAS CITY, MO 64116

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Stevens Aviation, Inc. 11905 Corporate Way. Broomfield, Colorado 80021	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. VIB6368K Airframe Class 3 Limited Airframe Limited Powerplant Radio Class 1 2 & 3
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date May 4, 2007	Signature of Authorized Individual Gerald R. Davidson <i>Gerald R. Davidson</i>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED				
BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection May 4, 2007		Certificate or Designation No. CRS VIB6368K	Signature of Authorized Individual Gerald R. Davidson <i>Gerald R. Davidson</i>	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)

RAYTHEON

G36

S/N E-3760

N760EB

5-4-07

Installed L-3 Communications Avionics Systems Sky Watch Model SKY 497 Traffic Advisory System (TAS) consisting of the following equipment:

TRC497 Transmitter Receiver Computer P/N- 805-10800-001, at sta. 220.0
NY-164 Directional Antenna P/N- 805-10890-001 at sta. 106.2

Sky Watch information to be displayed onto existing Garmin 1000 MFD.

Reference SKY497 Sky Watch Pilots Guide P/N- 009-10801-001 Rev E dated 7-19-04 or later for operation details.

Reference STC SA00733CH as basis for follow-on field approvals.

The SKY497 TAS is installed using MIL-W-22759/16 and MIL-C-27500 wire in gauges that meets or exceeds manufacturers installation manual. Installed ECS cable set P/N- 980HNC-503-192 for the antenna. The SKY497 TAS system is connected to the 28 VDC Avionics Bus using a 5 amp circuit breaker p/n 7274-2-5 labeled TAS.

The SKY497 TAS is installed IAW L-3 Communications Systems SKY497 Installation Manual P/N- 009-10800-001 Rev.F dated December 7, 2006. AC43.13-1B chapt 11 sec 1, 3-17, AC43.13-2A chapt. 1 para. 4-11, chapt. 2 Para. 21-27.

Instructions for Continued Airworthiness: "On condition" Reference L-3 Communications Systems SKY497 SkyWatch Installation Manual P/N- 009-10800-001 Rev.F dated December 7, 2006, Chapter 4 para 4.2 if maintenance is needed. Interfacing of system with wiring, circuit breaker etc. falls under Beechcraft inspection manual and FAR 43.

Total continuous electrical load found not to exceed generator load limitations IAW A.C. 43.13-1B Chapt. 11 sect 3 para. 11-36.

See original factory FAA approved flight manual section "systems description" for system description and operation.

Amended aircraft equipment list and weight & balance.

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U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000.00 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make RAYTHEON AIRCRAFT	Model G-36
	Serial No. E-3760	Nationality and Registration Mark USA N348P
2. Owner	Name (As shown on registration certificate) H&H Aviation LLC	Address (As shown on registration certificate) 3511 Silverside Rd. Suite 105 Wilmington, DE 19810

3. For FAA Use Only

The data identified herein complied with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.

11/21/2008 Mike J. Fischer
Date FAA Inspector, DAL-FSDO

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Aero Restorations, Inc. 4660 Jimmy Doolittle Dr. Addison, TX 75001	<input type="checkbox"/> U.S. Certificated Mechanic	CRS# XR0R795Y
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 11/21/2008	Signature of Authorized Individual Mike J. Fischer <u>Mike J. Fischer</u>
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7. Approval For Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Flt Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 11/21/2008		Certificate or Designation No. CRS# XR0R795Y	Signature of Authorized Individual Mike J. Fischer <u>Mike J. Fischer</u>	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished.

