



US Department  
of Transportation  
Federal Aviation  
Administration

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

Form Approved  
OMB No. 2120-0020  
2/28/2011

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 <b>N7235E</b>	Serial No. <b>E-2252</b>
	Make <b>BEECH</b>	Model <b>A36</b>
2. Owner	Name (As shown on registration certificate) <b>FLYING DAWG AVIATION LLC</b>	Address (As shown on registration certificate) Address <b>PO BOX 847</b> City <b>EUFAULA</b> State <b>OK</b> Zip <b>74432-0847</b> Country <b>USA</b>

**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 <b>DAVIS FIELD AVIATION, LLC</b>	Address <b>1200 SABRE ST</b>	U. S. Certificated Mechanic	Manufacturer	
City <b>MUSKOGEE</b>	State <b>OK</b>	Foreign Certificated Mechanic	C. Certificate No.	
Zip <b>74403</b>	Country <b>USA</b>	Certificated Repair Station	D3FR571X	
		Certificated Maintenance Organization	LIMITED AIRFRAME	

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	<input type="checkbox"/>	Signature/Date of Authorized Individual
 <b>Nathan L. Stephens 03/11/2024</b>		

**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 Fit. 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.  <b>D3FR571X</b>	Signature/Date of Authorized Individual   <b>Nathan L. Stephens 03/11/2024</b>
--	--

## 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.)*

N7235E

03/11/2024

Nationality and Registration Mark

Date

BEECH

A36

E-2252

Verified this aircraft was on STC-AML #SA01899WI. Verified all equipment interfacing to the G3X Touch System was listed on STC approved equipment list.

A. The following equipment and components were installed I/A/W G3X Touch installation manual P/N: 190-02472-01 Rev 15 and FAA STC #SA01899WI.

1. Garmin GDU 460, P/N: 011-02920-05 conforming to FAA-PMA
2. Garmin GMU 11, P/N: 010-01788-01 conforming to FAA-PMA
3. Garmin GAD 29D, P/N: 011-03236-21 conforming to FAA-PMA
4. Garmin GSU 25D, P/N: 011-02929-56 conforming to FAA-PMA
5. Garmin GEA 24B, P/N: 011-05991-01 conforming to FAA-PMA
6. Garmin GTP 59, P/N: 011-00978-00 conforming to FAA-PMA
7. Garmin GMA 245RM, P/N: 011-03784-10 conforming to FAA-PMA
8. Garmin GPS Glareshield Mount Antenna, P/N: 011-04036-00 conforming to FAA-PMA
9. Garmin GDU 470, P/N: 011-04311-05 conforming to FAA-PMA

B. The GDU 460 was installed in the pilot's instrument panel I/A/W G3X Touch installation manual and FAA STC # SA01899WI.

C. The GDU 470 was installed in the center of the instrument panel I/A/W G3X Touch installation manual and FAA STC #SA01899WI.

D. The GMU 11 was installed in the tail of the aircraft I/A/W G3X Touch installation manual and FAA STC # SA01899WI.

E. The GSU 25D was installed behind the instrument panel of the GDU 460 I/A/W G3X Touch installation manual and FAA STC #SA01899WI.

F. The GAD 29D was installed behind the pilot panel I/A/W G3X Touch installation manual and FAA STC # SA01899WI.

G. The GEA 24B was installed behind the pilot panel I/A/W G3X Touch installation manual and FAA STC # SA01899WI.

H. The GTP 59 was installed under the left elevator I/A/W G3X Touch installation manual and FAA STC #SA01899WI.

I. The GMA 245RM was installed behind the radio pane on top of the GTN 750Xi I/A/W G3X Touch installation manual and FAA STC #SA01899WI.

J. An electrical load analysis was performed and found that the continuous load of the alternator does not exceed 80% of capacity I/A/W 14 CFR 23.1309 (c, d), and 14 CFR 23.1351 (a).

Additional Sheets Are Attached

## 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.)*

N7235E

03/11/2024

Nationality and Registration Mark

Date

BEECH

A36

E-2252

K. A complete operational test was performed according to instructions in the Installation Manual, P/N: 190-02472-01 Rev 15. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft as required by 14 CFR 23.1301.

L. The aircraft equipment list was revised to reflect these changes; weight and balance change was updated.

M. An FAA approved G3X Touch EFIS flight manual supplement, document number 190-01754-01 Rev 6 was installed in the pilot's flight manual.

### Instructions for Continued Airworthiness (ICA)

1. G3X Touch EFIS- G3X Instructions for Continued Airworthiness, P/N: 190-02472-02 Rev 9.

-----  
NOTHING FOLLOWS-----

Additional Sheets Are Attached





1200 East 151<sup>st</sup> Street  
Olathe, KS 66062  
P: 913-397-8200 F: 913-397-8282

---

July 22, 2020

Subject: Authorization for STC Use  
AML STC SA01899WI for G3X Touch Electronic Flight Instrument System

Garmin authorized dealers are hereby granted permission to use Garmin AML STC SA01899WI data to modify aircraft.

A handwritten signature in black ink, appearing to read "Robert Murray". It is positioned above a diagonal line.

Robert Murray  
Director, Aircraft Certification  
Garmin International, Inc.





United States of America  
Department of Transportation  
Federal Aviation Administration

## Supplemental Type Certificate

Number: SA01899WI

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:

Multiple - AML STC

Make:

Model: See Approved Model List (AML) SA01899WI for approved aircraft models and applicable airworthiness regulations

Description of Type Design Change:

Installation of Garmin G3X Touch Electronic Flight Instrument System

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-01320-00, Revision 1, dated March 15, 2019
- (2) Garmin G3X STC Maintenance Manual including ICA190-02472-02, Revision 1, dated March 15, 2019
- (3) Garmin G3X Airplane Flight Manual Supplement 190-01754-01, Revision 1, dated March 15, 2019

Later FAA-approved revisions to the data listed above are incorporated without amendment to this certificate

Limitations and Conditions:

- (1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (2) Installation of G3X in aircraft certified for IFR must have standby instruments for attitude, airspeed and altitude. Permitted standby instrument configurations and other limitations are defined in the data shown in the Master Drawing List (MDL) identified above.
- (3) All aircraft listed on the Approved Model List (AML) meet the requirements for airplane certification level 1 and 2, and airplane performance level: low speed.

(continued on Page 3)

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

Date of Application: May 15, 2018

Date Reissued:

Date of Issuance: March 15, 2019

Date Amended: December 20, 2019; February 12, 2020;  
April 21, 2023; October 10, 2023

By Direction of the Administrator

Signature

Title Robert Murray  
ODA STC Unit Administrator  
ODA-240087-CE

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120)



United States of America  
Department of Transportation  
Federal Aviation Administration

## *Supplemental Type Certificate*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America  
Department of Transportation  
Federal Aviation Administration

*Supplemental Type Certificate*  
(Continuation Sheet)

Number: SA01899WI

October 10, 2023

**\*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 remains unchanged from the original approval.

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

Section	Amdt.	Section	Amdt.
23.251(a)	23-62	23.1325(a)(b)(1)(2)	23-50
23.301(a)	23-48	23.1327	23-20
23.303	Original	23.1331	23-62
23.305	23-45	23.1337(a)(b)(1)(c)	23-51
23.307(a)	Original	23.1351(a)(1)(2)(i)(e)	23-49
23.337(a)(b)	23-48	23.1353(h)(1)(i)(2)	23-62
23.561(a)(b)(3)(e)	23-62	23.1357(a)(b)(c)(d)	23-43
23.601	Original	23.1359	23-49
23.603	23-23	23.1365(a)(b)(d)(e)	23-49
23.605(a)	23-23	23.1367(a)(c)(d)	Original
23.607(a)(b)	23-48	23.1381(a)(b)	Original
23.609	Original	23.1383(b)(c)	23-49
23.611	23-48	23.1419(a)(c)	23-43
23.613(a)(b)(c)	23-45	23.1431(a)(b)(e)	23-62
23.627	Original	23.1501	23-21
23.771(a)	23-14	23.1521(a)(b)(1)(2)(4)(c)(1)(2)(4)	23-50
23.773(a)(2)	23-45	23.1523	23-34
23.777(a)(b)	23-62	23.1525	23-45
23.853(a)	23-62	23.1529	23-26
23.863(a)(b)	23-34	23.1541	23-21
23.901(a)(b)(1)(e)	23-53	23.1543(b)(c)	23-50
23.954(a)(b)	23-7	23.1545(a)(b)(1)(2)(3)(4)	23-62
23.955(a)(2)(3)(4) (b)(c)	23-51	23.1549	23-45
23.963(e)	23-51	23.1553	23-50
23.993	23-43	23.1555(a)(b)(d)(3)(e)(2)	23-62
23.1182	23-14	23.1581(a)(b)(c)(f)	23-50
23.1183	23-51	23.1583(b)(h)(m)	23-62
23.1301	23-62	23.1585(a)(1)(i)	23-62
23.1303(a)(b)(c)(d)(f)	23-62	23.2000	23-64
23.1305(a)(1)(2)(3)(b)(2)(3)(i)(4)(i)(5)(6)	23-52	23.2005	23-64
23.1307	23-49	23.2010	23-64
23.1309(a)(1)(b)(d)	23-62	23.2335	23-64
23.1310(a)	23-62	23.2500(b)	23-64
23.1311(a)(b)	23-62	23.2505	23-64
23.1321	23-49	23.2510	23-64
23.1322	23-43	23.2515	23-64
23.1323(a)(b)(c)	23-62	23.2520	23-64

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

## FAA Approved Model List (AMI) STC SA01899WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model (alias)	Type Certificate Number	TC Certification Basis*	MDL Rev.**	AMI Date	Limitations
<b>Piper Aircraft, Inc.</b> (Piper Aircraft, Inc.)	PA-38-112	A18SO	FAR 23	1	Mar 15, 2019	
<b>Piper Aircraft, Inc.</b> (Piper Aircraft, Inc.)	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32R-301(SP), PA-32R-301(HP), PA-32R-301T, PA-32-301, PA-32-301T, PA-32-301FT, PA-32-301XTC	A3SO	CAR 3	1	Mar 15, 2019	(1)(2)
<b>Polskie Zaklady Lotnicze Spolka zo.o</b> (Polskie Zaklady Lotnicze Spolka zo.o) [PZL MIELEC]	PZL M26 01	A44CE	FAR 23	1	Mar 15, 2019	
<b>Revo, Inc.</b> (Revo, Incorporated) [Lake]	Colonial C-1, Colonial C-2, Lake Model 250 Lake LA-4, Lake LA-4A, Lake LA-4P, Lake LA-4-200	1A13	CAR 3	1	Mar 15, 2019	
<b>SOCATA Morane Saulnier Rallye</b> (SOCATA) [SOCATA - Groupe Aerospatiale]	Rallye 100S, Rallye 150ST, Rallye 150T, Rallye 235E, Rallye 235C, MS 880B, MS 885, MS 894A, MS 893A, MS 892A-150, MS 892E-150, MS 893E, MS 894E	7A14	CAR 3	1	Mar 15, 2019	
<b>SOCATA</b> (SOCATA) [SOCATA - Groupe Aeropatiale]	TB 9, TB 10, TB 20, TB 21, TB200	A51EU	FAR 23	5	Dec 20, 2019	
<b>Spartan Aircraft Company</b>	Spartan 7W	TC 628	Aero 7A	1	Mar 15, 2019	
<b>Stinson</b> (Consolidated Vultee Aircraft Corporation)	V-77 (Army AT-19)	A-774	CAR 4a	11	Dec 29, 2021	
<b>STOL</b> (Sky Enterprises, Inc.) [Republic Sea-Bee]	RC-3	A-769	CAR 3	1	Mar 15, 2019	
<b>Swift</b> (Swift Museum Foundation Inc.) [Globe Aircraft Company]	GC-1A, GC-1B	A-766	CAR 4a	1	Mar 15, 2019	
<b>Symphony Aircraft Industries Inc.</b> (Symphony Aircraft Industries Inc.) [OMF]	OMF-100-160, SA 160	A46CE	FAR 23	1	Mar 15, 2019	
<b>Textron Aviation</b> (Textron Aviation Inc.) [Beechcraft]	D17S (Army UC-43, UC-43B, Navy GB-1, GB-2), SD17S	A-649	Aero 7A	1	Mar 15, 2019	
<b>Textron Aviation</b> (Textron Aviation Inc.) [Beechcraft]	G17S	TC 779	Aero 7A	1	Mar 15, 2019	
<b>Textron Aviation</b> (Textron Aviation Inc.) [Beechcraft]	19A, B19, M19A, 23, A23, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R	A1CE	CAR 3	1	Mar 15, 2019	
<b>Textron Aviation</b> (Textron Aviation Inc.) [Beechcraft]	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, B36TC	3A15	CAR 3	1	Mar 15, 2019	



US Department  
of Transportation  
Federal Aviation  
Administration

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

Form Approved  
OMB No. 2120-0020  
2/28/2011

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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N7235E</b>		Serial No. <b>E-2252</b>
	Make <b>BEECH</b>	Model <b>A36</b>	Series
<b>2. Owner</b>	Name (As shown on registration certificate) <b>FLYING DAWG AVIATION LLC</b>		Address (As shown on registration certificate) Address <b>PO BOX 847</b> City <b>EUFAULA</b> State <b>OK</b> Zip <b>74432-0847</b> Country <b>USA</b>

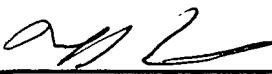
**3. For FAA Use Only**

<b>4. Type</b>		<b>5. Unit Identification</b>			
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**

<b>A. Agency's Name and Address</b>		<b>B. Kind of Agency</b>		
Name <b>DAVIS FIELD AVIATION, LLC</b>		U. S. Certificated Mechanic	Manufacturer	
Address <b>1200 SABRE ST</b>		Foreign Certificated Mechanic	C. Certificate No.	
City <b>MUSKOGEE</b> State <b>OK</b>		<input checked="" type="checkbox"/> Certificated Repair Station	D3FR571X	
Zip <b>74403</b> Country <b>USA</b>		Certificated Maintenance Organization <b>LIMITED AIRFRAME</b>		

**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	<input type="checkbox"/>	Signature/Date of Authorized Individual 	Nathan L. Stephens 03/11/2024
---	--------------------------	--	-------------------------------

**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

<b>BY</b>	FAA Fit. 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. <b>D3FR571X</b>		Signature/Date of Authorized Individual 	Nathan L. Stephens 03/11/2024
--	--	--	-------------------------------

## 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.)*

N7235E

03/11/2024

Nationality and Registration Mark

Date

BEECH

A36

E-2252

Removed Garmin GNS 430 and PMA 8000B from aircraft.

Verified this aircraft was on STC-AML # SA02019SE-D. Verified all equipment interfacing to the GTN 750Xi was listed on STC approved equipment list.

A. The following equipment and components were installed:

1. Garmin GTN 750Xi with mounting tray conforming to TSO-C34e, C36e Class A, C40c, C74d, Class A, C112e, C128a, C146e Class 3, C151d Class A, B, C157b Class 1, 2, C165b, C169a Class C, E, 3, 4, 5, 6, C194, and C195b Class B1, B3, B5, B7.

B. Installed Garmin GTN 750Xi that is located in the instrument panel I/A/W Garmin Installation Manual, P/N: 190-01007-C3 Rev 9 and I/A/W FAA STC SA02019SE-D.

C. An electrical load analysis was performed and found that the continuous load of the alternator does not exceed 80% of capacity I/A/W 14 CFR 23.1309 (c, d), and 14 CFR 23.1351 (a).

D. An FAA approved flight manual supplement, document number 190-01007-C2 Rev 7 was installed in the pilots flight manual.

E. A complete operational test was performed according to instructions in the Installation Manual for the GTN 750Xi. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft as required by 14 CFR 23.1301.

F. The weight and balance data change was updated. Equipment List Revised.

Instructions for Continued Airworthiness (ICA)

1. GTN 750Xi- Reference GTN 750Xi Instructions for Continued Airworthiness, P/N: 190-01007-C1 Rev 3.

-----NOTHING FOLLOWS-----

Additional Sheets Are Attached



March 18, 2011

Subject: STC Permission to use STC SA02019SE-D for  
Garmin Model GTN 6xx/7xx Navigation System  
(See AML)

Consistent with Order 8110.4B and AC21-40, Garmin International grants permission to Garmin dealers, installers, and owners of the Garmin Model GTN 6xx/7xx Navigation System units to use STC SA02019SE-D and deliverable data associated with it, for the sole and express purpose of installation and approval of the installation of the Garmin Model GTN 6xx/7xx Navigation System, and associated interfaces to other previously approved equipment.

A handwritten signature in black ink, appearing to read "Emmett Griffith".

Emmett Griffith, Engineering Manager  
Garmin AT, Inc.





United States of America  
Department of Transportation  
Federal Aviation Administration

## Supplemental Type Certificate

Number: SA02019SE-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: Make:  
Multiple – AML STC Model: See Approved Model List (AML) SA02019SE-D for approved aircraft models and applicable airworthiness standards.

Description of Type Design Change:

Installation of Garmin GTN 6XX/7XX and GTN Xi Series Navigation System in accordance with FAA approved Master Drawing List, 005-00533-C0, Revision 1, approved March 18, 2011 or later FAA approved revision. The Master Drawing List identifies the applicable FAA approved Airplane Flight Manual Supplements and System Maintenance Manuals (including Instructions for Continued Airworthiness).

Limitations and Conditions:

- (1) The installer must determine whether this design change is compatible with previously installed modifications.
- (2) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
- (3) A copy of this certificate and associated AML, the approved AFMS, and the approved ICA 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: March 26, 2009

Date Reissued:

Date of Issuance: March 18, 2011

Date Amended: December 19, 2012; November 25, 2014;  
November 2, 2017; August 23, 2018;  
January 3, 2020; July 23, 2021; January 25, 2023

By Direction of the Administrator

Signature:



Title:

JR Brownell  
ODA STC Unit Administrator  
ODA-240087-CE

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America  
Department of Transportation  
Federal Aviation Administration

## Supplemental Type Certificate

**INSTRUCTIONS:** The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

**Extent of Authority** (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: SA02019SE-D

Issued: March 18, 2011

Amended: December 19, 2012; November 25, 2014; November 2, 2017; August 23, 2018; January 3, 2020; July 23, 2021; January 25, 2023

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48A, the certification basis for this change is as follows:

- The certification basis for parts not changed or not affected by this change is shown on the attached AML.
- The certification basis for parts changed or affected by this change is at amendment Original through 23-64.

Section	Amdt.	Section	Amdt.	Section	Amdt.
23.301 (a)	23-48	23.777 (a)(b)	23-51	23.1367 (a)(b)(c)(d)	Original
23.303	Original	23.853 (a)(d)(3)(v)(f)	23-62	23.1381 (a)(b)(c)	Original
23.305 (a)(b)	23-45	23.1301 (a)(b)(c)(d)	23-20	23.1431 (a)(b)(d)(e)	23-49
23.307 (a)	Original	23.1307	23-49	23.1501 (a)(b)	23-21
23.337 (a)(b)(c)	23-48	23.1309 (a)(b)(c)(1)(e)	23-49	23.1523 (a)(b)(c)	23-34
23.561 (a)(b)(3)(e)	23-48	23.1311 (a)(1-4)(6)(7)	23-49	23.1525	23-45
23.601	Original	23.1321 (a)(c)(e)	23-49	23.1529	23-26
23.603 (a)(b)	23-23	23.1322 (a)(b)(c)(d)(e)	23-43	23.1541 (a)(2)(b)	23-21
23.605(a)	23-23	23.1329 (h)	23-49	23.1555 (a)(b)(e)(2)	23-50
23.607 (b)	23-48	23.1331 (a)(b)(1)	23-43	23.1559 (c)	23-50
23.611	23-48	23.1351 (a)	23-49	23.1581 (a)(b)(c)(f)	23-50
23.613 (a)(b)	23-45	23.1353 (h)	23-49	23.1583 (h)(m)	23-50
23.627	Original	23.1357 (a)(b)(d)	23-43	23.1585 (j)	23-50
23.771 (a)	23-14	23.1359 (c)	23-49	23.2010 (a)(b)	23-64
23.773 (a)(2)	23-45	23.1361 (b)	23-49	23.2500 (b)	23-64
		23.1365 (a)(b)(d)(e)	23-49	23.2505	23-64
				23.2510 (a)(b)(c)	23-64
				23.2515 (a)(b)	23-64
				23.2520 (a)(b)	23-64