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

- 1) Installed Genesis Aero LLC. 20 gallon wing tip fuel tanks, kit number BCT092408-001 with included fuel quantity transmitters and Aerospace Logic auxilliary fuel quantity instrument model FL-100-R, s/n ASL004236 in accordance with Genesis Aero installation instructions KB1401 R1, dated April 1, 2007 and under STC SA02461CH.
- 2) Installed LoPresti Boom Beam landing light assembly, kit number LSM500-006 in accordance with Lo Presti installation instructions LSM500-006, rev F and under STC SA02279AT.
- 3) Installed Rosen sun visors p/n RBB-300-1A in accordance with Rosen installation instructions 9051-0116-002 and under STC SA3598NM.
- 4) Installed D'Shannon Products engine cooling kit number BAF091608-001 in accordance with D'Shannon installation manual DSP-IMP95-2 and under STC SA368CH.
- 5) Installed JVE, Inc. wing and vertical stabilizer vortex generator kit in accordance with JVE-500 installation instructions and under STC SA09074SC.
- 6) Installed D'Shannon aileron and flap gap seals kit number GAP09160801 in accordance with D'Shannon Products drawing B6300, revision A and under STC SA1176SO.
- 7) Complied with Genesis Aero LLC 4010 lb gross weight increase in accordance with STC SA02461CH.
- 8) Installed G&D Aero Products, Inc. tinted window inserts p/n GD-B103, GD-B104, GD-B105, GD-B106, GD-B107, GD-B108 in accordance with G&D Aero installation instructions report No. 1, dated December 7, 1987 and under STC SA3759NM.

FAA field approval was required, due to item number 5 (STC SA09074SC) and 6 (STC SA1176SO) not listing a Raytheon model G-36 in the approved model list. There is no difference in the Raytheon A-36 and G36 as it applies to these STC's. Both STC's are approved under STC SA02461CH, which is approved for Raytheon G-36 aircraft and supported by FAA form 8110-3 dated November 19, 2008 and ACO communication dated 11/20/08 (see attached). This field approval is being accomplished at the request of ACE-CHI-ACO-118C.

****This field approval is for the model difference for STC SA09074SC and STC SA1176SO only at the recommendation of ACE-CHI-ACO-118C.****

Instructions for continued airworthiness are included within each individual STC.

Weight and balance and equipment list were revised.

-----END-----

☐ Additional Sheets are Attached

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA02461CH

Copyright Genesis Aero, LLC.

This document is limited to the following aircraft:

Model G36
Serial Number E-3760
N-Number N3487
Kit Number KT07240X-001

This certificate issued to
Genesis Aero, LLC
823 Glenayre Drive
Glenview, IL 60025-3103

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number: 3A15

Maker: Hawker Beechcraft Corporation

Model: 36, A36, A36TC, G36

Description of Type Design Changes:

Install Genesis Aero, LLC, 20-gallon fiberglass auxiliary wing-tip fuel tanks DBL1400, Rev. D dated April 1, 2007, in accordance with Installation Manual KB-1401, Rev. I, did. April 1, 2007 or later FAA-approved revision for 4010-lb gross weight normal category operation.

Limitations and Conditions:

1. Compatibility of this design change with previous modifications must be determined by the installer.
2. A copy of this Certificate and Flight Manual Supplement for individual aircraft must be maintained as part of the permanent records for the modified aircraft.

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 5, 2007

Date received:

Date of issuance: August 1, 2007

Date amended:

By direction of the Administrator



Kyri N. Zoroyannis

(Signature)

for
Thaddeus D. Krollicki Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)

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

FAA Form 8130-2 (10-03)

PAGE 1 of 2 PAGES

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA00368CH

This certificate issued to

Genesis Aero LLC
823 Glenayre Drive
Glenview, IL 60025-3103

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 3 of the Civil Air Regulations. (See Aircraft Specification No. 3A15 for complete certification basis.)

Original Product - Type Certificate Number: 3A15

Make: Hawker Beechcraft Corporation

Model: S35, V35, V35A, V35B, 35-C33A, E33A, F33A
E33C, F33C, 36, A36, A36TC, B36TC, G36

Description of Type Design Change:

Installation of cooling air baffles in accordance with D'Shannon Products' Installation Manual, Revision 2, dated April 16, 2002, or later FAA approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the user.
2. Aircraft specifications are the same as listed on Aircraft Specification Number 3A15.
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.

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: April, 1, 1995

Date of issuance: June 23, 1995

Date received: April 12, 1996, August 5, 2002,
March 18, 2008

Date amended: April 9, 2003, March 27, 2008



By Direction of the Administrator

[Signature]

(Signature)

Thaddeus D. Krolicki, Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)

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

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

Copyright Genesis Aero, LLC.