—END—

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

## FAA Approved Model List (AML) STC SA02019SE-D

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model	Master Drawing List				AML Amendment Date	Limitations / Notes
		Type Certificate Number	TC Certification Basis *	Document Number	Revision (or later FAA approved revision)		
FFA (Flugzeugwerke Altenhein AG)	AS 202/15 "BRAVO", AS 202/18A4 "BRAVO"	A34EU	FAR 23	005-00533- C0	10	12/13/2013 Amended	
Found Aircraft Canada, Inc. (Found Aircraft Canada, Inc.)	FBA-2C, FBA-2C1 (Bush Hawk), FBA-2C2 (Bush Hawk XP), FBA-2C3 (Expedition)	A7EA	CAR 3 FAR 23	005-00533- C0	1	3/18/2011 Original	
Found Aircraft Canada, Inc. (Found Aircraft Canada, Inc.)	FBA-2C3T, FBA-2C4 (Bigfoot), FBA-2C4T	A7EA	FAR 23	005-00533- C0	5	12/19/2012 Amended	
Found Brothers (Found Brothers Aviation Limited)	FBA Centennial "100"	A13EA	FAR 23	005-00533- C0	1	3/18/2011 Original	
FS2003 Corp. (FS 2003 Corp.) [New Piper Aircraft, Inc.]	PA-12, PA-12S	A-780	CAR 3	005-00533- C0	1	3/18/2011 Original	
GA8 Airvan (Pty) Ltd (GA 8 Airvan (PTY) Ltd) [Gippsland Aeronautics Pty. Ltd]	GA8	A00011LA	FAR 23	005-00533- C0	1	3/18/2011 Original	
GA8 Airvan (Pty) Ltd (GA 8 Airvan (PTY) Ltd) [Gippsland Aeronautics Pty. Ltd]	GA8-TC320	A00011LA	FAR 23	005-00533- C0	5	12/19/2012 Amended	
Grob (Grob-Werke)	G120A	A49CE	FAR 23	005-00533- C0	1	3/18/2011 Original	
Grob (Grob-Werke) [Burkhart Grob]	G115, G115A, G115B, G115C, G115C2, G115D, G115D2, G115EG	A57EU	FAR 23	005-00533- C0	1	3/18/2011 Original	
Grumman (Grumman American Aviation Corporation)	Grumman G-21, Grumman G-21A	TC 654	Aero 7A	005-00533- C0	1	3/18/2011 Original	
Gulfstream American (Gulfstream American Corporation) [Grumman]	G-44, G-44A, SCAN Type 30	A-734	CAR 4a	005-00533- C0	1	3/18/2011 Original	
Hawker Beechcraft (Hawker Beechcraft Corporation) [Raytheon Beech]	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, B36TC	3A15	CAR 3	005-00533- C0	1	3/18/2011 Original	



US Department  
of Transportation  
Federal Aviation  
Administration

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

Form Approved  
OMB No. 2120-0020  
2/28/2011

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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N7235E</b>	Serial No. <b>E-2252</b>
	Make <b>BEECH</b>	Model <b>A36</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>FLYING DAWG AVIATION LLC</b>	Address (As shown on registration certificate) Address <b>PO BOX 847</b> City <b>EUFAULA</b> State <b>OK</b> Zip <b>74432-0847</b> Country <b>USA</b>

**3. For FAA Use Only**

<b>4. Type</b>		<b>5. Unit Identification</b>			
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**

<b>A. Agency's Name and Address</b>		<b>B. Kind of Agency</b>		
Name <b>DAVIS FIELD AVIATION, LLC</b>		U. S. Certificated Mechanic	Manufacturer	
Address <b>1200 SABRE ST</b>		Foreign Certificated Mechanic	C. Certificate No.	
City <b>MUSKOGEE</b> State <b>OK</b>		<input checked="" type="checkbox"/> Certificated Repair Station	D3FR571X	
Zip <b>74403</b> Country <b>USA</b>		Certificated Maintenance Organization <b>LIMITED AIRFRAME</b>		

**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	<input type="checkbox"/>	Signature/Date of Authorized Individual 
<b>Nathan L. Stephens 03/11/2024</b>		

**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

<b>BY</b>	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	

Certificate or Designation No. <b>D3FR571X</b>		Signature/Date of Authorized Individual 
<b>Nathan L. Stephens 03/11/2024</b>		

## 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.)*

N7235E

03/11/2024

Nationality and Registration Mark

Date

BEECH

A36

E-2252

Removed Bendix/King KFC 150 autopilot system from aircraft.

Verified this aircraft was on STC-AML #SA01866WI. Verified all equipment interfacing to the GFC 500 was listed on STC approved equipment list.

A. The following equipment and components were installed I/A/W GFC 500 installation manual P/N: 190-02291-00 Rev 24, GFC 500 installation manual addendum P/N:190-02291-24 Rev 5 and FAA STC #SA01866WI.

1. 4 – Garmin GSA 28, P/N: 011-02927-21 conforming to FAA-PMA
2. Garmin GMC 507, P/N: 011-04548-01 conforming to FAA-PMA
3. Garmin GFC 500 Kit, K11-00024-35 Kit 35, GFC500 Install, 2 Servo conforming to FAA-PMA
4. Garmin GFC 500 Kit, K11-00024-32, Kit 36, GFC500 Install, Pitch Trim Servo conforming to FAA-PMA
5. Garmin GFC 500 Kit, K11-00024-30 Kit 30, GFC500 Install, Yaw Damp Servo conforming to FAA-PMA

B. All GSA 28 servos with the GFC 500 kits was installed in the aircraft I/A/W GFC 500 installation manual addendum P/N: 190-02291-24 Rev 5 and FAA STC #SA01866WI.

C. The GMC 507 was installed in the radio panel I/A/W GFC 500 installation manual addendum P/N:190-02291-24 Rev 5 and FAA STC #SA01866WI.

D. The GFC 500 system was wired and interfaced to the Garmin GI 275 I/A/W GFC 500 installation manual P/N: 190-02291-00 Rev 24, GFC 500 installation manual addendum P/N:190-02291-24 Rev 5 and FAA STC #SA01866WI.

E. An electrical load analysis was performed and found that the continuous load of the alternator does not exceed 80% of capacity I/A/W 14 CFR 23.1309 (c, d), and 14 CFR 23.1351 (a).

F. A complete operational test was performed according to instructions in the Installation Manual, P/N: 190-02291-00 Rev 24. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft as required by 14 CFR 23.1301.

G. The aircraft equipment list was revised to reflect these changes; weight and balance change was updated.

H. An FAA approved GFC 500 flight manual supplement, document number 190-02291-25 Rev 6 was installed in the pilots flight manual.

### Instructions for Continued Airworthiness (ICA)

1. GFC 500- GFC 500 Instructions for Continued Airworthiness, P/N: 190-02291-01 Rev 11.

-----  
NOTHING FOLLOWS-----

Additional Sheets Are Attached



1200 East 151<sup>st</sup> Street  
Olathe, KS 66062  
P: 913-397-8200 F: 913-397-8282

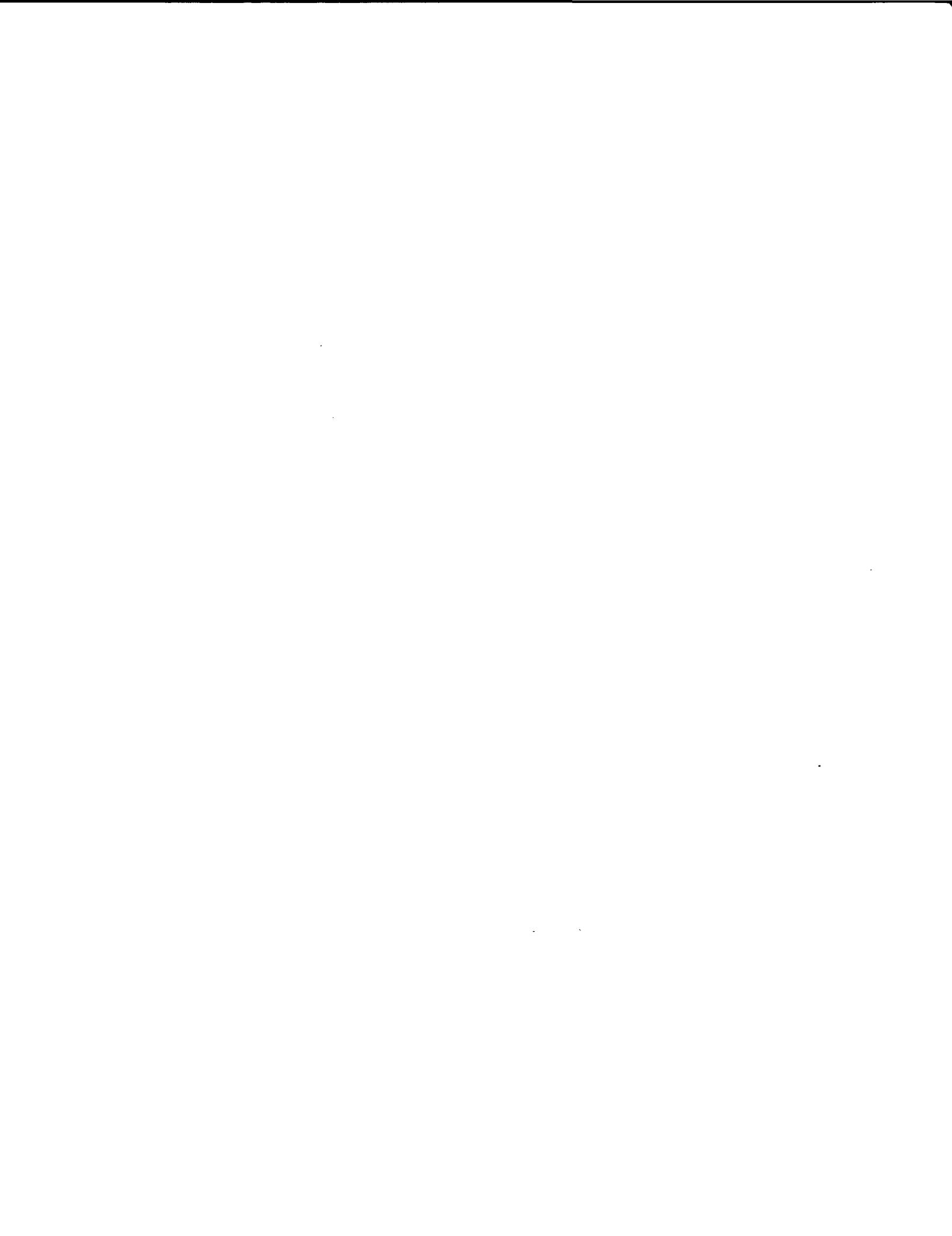
---

December 21, 2017

**SUBJECT:** Authorization for STC Use  
AML STC SA01866WI

Garmin authorized dealers are hereby granted permission to use Garmin AML STC SA01866WI data to modify aircraft.