This document is limited to the following aircraft:

Model 636
Serial Number F-3760
N-Number N348P
Kit Number ACT 091608-01

Number

SA117650

This certificate issued to **D'Shannon Products Company**

*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 3 of the Civil Air*

Regulations:

Original Product — Type Certificate Number: A-777 and 3A15

Make: Beech

Model: See continuation sheet

Description of Type Design Change: Installation of Aileron and Wing Flap Gap Seals in
accordance with D'Shannon Products Drawing B6300, Revision A, dated October R. 1980
or later approved revision.

Limitations and Conditions: This approval should not be extended to other specific
airplanes of this model on which other previously approved modifications are
incorporated, unless it is determined that the interrelationship between this
change and any of those other previously approved modifications will introduce no
adverse effect upon the airworthiness of that airplane.

*This certificate and the supporting data which is the basis for approval shall remain in effect until sus-
pended, annulled, revoked, or a termination date is otherwise established by the Administrator of the
Federal Aviation Administration.*

Date of application: August 1, 1980

Date received:

Date of issuance: October 10, 1980

Date annulled:



By direction of the Administrator

John R. James
(Signature)

JOHN R. JAMES
Acting Chief, Engineering
and Manufacturing Branch
Flight Standards Division

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.

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

Number SA09074SC

This Certificate issued to J.V.E., Inc.
Route 2, Box R45
Progreso Airport
Mercedes, TX 78570

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 3 of the Civil Air Regulations.

PROPRIETARY INFORMATION

US SHANNON PRODUCTS

NOT TO BE REPRODUCED

Original Product - Type Certificate Number: 3A15

SERIAL NO. F3760

Make: Beech

MODEL NO. G36 N348P

Model: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC

Description of Type Design Change:

Installation of vortex generators on wing upper surface and vertical stabilizer in accordance with J.V.E., Inc. Master Drawing List JVE-500, Revision 2, dated 08/21/95, and Installation Manual JVE-0494, dated 01/24/94, or later FAA approved revisions.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. A copy of this Certificate and Airplane Flight Manual Supplement JVE-8842NAC, dated 09/06/95, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.

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 31, 1995

Date reissued:

Date of issuance: October 12, 1995

Date amended: November 21, 1995, Rev. 1



By direction of the Administrator

A. J. Merrill
(Signature)

A. J. Merrill
Manager, Special Certification Office
Southwest Region

(Title)

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

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA02279AT

This certificate issued to LoPresti Speed Merchants
2620 Airport North Drive
Vero Beach, Florida 32960

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

Original Product - Type Certificate Number : * See attached

Make : FAA Approved Model List (AML)
Model : Document LSM-500-025 for a list of
Approved Airplane Models

Description of Type Design Change:

Installation of a Boom Beam Bulb, Starter and Ballast in accordance with Master Drawing List Report Number 43, Revision F, dated 15 July 2002, or later FAA Approved Revision.

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 of those 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.

This certificate and the supporting data which is the basis for approval of this certificate 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 : August 15, 2002

Date of issuance : February 14, 2001

Authorization for the application of this
modification is given by LSM for use on
aircraft number

Valid until: April 5, 2001; July 22, 2002;
February 14, 2003

By direction of the Administrator

Eugene R. Bollini
(Signature)

for Melvin D. Taylor, Manager,
Atlanta Aircraft Certification Office



(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both.
THIS CERTIFICATE MAY BE TRANSFERRED IN ACCORDANCE WITH FAR 21.27

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

Number SA3598NM

This certificate, issued to

Rosen Sunvisor Systems
86365 College View Road
Eugene, OR 97405

*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 * of the * Regulations.*

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML)

Make:

No. SA3598NM for a list of approved aircraft

Model:

models and applicable airworthiness regulations.

Description of the Type Design Change: Cockpit Sun Visor installation in accordance with FAA approved Rosen Drawing List Number RBB-00DL, dated August 26, 1986, or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA approved Drawing List Number RBB-00DL, shall be maintained as part of the permanent records for the modified aircraft.

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.

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: August 25, 1986

Date reissued: March 24, 2003

Date of issuance: September 22, 1986

Date amended: March 24, 2003; July 7, 2004;
July 25, 2006; November 21, 2006

By direction of the Administrator



Donald L. Hise
(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(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.