  
\_\_\_\_\_  
Robert Murray  
Director, Aircraft Certification  
Garmin International, Inc.





United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA01866WI

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:

Multiple – AML STC

Make:

Model: See FAA Approved Model List (AML) SA01866WI for approved aircraft models and applicable airworthiness regulations

Description of Type Design Change:

Installation of Garmin GFC 500 Autopilot with Electronic Stability and Protection

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-01264-00, Revision 1, dated December 21, 2017
- (2) Garmin GFC 500 Automatic Flight Control System Part 23 AML STC Maintenance Manual (includes Instructions for Continued Airworthiness) 190-02291-01, Revision 1, dated December 21, 2017

Later FAA-approved revisions to the data listed above are incorporated without amendment to this certificate.

Limitations and Conditions:

- (1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (2) Aircraft modified by this STC must be operated in accordance with the Airplane Flight Manual Supplement (AFMS) identified on the Approved Model List.
- (3) Aircraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) identified above.

(continued on Page 3)

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

Date of Application: August 24, 2017

Date Reissued:

Date of Issuance: December 21, 2017

Date Amended: March 15, 2019; May 4, 2020; September 10, 2020, October 15, 2020; November 13, 2020; April 27, 2021; November 12, 2021; February 1, 2022; July 21, 2023; September 8, 2023

By Direction of the Administrator

Signature

Title

ODA STC Unit Administrator  
ODA-240087-CE

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120)



United States of America  
Department of Transportation  
Federal Aviation Administration

## Supplemental Type Certificate

**INSTRUCTIONS:** The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

**Extent of Authority (if licensing agreement):**

*Date of transfer:*

*Signature of grantor:*

---

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120)



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: SA01866WI

September 8, 2023

- (4) The installation of a Garmin G5 Electronic Flight Instrument per Garmin AML STC SA01818WI or a Garmin G3X Touch EFIS per Garmin AML STC SA01899WI or a Garmin GI 275 per Garmin AML STC SA2658SE must be accomplished prior to or concurrent with this STC installation.
- (5) If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.
- (6) All aircraft listed on the Approved Model List (AML) meet the requirements for airplane certification level 1 and 2, and airplane performance level: low speed.

**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 remains unchanged from the original approval.
- b. The certification basis for parts changed or affected by this change is:

Section	Amdt.	Section	Amdt.
23.143	23-50	23.863 (a)(b)	23-34
23.301 (a)	23-48	23.1301 (a)(b)(c)(d)	23-20
23.303	Orig.	23.1309 (a)(1)(2)(3)(b)(c)(d)(e)	23-49
23.305 (a)(b)	23-45	23.1321 (e)	23-49
23.307 (a)	Orig.	23.1322	23-43
23.337	23-48	23.1329	23-49
23.395 (a)(1)	23-7	23.1331 (b)(1)	23-43
23.397 (a)(b)	23-45	23.1335	23-20
23.405	Orig.	23.1351 (a)(1)(2)(i)	23-49
23.561 (a)(b)(3)(e)	23-48	23.1353 (h)	23-49
23.601	Orig.	23.1357 (a)(b)(c)(d)	23-43
23.603	23-23	23.1359	23-49
23.605 (a)	23-23	23.1365 (a)(b)(d)(e)	23-49
23.607 (a)(b)(c)	23-48	23.1381 (a)	Orig.
23.609	Orig.	23.1431 (a)(b)	23-49
23.611	23-48	23.1501 (a)(b)	23-21
23.613 (a)(b)	23-45	23.1523 (a)(b)(c)	23-34
23.627	Orig.	23.1525	23-45
23.671 (a)(b)	Orig.	23.1529	23-26
23.675	23-17	23.1555 (a)(b)	23-50
23.677 (a)(d)	23-49	23.1581 (a)(b)(d)(f)	23-50
23.681 (a)	Orig.	23.1583 (h)	23-50
23.683	23-7	23.1585 (a)	23-50
23.685 (a)(c)(d)	23-17	23.2000	23-64
23.689 (a)(2)(3)(b)(c)(e)	23-7	23.2005	23-64
23.771 (a)	23-14	23.2010 (a)(b)	23-64
23.773 (a)(2)	23-45	23.2335	23-64
23.777 (a)(b)	23-51	23.2515 (a)(b)*	23-64
23.779 (a)	23-51	23.2520 (a)(b)*	23-64
23.853 (a)	23-49		

\*23.2515(b) and 2520(b) are applicable to the GI 275 interface only.

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120)

FAA Approved Model List (AML) STC SA01866WI

Aircraft Make (TCDS Holder) [common name or previous make]	Aircraft Model	Type Certificate Number	TC Certification Basis*	MDL Rev.**	005-01264-00 Rev.**	AML Amended Date	AFMS Part Number	AFMS Rev.**
R182, TR-182	S35, V35, V35A, V35B	3A15	CAR 3	19	7/03/19	190-02291-32		1
<b>Textron Aviation (Textron Aviation Inc.)</b> [Beechcraft]	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33G33 (S/N CD-1244 thru CD-1304), F33A (S/N CE-290 thru CE-315), F33C (S/N CJ-52 thru CJ-179)			3	3/13/18	190-02291-09		1
	F33A (S/N CE-316 thru CE-319)			7	8/9/18	190-02291-16		1
	36, A36, A36TC (S/N EA-1 thru EA-272, except EA-242)			10	11/05/18	190-02291-16		1
	B36TC			13	3/8/19	190-02291-25		1
	N35, P35			28	3/27/20	190-02291-25		3
	H35, J35, K35, M35			34	6/26/20	190-02291-59		1
	R172K	3A17	CAR 3 FAR 23	58	6/17/21	190-02291-77		1
	172RG			17	5/30/19	190-02291-02		6
	P172D			43	11/16/20	190-02291-68		1
	175A (S/N 56239 thru 56777)			73	5/4/22	190-02291-96		1
	175B (S/N 17556778 thru 17557002)			80	3/1/23	190-02291-0C		1
	175C (S/N 17557003 thru 17557119)							
<b>Textron Aviation Inc. (Textron Aviation Inc.)</b> [Cessna]	210D, 210E, 210F, T210F	3A21	CAR 3 FAR 23	57	6/16/21	190-02291-81		1
	210G, T210G, 210H, T210H, 210J, T210J			36	6/30/20	190-02291-57		1
	210K, T210K, 210L, T210L, 210M, T210M, 210N, T210N			9	10/16/18	190-02291-14		1
<b>Textron Aviation Inc. (Textron Aviation Inc.)</b> [Cessna]	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3 FAR 23	12	3/7/19	190-02291-23		1
	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K			5A6				
<b>Textron Aviation Inc. (Textron Aviation Inc.)</b> [Beechcraft]	A45 (T-34A, B-45), D45 (T-34B)	5A3	CAR 3	82	7/21/23	190-02291-0F		1



U.S Department of  
Transportation  
Federal Aviation  
Administration

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

Form Approved  
OMB No. 2120-0020  
2/28/2011

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. 1421). 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 N7235E		Serial No. E-2252	
	Make Beech		Model A36	Series
2. Owner	Name (As shown on registration certificate) MARR, LANCE T.		Address (As shown on registration certificate) Address <u>3109 NE 19<sup>th</sup> Ave.</u> City <u>Portland</u>	State <u>OR</u>
			Zip <u>97212</u>	Country <u>USA</u>

**3. For FAA Use Only**

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 <u>Greg Lehman</u> Address <u>1250 NW Perimeter Way</u> City <u>Troutdale</u> Zip <u>97060</u>		<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Manufacturer <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificate No. <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization		
State <u>OR</u> Country <u>USA</u>		2491728		

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	<input type="checkbox"/>	Signature/Date of Authorized Individual <u>8/17/2023</u> <u>G. Lehman</u>
---	--------------------------	--

**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	<input type="checkbox"/> FAA Fit Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Maintenance Organization	<input type="checkbox"/> Person Approved by Canadian Department of Transport
	<input type="checkbox"/> FAA Designee	<input type="checkbox"/> Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. <u>2491728</u>		Signature/Date of Authorized Individual <u>08/17/2023 G. Lehman</u> <u>G. Lehman</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.)*

N7235E

08/17/2023

Nationality and Registration Mark

Date

Removed Bendix/King KMA24 audio selector, Bendix/King KY196 & Bendix/King KX155. Installed PS Engineering PMA450C audio selector/6-place intercom, part number 050-450-0901 in place of the KMA24. Installed per AC43.13-2, Chapter 2, paragraph 23. Installed per PS

Engineering Installation Operators Manual p/n 200-450-0800, dated July 2022. Interfaced the new audio panel to the existing aircraft radios IAW the above noted installation manual and in compliance with practices listed in AC43.13-2, Chapter 2. All wires are Mil-Spec 22759 or 27500. Power is supplied to the unit through a replaced 5A circuit breaker.

Installed Trig Avionics TY96A COM radio in place of the removed KY196, p/n 01788-00-01, IAW Trig Installation Manual 01238-00-AM dated 3 May 2021 and Peregrin STC# SA01835WI. The new radio was installed using the existing wire & circuit breaker.

Installed Trig Avionics TX56A NAV/COM radio in place of the removed KX155, p/n 01955-00-01, IAW Trig Installation Manual 01776-00-01-AD dated 5 April 2022. The new radio was installed using the existing wire & circuit breaker. Negligible change in electrical load and weight and balance. This alteration was performed IAW AC43.13-1B, Chapter 11, Section 4 Paragraph 11-47, Section 5 Paragraph 11-66, Section 9 Paragraph 11-115 thru 11-118 and 11-120, Section 10 Paragraph 11-135 thru 11-139, Section 11, Paragraph 11-146, Section 12 Paragraph 11-55 thru 11-159 and AC43.13-2B Chapter 2 Sections 200 thru 203C and Section 207 A thru F. The VHF Com radios are compliant with TSO C169a, VHF Radio Communications Transceiver Equipment Operating Within Radio Frequency Range 117.975 To 137.000 Megahertz and TSO C128a, Equipment That Prevents Blocked Channels Used In Two-Way Radio Communications Due To Unintentional Transmissions. The TX56A and TX57A are also certified to ETSO-2C169a, 2C128, 2C34f, 2C36f and 2C40c.

A copy of the operation instructions (PS Engineering document 202-450-800, Trig documents 01239-00-AC & 01775-00-AC) were provided to the aircraft owner.

This aircraft has been inspected in accordance with current CFRs and found to be airworthy with respect to the work performed.

Additional Sheets Are Attached



US Department  
of Transportation  
Federal Aviation  
Administration

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

Form Approved  
ONB 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 <b>N7235E</b>	Serial No. <b>E-2252</b>
	Make <b>BEECH</b>	Model <b>A36</b>
2. Owner	Name (As shown on registration certificate) <b>Lance Marr</b>	Address (As shown on registration certificate) <b>2534 NE 13TH AVE PORTLAND, OREGON 97212-4146</b>

3. For FAA Use Only

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

**6. Conformity Statement**

A. Agency's Name and Address <b>Pacific Coast Avionics Corporation 22783 Airport Road NE Aurora Oregon, 97002</b>	B. Kind of Agency <b>U.S. Certificated Mechanic</b>	Manufacturer
	<b>Foreign Certificated Mechanic</b>	<b>OPXR455L</b>
	<b>XXX Certificated Repair Station</b>	
	<b>Certificated Maintenance Organization</b>	

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	<input type="checkbox"/>	Signature/Date of Authorized Individual   <b>Benjamin Anderson</b>	<b>12/2/21</b> December 2, 2021
---	--------------------------	--	------------------------------------

**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 Fit. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Transport Canada Airworthiness Group
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. <b>OPXR455L</b>	Signature/Date of Authorized Individual   <b>Benjamin Anderson</b>	<b>12/2/21</b> December 2, 2021
---	--	------------------------------------

**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 aircraft nationality and registration mark and date work completed.)*

N7235E

December 2, 2021

Nationality and Registration Mark

Date

**Description of Type Design Change:**

Installation of Garmin dual GI 275 Electronic Flight Instrument system in accordance with FAA approved Garmin STC SA02658SE and Master Documents List 005-01208-41 Rev 14, dated Oct 202, or later FAA approved revision.

Installation of Whelen 650E Green NAV Strobe Light and Red NAV Strobe Light in accordance with FAA approved Whelen STC SA800EA, or later FAA approved revision.

The FAA approved Garmin GI 275 Airplane Flight Manual Supplement 190-02246-12 Rev 7, dated Oct 2021; is required for in flight operation of the systems when installed and have been placed in the Aircraft.

**Alteration Notes:**

Removed Bendix/King KI 256 Flight Command Indicator s/n 16049, Bendix/King KI 525A HSI s/n 24231, Bendix/King KG 102A Remote Gyro s/n 10772, Bendix/King KA 51B Slaving Accessory s/n 4210, RAPCO Vacuum Pump s/n B40628, Tempest Air Filter, secondary Tempest Air Filter, Vacuum Regulator, American instrument Vacuum Gauge s/n 6591, Avionics International Remote Switch Unit s/n 375, and all associated installation kits, trays and wiring to facilitate other maintenance.

The Garmin dual GI 275 Electronic Flight Instrument system has been installed which consists of GI 275 ADI installed in place of removed KI 256 Flight Command Indicator in the instrument panel at F.S. 56, GI 275 HSI installed in place of removed KI 252A HSI in the instrument panel at F.S. 56, GTP 59 OAT Probe installed on inspection panel in left empennage at F.S. 263, BNC Glareshield GPS Antenna installed at F.S. 50, and GMU 11 Magnetometer installed in the left wing tip at F.S. 112. The GI 275 ADI, GTP 59 OAT Probe, and GMU 11 Magnetometer receive power from the Main buss using a newly installed 5 amp Klixon 7274-2-X series circuit breaker labeled "ADI". The GI 275 HSI receives power from the Avionics buss using a newly installed 5 amp Klixon 7274-2-X series circuit breaker labeled "HSI". The GI 275 system was installed, inspected, configured and tested IAW the FAA approved Garmin GI 275 document 190-02246-10 Rev 11, dated Oct 2021 approved under STC SA02658SE.

The Whelen 650E Green NAV Strobe Light has been installed on the right wingtip at F.S. 58 as a direct replacement for OEM NAV Strobe Light and uses existing circuit breaker values and labeling. The 650E was installed, inspected, configured and tested IAW the FAA approved Whelen 650E document Form No. 1474B approved under STC SA800EA.

The Whelen 650E Red NAV Strobe Light has been installed on the left wingtip at F.S. 58 as a direct replacement for OEM NAV Strobe Light and uses existing circuit breaker values and labeling. The 650E was installed, inspected, configured and tested IAW the FAA approved Whelen 650E document Form No. 1474B approved under STC SA800EA.

The aircraft weight and balance, equipment list, and flight manual have been amended to reflect changes made to the aircraft. An electrical load analysis required by 14 CFR 23.1351(a)(2) was performed in accordance with AC 43.13-2B, Chapter 2, paragraph 208(b) and ASTM F2490-05 and the continuous load of the alternator system was found not to exceed 80% of its capacity.

**Instructions for Continued Airworthiness:**

The FAA approved Garmin GI 275 Instructions for Continued Airworthiness 190-02246-11 Rev 4, dated July 2021, and The FAA approved Whelen 650E Instructions for Continued Airworthiness Form No. 1474B have been included with the aircraft maintenance records.

-----  
-End-



US Department  
of Transportation  
**Federal Aviation  
Administration**

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

Form Approved  
ONB 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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N7235E</b>	Serial No. <b>E-2252</b>
	Make <b>BEECH</b>	Model <b>A36</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>MARR LANCE T</b>	Address (As shown on registration certificate) <b>2534 NE 13TH AVE PORTLAND, OREGON 97212-4146</b>

**3. For FAA Use Only**

<b>4. Type</b>		<b>5. Unit Identification</b>		
Repair	Alteration	Unit	Make	Model
	XXX	AIRFRAME	_____	(As described in item 1 above)
		POWERPLANT		
		PROPELLER		
		APPLIANCE	Type	
			Manufacturer	

**6. Conformity Statement**

A. Agency's Name and Address <b>Pacific Coast Avionics Corporation 22783 Airport Road NE Aurora Oregon, 97002</b>	B. Kind of Agency		C. Certificate No. <b>OPXR455L</b>
	U.S. Certificated Mechanic		
	Foreign Certificated Mechanic		
	XXX Certificated Repair Station		
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	<input type="checkbox"/>	Signature/Date of Authorized Individual <b>Jason Wallace</b>	<b>February 12, 2020</b>
---	--------------------------	---	--------------------------

**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	Person Approved by Transport Canada Airworthiness Group
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. <b>OPXR455L</b>	Signature/Date of Authorized Individual <b>Jason Wallace</b>	<b>February 12, 2020</b>
---	---	--------------------------

**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 aircraft nationality and registration mark and date work completed.)*

N7235E	February 12, 2020
--------	-------------------

Nationality and Registration Mark	Date
-----------------------------------	------

**Description of Type Design Change:**

Installation of the Garmin GA 35 WAAS GPS Antenna in accordance with FAA approved Garmin STC SA02018SE-D and Master Documents List 005-00638-01 Rev 4, dated Feb 2012, or later FAA approved revision.

Installation of the Garmin GNX 375 Navigation System and ADS-B In/Out Transponder in accordance with FAA approved Garmin STC SA02636SE and Master Documents List 005-01206-A1 Rev 7, dated Oct 2019, or later FAA approved revision.

The Garmin GNX 375 Airplane Flight Manual Supplement 190-02207-A3 Rev 2, dated May 2019 is required for in flight operation of this unit and has been placed in the Aircraft.

**Alteration Notes:**

Removed Bendix/King KI 227 ADF Indicator s/n 18435, Bendix/King KR 87 ADF Control Head s/n 22914, Bendix/King KT 76A Transponder s/n 14480, Bendix/King KLN 90B GPS s/n 81009, Bendix/King KA 91 GPS Antenna s/n 1496, Honeywell International KA 60 DME Transponder Antenna, and all associated installation kits, trays and wiring to facilitate other maintenance.

The Garmin GA 35 WAAS GPS Antenna has been installed at F.S. 91. The GA 35 was installed and tested IAW the FAA approved Garmin GA 35 document 190-01284-00 Rev D, dated Feb 2012 approved under STC SA02018SE-D.

The Garmin GNX 375 Navigation System and ADS-B In/Out Transponder has been installed in the instrument panel at F.S. 42. It receives power from the Avionics buss using a newly installed 5 amp Klixon 7274-2-X series circuit breaker labeled TRANSPONDER. The GNX 375 was installed, inspected, configured and tested IAW the FAA approved Garmin GNX 375 document 190-02207-A4 Rev 6, dated Oct 2019 approved under STC SA02636SE. The installed Garmin GNX 375 with internal GPS Position Source was shown to meet the equipment performance specifications of 14 CFR 91.227.

The aircraft weight and balance, equipment list, and flight manual have been amended to reflect changes made to the aircraft. An electrical load analysis required by 14 CFR 23.1351(a)(2) was performed in accordance with AC 43.13-2B, Chapter 2, paragraph 208(b) and ASTM F2490-05 and the continuous load of the alternator system was found not to exceed 80% of its capacity.

**Instructions for Continued Airworthiness:**

The FAA approved Garmin GA 35 Instructions for Continued Airworthiness 005-00638-09 Rev 3, dated Feb 2012 and Garmin GNX 375 Instructions for Continued Airworthiness 190-02207-A2 Rev 2, dated Jun 2019 have been included with the aircraft maintenance records.