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301 (a))

1. Aircraft	Nationality and Registration Mark N348P	Serial No. E-3760	
	Make HAWKER BEECHCRAFT CORP	Model G36	Series BONANZA
2. Owner	Name (As shown on registration certificate) WARD T JOHN JR	Address (As shown on registration certificate) 111 W TYLER ST	
		City LONGVIEW	State TX
		Zip 75601	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
	X	AIRFRAME		(As described in item 1 above)	
		POWERPLANT			
		PROPELLER			
		APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		Manufacturer
Name	HAWKER BEECHCRAFT SERVICES	U.S. Certified Mechanic		C. Certificate No. CRS-XA14605K
Address	10440 JOHN CAPE ROAD	Foreign Certified Mechanic		LIMITED AIRFRAME RADIO CLASS I, II, III
City	SAN ANTONIO State TEXAS	X Certified Repair Station		
Zip	78216 Country USA	Certified Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B	Signature/Date of Authorized Individual JEFF ELLIOTT 9-30-2010
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ **APPROVED** ☐ **REJECTED**

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee X	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS-XA14605K	Signature/Date of Authorized Individual JEFF ELLIOTT 9-30-2010
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N348P

September 30, 2010

Nationally and Registration Mark

Date

MODIFIED G1000 SYSTEM BY LOADING NEW SOFTWARE VERSION 858.07 AND OPTIONS REQUIRED FOR SVT. IN ACCORDANCE WITH STC SA01595WI-D, DATED 7/21/2010.

FOR THE ABOVE EQUIPMENT INSTALLED A FUNCTIONAL TEST OF THE EQUIPMENT HAS BEEN PERFORMED IN ACCORDANCE WITH FAR 23.1301, FAR 23.1309 AND CHECKED IN ACCORDANCE WITH FAR 23.1431 FOR OPERATING SATISFACTORILY AND DID NOT ADVERSELY AFFECT OTHER COMPONENTS INSTALLED IN THE AIRCRAFT.

THE AIRCRAFT FLIGHT MANUAL SUPPLEMENT, G1000 INTEGRATED AVIONICS UPDATE WITH OPTIONS INCLUDING SYNTHETIC VISION / PATHWAYS ON HAWKER BEECHCRAFT G36 DATED 21 JULY 2010 REV1 AND THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, DOCUMENT #190-01259-00 REV. 1 DATED JUNE 2010 HAS BEEN PUT WITH THE AIRCRAFT RECORDS.

-----END-----

☒ Additional Sheets Are Attached

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

Number SA01595WI-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: 3A15
Make: Hawker Beechcraft
Model: G36

Description of Type Design Change:

G1000 Integrated Avionics System Update with options including Synthetic Vision and Pathways and GTS 820 Traffic Advisory System.

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-00620-18, Revision 1, Dated July 21, 2010 or later FAA-approved revision.
- (2) Airplane Flight Manual Supplement (AFMS), 190-01258-00, Revision 1, Dated July 21, 2010 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) Aircraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) listed in the Master Drawing List (MDL) identified above.

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: May 17, 2010

Date reissued:

Date of issuance: July 21, 2010

Date amended:



By direction of the Administrator

David G. Armstrong
(Signature)

David G. Armstrong
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.

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number SA01595WI-D

Date of Issuance: July 21, 2010

*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 3A15.
b. The certification basis for parts **changed or affected** by this change is:

Section	Amdt.	Section	Amdt.
23.251	45	23.1322	43
23.301(a)	48	23.1327(a)	20
23.303	Original	23.1351(a)(1)(2)(i)(g)	49
23.305	45	23.1353(h)	49
23.307(a)	Original	23.1357(a)(c)	43
23.561(a)(b)(3)(e)	48	23.1359	49
23.601	Original	23.1365(a)(b)(d)(e)	49
23.603	23	23.1367(c)(d)	Original
23.605(a)	23	23.1381(a)(b)	Original
23.607	48	23.1431(a)(b)(e)	49
23.609	Original	23.1501	21
23.611	48	23.1525	45
23.613(a)(b)	45	23.1529	26
23.771(a)	14	23.1541(a)	21
23.773(a)(2)	45	23.1555(a)(b)	50
23.777(a)(b)	51	23.1581(a)(b)(1)(3)(c)(f)	50
23.867(a)(b)	49	23.1583(h)(m)	50
23.1301	20	23.1585(a)(1)(j)	50
23.1309(a)(1)(2)(b)(1)(2)(3)(4)(e)	49	23-172-SC	
23.1311(a)(b)	49		
23.1321(a)(d)(e)	49		

-----END-----



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR 43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. 46301(a)).

1. Aircraft	Nationality and Registration Mark N348P	Serial No. E-3760		
	Make Raytheon	Model G36	Series	
2. Owner	Name (As shown on registration certificate) Ward T John Jr		Address (As shown on registration certificate)	
	Address 111 W Tyler St		City Longview State Tx	
	Zip 75601		Country US	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	Brian Woods	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	Manufacturer
Address	PO Box 805	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City	Kilgore State TX	<input type="checkbox"/> Certificated Repair Station	2720395
Zip	75663 Country USA	<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per
14 CFR Part 43 App. B

☐

Signature/Date of Authorized Individual

09/20/2010

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport	
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)	
Certificate or Designation No. 2720395		Signature/Date of Authorized Individual		09/20/2010	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N348P

09/20/2010

Nationality and Registration Mark

Date

Installed Aerospace Logic Inc. FL202 Fuel Quantity Indicator Part Number FL202 per STCSA02825NY and the FL20X Wiring and Installation Schematic. Part Number FL100R quantity Indicator was removed. New unit serial number is ASL005083. No change in weight and balance.

Installed Supplement in aircrafts flight manual

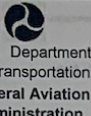
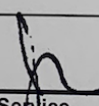
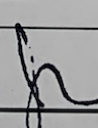
Instructions for Continued Airworthiness:

No additional maintenance requirements are specified after installation. No component maintenance or repair is performed on any component of the system. In the event of failure, the failing device is replaced in its entirety.

***** NOTHING FOLLOWS *****

☐ Additional Sheets Are Attached

ADS-13 GTX345R

		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 11/30/2007	Electronic Tracking Number
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))					
1. Aircraft	Nationality and Registration Mark US N136RR		Serial No. E-3760		
	Make RAYTHEON A/C COMPANY		Model G36	Series	
2. Owner	Name (As shown on registration certificate) RORY RAY		Address (As shown on registration certificate) 2163 CREEKSIDE COURT PINETOP, AZ 85935		
	3. For FAA Use Only				
4. Type					
Repair		5. Unit Identification			
Alteration		Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT	_____	_____	_____
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER	_____	_____	_____
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type _____ Manufacturer _____	_____	_____
6. Conformity Statement					
A. Agency's Name and Address General Avionics, Inc. 18000 Groeschke Road Hangar 1-E Houston, TX 77084 USA			B. Kind of Agency <input type="checkbox"/> U. S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization		
			C. Certificate No. CRS# Y4XR461Y General Avionics, Inc. 18000 Groeschke Rd.		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Extended range fuel per 14 CFR Part 43 App. B		Signature/Date of Authorized Individual  JAMES W WURMAN JR 07-September-2018			
7. Approval for Return to Service					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected					
BY	FAA Ftl. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)	
Certificate or Designation No. Y4XR461Y		Signature/Date of Authorized Individual  General Avionics, Inc. 07-September-2018			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

US N136RR

Sep-07-2018

Nationality and Registration Mark

Date

- A. Removed equipment as listed on revised Weight and Balance this date.
- B. Installed a Garmin GTX345R W/ GPS ADSB/ES transponder .
- C. This installation was performed in accordance with or the following manuals were referenced during the installation: Garmin AT, Inc. STC SA01714WI.
- D. All installed equipment was function tested to MPS this date for proper operation.
- E. Aircraft Weight and Balance revised this date.
- F. Instructions for Continued Airworthiness placed in Aircraft Records.
- G. FAA Approved Flight Manual Supplement provided to aircraft owner.

END

☐ ADDITIONAL SHEETS ARE ATTACHED