-----End-----

Additional Sheets Are Attached



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

Wfog D

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 civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make BEECH	Model A36
	Serial No. E-2252	Nationality and Registration Mark N7235E
2. Owner	Name (As shown on registration certificate) KURT J PETRIE LLC	Address (As shown on registration certificate) 1314-B CENTER DR # 720 MEDFORD, OR, 97501-7941
3. For FAA Use Only		

4. Unit Identification			5. Type	
Unit.	Make	Model	Serial No.	Repair
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.
CRUISEAIR AVIATION INC 2428 MONTECITO RD RAMONA CA 92065		<input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	LF3R655L

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 2-10-04	Signature of Authorized Individual	
-----------------	------------------------------------	--

**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 Fit. Standards Inspector	X	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee		Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 2-10-04	Certificate or Designation No. LF3R655L	Signature of Authorized Individual
--	--	------------------------------------

## 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.*

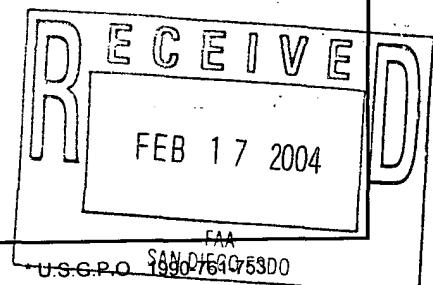
### 8. Description of Work Accomplished

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

1. Installed L. P. Aero Plastics, Inc. windshield in accordance with STC SA992NE and L. P. Aero Plastics, Inc. single piece extra thick windshield installation drawing list No. 269/CON, Revision 4 dated 4-28-01.
2. Installed B&C Specialty Products BC410-1 Standby Alternator in accordance with STC SA00724WI and B&C Specialty Products, Inc. Master Drawing No. 410LST1.DOC, Rev G, dated 1-27-00 and Document No. FMS410-2, FAA Approved Airplane Flight Manual Supplement, dated 6-26-00.
3. Installed Atlantic Aero stainless steel exhaust system p/n 19593002 in accordance with STC SA02314AT-D and Atlantic Aero, Inc. master drawing list 19593001. Rev B. dated 1-10-02.
4. Weight and Balance updated.

//////////END//////////

Additional Sheets Are Attached





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

WPOY SJ

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 civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make BEECH	Model A36
	Serial No. E-2252	Nationality and Registration Mark N7235E
2. Owner	Name (As shown on registration certificate) KURT J PETRIE LLC	Address (As shown on registration certificate) 1314-B CENTER DR # 720 MEDFORD OR 97501-7941

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		B. Kind of Agency		C. Certificate No.	
CRUISEAIR AVIATION INC 2428 MONTECITO RD RAMONA CA 92065		U.S. Certificated Mechanic		LF3R655L	
		Foreign Certificated Mechanic			
		X Certificated Repair Station			
		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 2-23-01	Signature of Authorized Individual		
-----------------	------------------------------------	--	--

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	X	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-01		Certificate or Designation No. LF3R655L		Signature of Authorized Individual		

**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. Install Eagle main fuel quick drains in accordance with STC SA01110CH and installation instructions called out in Eagle Technologies Company Drawing list No. 70DLB, dated 10-16-99.
2. Weight and balance negligible.

-----END-----



Additional Sheets Are Attached



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

Form Approved  
 OMB No. 2120-0020

For FAA Use Only

Office Identification  
*SW-17*

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 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make <b>BEECHCRAFT</b>	Model <b>A-36</b>
	Serial No. <b>E-2252</b>	Nationality and Registration Mark <b>N7235E</b>
2. Owner	Name (As shown on registration certificate) <b>JOHN P. SHOFFNER</b>	Address (As shown on registration certificate) <b>119 SHELL DRIVE EMERALD ISLE, NC. 28594</b>

**3. For FAA Use Only**

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

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.
DIALCO, INC. RT 2, R45 MERCEDES, TX 78570		U.S. Certificated Mechanic		D7LR466N LIMITED AIRFRAME
		Foreign Certificated Mechanic		
		X Certificated Repair Station		
		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	Signature of Authorized Individual		
12/23/96	<i>David Biggerstaff</i> <b>DI-07</b> DAVID BIGGERSTAFF		

**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 Flt. 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 <b>12/23/96</b>		Certificate or Designation No. <b>D7LR466N</b>	Signature of Authorized Individual <i>David Biggerstaff</i> <b>DI-07</b> DAVID BIGGERSTAFF	

## 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.)

THIS IS THE BACK SIDE OF FAA FORM 337 DATED 12/23/96 FOR BEECHCRAFT MODEL A-36 S/N E-2252 N#7235E HOBBS TIME; 1936.9 CONSISTS OF THE FOLLOWING INSTALLATION AS FOLLOWS:

- 1.) INSTALLATION OF BERYL D' SHANNON AVIATION SPECIALTIES, INC. FIBERGLASS TIP TANKS (15 GALLON RB4-100, REFERENCE S.T.C. SA283EA AND SA134EA) AND FUEL TRANSFER SYSTEMS IN ACCORDANCE WITH BERYL D, SHANNON AVIATION SPECIALTIES S.T.C. SA153EA KIT KB1401 S/NB043089-353&244, REV.E DATED 05/19/77 OR LATER F.A.A. APPROVED REVISION.
- 2.) INSTALLED AILERON AND WING FLAP GAP SEALS IN ACCORDANCE WITH D' SHANNON PRODUCTS S.T.C. SA117SO DRAWING B6300, REVISION A, DATED 10/8/80 OR LATER APPROVED REVISION. KIT S/N GAP102196-004
- 3.) INSTALLED VORTEX GENERATORS ON WING UPPER SURFACE AND VERTICAL STABILIZER IN ACCORDANCE WITH J.V.E., INC. S.T.C. SA09074SC MASTER DRAWING LIST JVE-500, REVISION 2, DATED 08/21/95, AND INSTALLATION MAUAL JVE-0494, DATED 01/24/94 OR LATER F.A.A. APPROVED REVISIONS. KIT S/N VGS060396-008

ALL PERTAINANT INFORMATION WAS INSERTED INTO A.F.M./P.O.H. AND NEW WEIGHT AND BALANCE WAS COMPUTED.

\*\*\*\*\*END\*\*\*\*\*

MGR	AO	ASPLI	I AM	SEC	PASS	AMER
OPS				AW AS4		AWS
ORT	OP6				W6	AW1
OP2	C		JAN 6 1997		W7	AW2
OP3	OP				W8	AW3
OP4	OP9	A11			AW9	AW4
OP5	OP10	AV2			AW10	AW5

10-10

10-10

Additional Sheets Are Attached



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

*RECEIVED*  
*DEC 12 1996*

Form Approved  
 OMB No. 2120-0020

For FAA Use Only *672*

Office Identification

**SO-FSDO-03**

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 <b>BEECH</b>	Model <b>A-36</b>
	Serial No. <b>E 2252</b>	Nationality and Registration Mark <b>N7235E</b>
2. Owner	Name (As shown on registration certificate) <b>John P Shoffner</b>	Address (As shown on registration certificate) <b>119 Shell Dr. Emerald Isle NC 28594</b>

**3. For FAA Use Only**

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

**6. Conformity Statement**

A. Agency's Name and Address  Stevens Aviation Inc. PO Box 9359 Knoxville, TN 37940-0359	B. Kind of Agency		C. Certificate No.  <b>VIB2368K</b>	
	<input type="checkbox"/> U.S. Certified Mechanic			
	<input type="checkbox"/> Foreign Certified 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 <b>12-4-96</b>	Signature of Authorized Individual <i>William L Marcus</i>		
------------------------	---	--	--

**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 Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>12-4-96</b>	Certificate or Designation No. <b>VIB2368K</b>	Signature of Authorized Individual <i>William L Marcus</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.*

20000125100

### B. Description of Work Accomplished

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

BEECH A-36 N7235E S/N E-2252

Installed J P Instruments EGT-701 Temperature Indicator ( s/n 7051)

Unit installed in accordance with manufacturer's Installation Manual #103, Revision A, and STC# SA2586NM Revision 6, dated November 09, 1995.

All connectors, Probes, hardware, and wire harness furnished with instalation kit.

Installed FAA Approved Flight Manual Supplement for J P Instruments EGT-701 and EDM-700 Pilots Guide.

Installation accomplished in accordance with A.C. 43-13-1A, Chapter 11, Sections 1, 2, 3, 4, and 7; Chapter 13, Paragraphs 659 and 662; Chapter 15, Sections 1 and 2; Chapter 16, Paragraphs 880, 882, and 894, and A.C. 43-13-2A, Chapter 11, Paragraphs 212 and 213.

Equipment list revised, weight and balance computed, Log Book entry made and compass checked. Ground and flight operational test of all systems made and noted.

\*\*\*\*END\*\*\*\*

New Empty Wieght 2457.71

New CG 80.39

New Useful Load 1192.29

Additional Sheets Are Attached

FAA



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

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification  
50-F5D0-43

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 BEECH	Model A-36
	Serial No. E-2252	Nationality and Registration Mark. N7235E
2. Owner	Name (As shown on registration certificate) JOHN P. SHOFFNER	Address (As shown on registration certificate) 119 SHELL DR. EMERALD ISLE NC 28594

### 3. For FAA Use Only

The data identified herein complies with applicable airworthiness requirements and is approved for the described aircraft subject to a conformity inspection by a person authorized in FAR 43, Section 43.7

11-26-96

Date

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. PO Box 9359 Knoxville, TN 37940-0359	B. Kind of Agency  <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No.  VIB2368K
--	--	------------------------------------

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 12-3-96	Signature of Authorized Individual 
-----------------	--

### 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 12-4-96	Certificate or Designation No. VIB2368K	Signature of Authorized Individual 
--	--	--

## 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.*

### B. Description of Work Accomplished

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

BEECH A-36 N7235E S/N E-2252

Removed Bendix/King KLN 90 GPS P/N 066-04031-0010 and installed Bendix/King KLN 90B GPS P/N 066-04031-2121 S/N 81009 in same location (fifth unit down in center avionics panel, station 53.0). Installed EATON Series 582 Switch/Annunciators required for IFR En Route, Terminal Area, and Non-Precision Approach in pilots Instrument panel above Altimeter. Installed CDI switching unit model # AIS 200-35 on the forward avionics shelf at station 50.0.

AIS 200-35 installed in accordance with Avionics International Supply CDI Switching Unit model # 200-35 Installation Manual Revision 1.00 dated 12/29/94. Installed CDI Switching Unit Model # 200-35 Aircraft Flight Manual Supplement, Revision 1, dated 12/29/94.

Bendix/King KLN 90B GPS P/N 066-4031-2121 and Eaton Series 582 Switch/Annunciators installed in accordance with AlliedSignal Bendix/King Installation Manual P/N 066-10521-0002 Revision 2, February 1995.

System can be coupled to Bendix/King KFC 150 Automatic Flight Control System via the NAV/GPS Switch/Annunciator.

Bendix/King KLN 90B GPS previously approved under STC# SA00241WI-D, dated 2/1/95, issued to AlliedSignal Avionics.

Bendix/King KLN 90B GPS is approved for VFR and IFR En Route, Terminal Area, and Non-Precision Approach Navigation and was installed and tested in accordance with A.C. 20-138, Paragraphs 6.a.; 8.c.(2)(i); 8.c.(2)(iii); 8.c.(2)(iv); and the guidelines of A.C. 20-138 Appendix 1.

Installation accomplished per A.C. 43-13-1A, Chapter 5, Paragraphs 228, 230, and 231; Chapter 11, Sections 1, 2, 3, 4, and 7; Chapter 13, Paragraphs 659 and 662; Chapter 15, Sections 1, 2, 3, 4, 5, and Section 6, Paragraph 842; and A.C. 43-13-2A. Chapter 2, Paragraphs 21, 22, 23, and 27.

All connectors furnished by the equipment manufacturers in accordance with installation drawings and respective TSO's.

Equipment list revised, weight and balance computed, Log Book entries made, and compass checked. Ground and flight operational test of all systems made and noted.

Work accomplished under WO# 20033. All pertinent details on file with this agency.

\*\*\*END\*\*\*

New Empty Weight	2457.71
New CG	80.39
New Useful Load	1192.29

RECEIVED  
DEC 12 1996

FAA  
SO-FSDO-03

Additional Sheets Are Attached

★ U.S. G.P.O. 1990-761-753



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

*RECEIVED*

NOV 07 1996

Form Approved  
 OMB No. 2120-0020 *YES*  
 For FAA Use Only  
 Office Identification  
**SU-FSDO-03**

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 BEECH	Model A-36
	Serial No. E-2252	Nationality and Registration Mark N7235E
2. Owner	Name (As shown on registration certificate) John P. Shoffner	Address (As shown on registration certificate) 119 Shell Dr. Emerald Isle, NC 28594

**3. For FAA Use Only**

**4. Unit Identification**

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

**6. Conformity Statement**

A. Agency's Name and Address  STEVENS AVIATION INC POBOX 9359 KNOXVILLE, TN 37940-0359	B. Kind of Agency  U.S. Certified Mechanic Foreign Certified Mechanic <input checked="" type="checkbox"/> Certificated Repair Station Manufacturer	C. Certificate No.  VIB2368K
--	---	------------------------------------

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 November 4, 1996      Signature of Authorized Individual  
*Tom E. Atchley* /Tom E. Atchley

**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 Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection November 4, 1996      Certificate or Designation No. VIB2368K      Signature of Authorized Individual  
*Tom E. Atchley* /Tom E. Atchley

## 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.*

### B. Description of Work Accomplished

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

Beech

A-36

N7235E

s/n E-2252

Removed six (6) TCM fuel nozzles P/N 627335D 13-B and installed General Aviation Modification, Inc. GAMInjectors Kit No. GAD 13B S/N 1184 STC No. 09217SC PMA No. PQ 821SW per GAMInjectors Installation Procedure No. IP-96-001 ( Rev 004) dated September 25 , 1996. No change in weight and balance

\*\*\*END\*\*\*

PTRS ID: S0039701845

Additional Sheets Are Attached

★ U.S. G.P.O. 1990-761-753

RECEIVED

NOV 01 1995



US Department  
of Transportation  
Federal Aviation  
Administration

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

FAA  
SO-FSDO-03Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

SO-FSDO-03 Rec

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 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make Beechcraft	Model A36 Bonanza
	Serial No. E-2252	Nationality and Registration Mark N7235E
2. Owner	Name (As shown on registration certificate) John P. Shoffner	Address (As shown on registration certificate) 119 Shell Drive Emerald Isle, NC 28594

## 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	B. Kind of Agency	C. Certificate No.
Stevens Aviation, Inc. P. O. Box 2664 Knoxville, TN 37901	<input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	VIB2368K

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	Signature of Authorized Individual		
October 30, 1995	<i>Tim Johnson</i> /Tim Johnson		

## 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		Certificate or Designation No.	Signature of Authorized Individual		
Oct. 30, 1995		VIB2368K	<i>Tom Duncan</i> /Tom Duncan		

## 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.)*

Beechcraft

A36

N7235E

S/N E-2252

Installed Spacecraft Machine Products S.T.C. #SA4899NM  
Upper Hinge Bracket SMP-100 and STC #SA5870NM Middle Hinge  
Bracket SMP-101 in accordance with SMP Master Drawing List,  
SMP-100, Rev. A, dated July 17, 1990 and SMP-11 dated  
December 1, 1992. Both Rudder Hinge Brackets installed in  
accordance with STC Instructions with reference to A.C.  
43.13-1A, Chapter 5, Section 1 (Hardware) and Chapter 13,  
Paragraph 659. Weight and balance computed and installed  
in logbook and flight manual.

- END -

Additional Sheets Are Attached

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

Number **SA4899NM**

This certificate, issued to **Spacecraft Machine Products**

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 3\* of the Civil Air Regulations. \* See Aircraft Specification No. 3A15 for complete Certification Basis

**Original Product—Type Certificate Number: 3A15**

**Make: Beech Aircraft Corporation**

**Model: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, G33, F33A, F33C, 36, A36, A36TC, B36TC Airplanes**

**Description of Type Design Change:**

Installation of Upper Rudder Hinge Bracket in accordance with Spacecraft Machine Products Master Drawing List SMP-100, Rev. A, dated July 17, 1990.

**Limitations and Conditions:**

- 1) This STC does not relieve any AD requirements.
- 2) This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this change and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the 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: April 16, 1990**

**Date reissued:**

**Date of issuance: August 28, 1990**

**Date amended:**



*Acting* **By direction of the Administrator**  
**William L. Thompson**  
(Signature)  
**Manager, Los Angeles 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.**

FAA Form 8110-2 (10-68)

**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 SA587ONM

This certificate, issued to Space Machine Products  
23880 Madison Street  
Torrance, CA 90505

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: Beech Aircraft Corporation

Model: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33,  
E33A, E33C, F33, G33, F33A, F33C, 36, A36,  
A36TC, B36TC Airplanes

Description of Type Design Change: Installation of Middle Rudder Hinge Bracket in  
accordance with Spacecraft Machine Products Master Drawing List SMP-101, Rev. N/C,  
dated November 9, 1992.

Limitations and Conditions: The approval of this installation does not relieve any AD  
requirements. This installation should not be incorporated in any aircraft unless  
it is determined that the interrelationship between this change and any previously  
approved configuration will not introduce any adverse effect upon the airworthiness  
of the aircraft.

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

Date of application: June 17, 1992

Date issued

Date of issuance: December 7, 1992

Date intended



*Michael W. G. Lam*

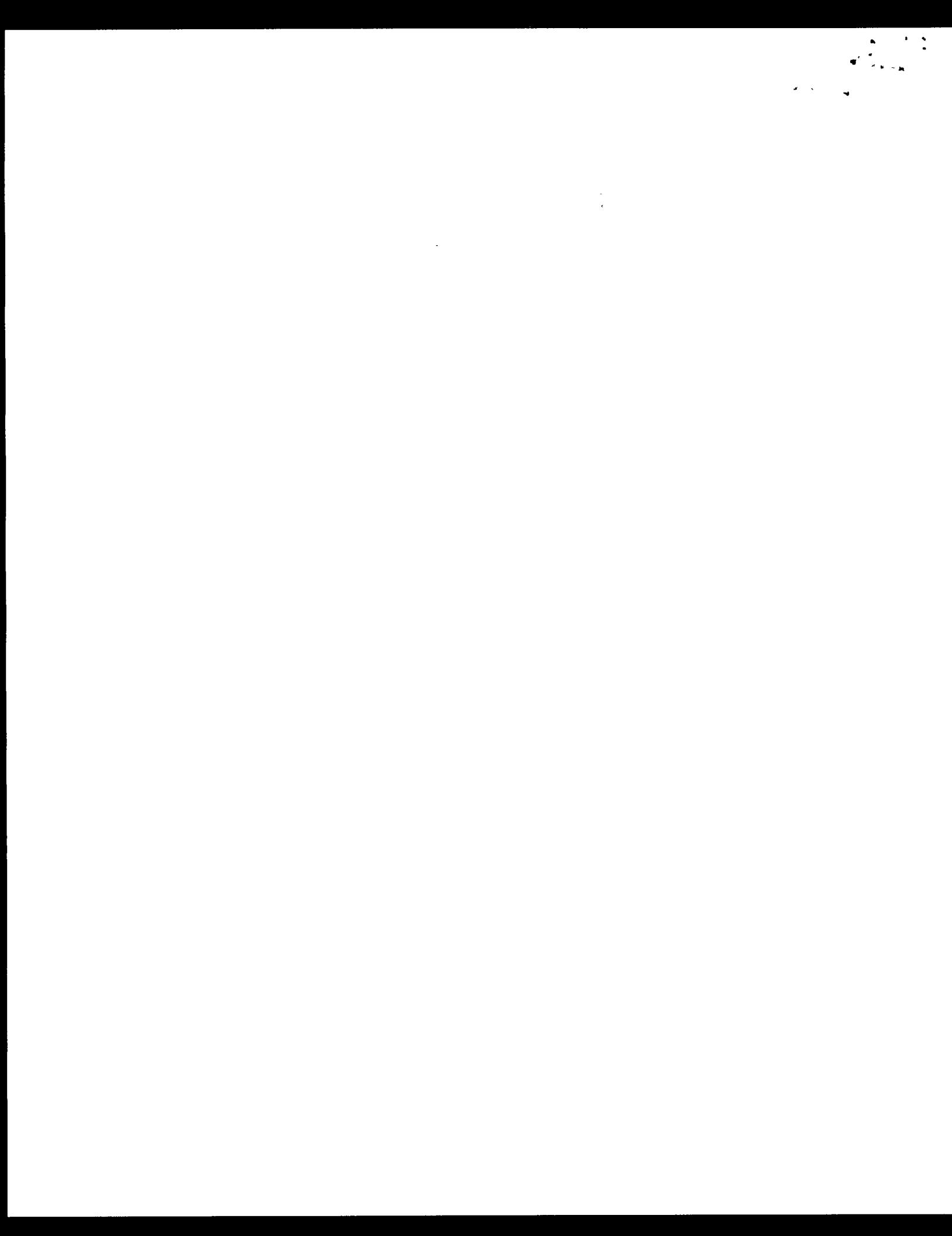
(Signature)

Manager, Airframe Branch  
Los Angeles 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  
AdministrationMAJOR REPAIR AND ALTERATION  
(Airframe, Powerplant, Propeller, or Appliance)Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

ASO FSPD - 03

INSTRUCTIONS: Print or type all entries. See FAR 43.8, 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 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make Beech	Model A36 Bonanza
	Serial No. E-2252	Nationality and Registration Mark N7253E
2. Owner	Name (As shown on registration certificate) John Shoffner	Address (As shown on registration certificate) 1313 Gloucester Avenue Middlesboro, Kentucky 40831
3. For FAA Use Only		
4. Unit Identification		
Unit	Make	Model
AIRFRAME	(As described in Item 1 above)	
POWERPLANT		
PROPELLER		
APPLIANCE	Type	
	Manufacturer	
5. Type		
	Repair	Alteration
		X
6. Conformity Statement		
A. Agency's Name and Address		B. Kind of Agency
Stevens Aviation, Inc. P.O. Box 2664 Knoxville, TN 37901		U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer
		VIB2368K Limited Airframe Rating
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 23, 1993	Signature of Authorized Individual Theodore Campbell /Theodore Campbell	
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 FAA Designee X	Manufacturer Repair Station
		Inspection Authorization Person Approved by Transport Canada Airworthiness Group
Date of Approval or Rejection May 23, 1993	Signature of Authorized Individual Theodore Campbell /Theodore Campbell	

**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.)*

Installed PS Engineering Model PM 1000 Intercom (S/N K04319-G) with four ICS Stations and music input.

Installation was in accordance with manufacturer's wiring and installation diagrams.

Installation accomplished per A.C. 43-13-1A, Chapter 5, Chapter 11, Sections 1, 2, 3, 4, 5 and 7; Chapter 13; Chapter 15, Sections 1, 2, 3, 4, 5, 6 and A.C. 43-13-2A, Chapters 2 and 3.

Equipment list revised, weight and balance computed, log-book entries made and compass checked. Ground and flight test of all systems made and noted.

Work accomplished under W.O. # R-1893. All pertinent details on file with this agency.

- END -

RECEIVED  
FAA  
JUN 25 1993  
TN FSU  
Nashville, Tennessee

Additional Sheets Are Attached



U.S. Department  
of Transportation  
Federal Aviation  
Administration

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

Form Approved  
GMP-N-2000-2000

For Endorsement

**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 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make <b>BEECHCRAFT</b>	Model <b>A-36</b>
	Serial No. <b>E-2252</b>	Nationality and Registration Mark <b>N7235E</b>
2. Owner	Name (As shown on registration certificate) <b>SHOFFNER, JOHN P.</b>	Address (As shown on registration certificate) <b>119 SHELL DR. EMERALD ISLE, N.C. 28594</b>

**3. For FAA Use Only**

THE BURGESS GROUP OF FOSSILS FROM THE MAMMOTH SPRINGS LOCALITY, IDAHO, AND THE MAMMOTH SPRINGS LOCALITY, MONTANA

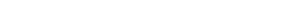
PRIMA VOLTA TAVOLATA DAL GIA' DI FRANCESCO GIOVANNI, 1770.

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>EPPS AVIATION, INC. DEKALB/PEACHTREE AIRPORT ATLANTA, GA. 30341</b>	B. Kind of Agency <input checked="" 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. <b>ESMR688D</b>
--	---	---------------------------------------

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 <u>1/29/93</u>	Signature of Authorized Individual 
------------------------	--

I attest 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 1/29/93		Certificate or Designation No ESN 100000	Signature of Authorized Individual <i>Tim J. Dernach</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.)

THE FOLLOWING ALTERATIONS WERE ACCOMPLISHED UNDER WORK ORDER A3069.

EQUIPMENT INSTALLED IN SPACE PROVIDED BY AIRCRAFT MANUFACTURER:

MGFR.	DESC.	P/N	S/N	INSTALL MAN.	REV.	F.S.
B/KING	KLN-90	066-04031-0101	1462	006-0666-01	.1	51.0
B/KING	KA-91	071-1545-100	1496	"	"	83.0

THE UNITS LISTED ABOVE INSTALLED I/A/W REFERENCED MANUALS; ALSO I/A/W AIRCRAFT MANUFACTURER'S MAINTENANCE MANUALS.

THE ABOVE ALTERATIONS MEET THE REQUIREMENTS OF ADVISORY CIRCULAR AC 43.13-1A/2A AND AC-20-121A, RELATING TO VFR-ONLY INSTALLATION.

THE KLN-90 IS COUPLED TO THE PILOT'S HSI AND AUTOPILOT THROUGH RELAY SWITCHING BETWEEN #1 VOR AND GPS. THE INSTRUMENT PANEL IS PLACARDED "GPS NOT APPROVED FOR IFR OPERATION"

THE ALTERATION LISTED IN THE ABOVE TABLE WAS INSPECTED, TESTED AND CALIBRATED AND FOUND TO OPERATE AS INTENDED. ALL FUNCTIONS ARE COMPATIBLE TO OTHER AIRCRAFT SYSTEMS.

THE ALTERATION(S) LISTED ABOVE MEETS THE FOLLOWING FAR'S: 21.301, 23.301/305/307, 23.603/607/609/611, 23.1301/1309/1357/1365/1367/1397, 23.1431, & 23.1519/1543/1559 AND APPLICABLE RULES PERTAINING TO THE AIRCRAFT'S CERTIFICATION BASIS.

AIRCRAFT RECORDS, EQUIPMENT LIST WEIGHT & BALANCE, AND LOGBOOKS WERE REVISED I/A/W FAR 43.13 APPENDIX B, AND FAR 91.407.

-----END-----

Additional Sheets Are Attached

No certificate may be issued unless a completed application form has been received (14 C.F.R. -21)

17 Form Approved  
O.M.B. No. 04-R0058

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		INSTRUCTIONS — Print or type. Do not write in shaded areas. Those are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.								
APPLICATION FOR AIRWORTHINESS CERTIFICATE										
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N7235E	2. AIRCRAFT BUILDER'S NAME /Model/ BEECH AIRCRAFT CORP.	3. AIRCRAFT MODEL DESIGNATION A36	4. YR. MFG 1985	5. AIRCRAFT COLOR PAINTED	6. AIRCRAFT IDENTIFICATION N7235E 99999	7. AIRCRAFT IDENTIFICATION N7235E 99999			
	6. AIRCRAFT SERIAL NO. E-2252	8. ENGINE BUILDER'S NAME /Model/ Continental	9. ENGINE MODEL DESIGNATION IO-550-B	10. PROPELLER MODEL DESIGNATION D3A32C409		11. AIRCRAFT IS NEW <input checked="" type="checkbox"/> USED <input type="checkbox"/> IMPORT <input type="checkbox"/>				
	8. NUMBER OF ENGINES 1	9. PROPELLER BUILDER'S NAME /Model/ McCauley								
APPLICATION IS HEREBY MADE FOR: (Check applicable items)										
A <input checked="" type="checkbox"/> X	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)		NORMAL <input checked="" type="checkbox"/>	UTILITY <input type="checkbox"/>	ACROBATIC <input type="checkbox"/>	TRANSPORT <input type="checkbox"/>	GLIDER <input type="checkbox"/>	BALLOON <input type="checkbox"/>		
B <input checked="" type="checkbox"/>	SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)									
II. CERTIFICATION REQUESTED	LIMITED <input type="checkbox"/>	PROVISIONAL (Indicate class)		CLASS I <input type="checkbox"/>	CLASS II <input type="checkbox"/>					
	RESTRICTED (Indicate operation to be conducted)			AGRICULTURE AND PEST CONTROL <input type="checkbox"/>	AERIAL SURVEYING <input type="checkbox"/>	AERIAL ADVERTISING <input type="checkbox"/>				
				FOREST (Wildlife conservation) <input type="checkbox"/>	PATROLLING <input type="checkbox"/>	WEATHER CONTROL <input type="checkbox"/>				
				OTHER (Specify)						
				RESEARCH AND DEVELOPMENT <input type="checkbox"/>	AMATEUR BUILT <input type="checkbox"/>	EXHIBITION <input type="checkbox"/>				
				RACING <input type="checkbox"/>	CREW TRAINING <input type="checkbox"/>	MKT. SURVEY <input type="checkbox"/>				
				TO SHOW COMPLIANCE WITH FAR						
				FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE						
				EVACUATE FROM AREA OF IMPENDING DANGER						
				OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT						
			DELIVERING OR EXPORT <input type="checkbox"/>		PRODUCTION FLIGHT TESTING <input type="checkbox"/>					
C <input checked="" type="checkbox"/>	MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited," as applicable)									
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration)			IF DEALER, CHECK HERE <input checked="" type="checkbox"/>						
	NAME BEECH AIRCRAFT CORPORATION			ADDRESS 9709 East Central Wichita, Kansas 67201						
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)									
	<input checked="" type="checkbox"/>	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) 3A15, Rev. 74	<input checked="" type="checkbox"/>	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give latest AD No.) ISSUE 85-08						
	AIRCRAFT LISTING (Give page number(s)) N/A			SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A						
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS									
	<input checked="" type="checkbox"/>	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFARE HOURS (Enter for used aircraft only) 2:15	<input checked="" type="checkbox"/>	EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) N/A					
	D. CERTIFICATION — I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.									
	DATE OF APPLICATION 5-15-85		NAME AND TITLE (Print or type) A. J. Burroughs — Staff Member Flight Inspection		SIGNATURE <i>A. J. Burroughs</i>					
	IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)								
<input checked="" type="checkbox"/>		FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	<input checked="" type="checkbox"/>	CERTIFIED MECHANIC (Give Certificate No.)	<input checked="" type="checkbox"/>	CERTIFIED REPAIR STATION (Give Certificate No.)				
B. AIRCRAFT MANUFACTURER (Give name of firm)										
DATE 5-15-85		TITLE DISTRICT OFFICE WICHITA MIDO		SIGNATURE <i>A. J. Burroughs</i>						
C. DESIGNEE'S SIGNATURE AND NO. A. J. Burroughs, DOA, PG#8										
V. FAA REPRESENTATIVE CERTIFICATION	D. THE CERTIFICATE REQUESTED AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE									
	E. FAIR INSPECTOR CERTIFICATE HOLDER UNDER: <input type="checkbox"/> FAAC <input type="checkbox"/> FAR 121 OR 127 <input type="checkbox"/> FAR 145									
	DATE 5-15-85		FAA INSPECTOR'S SIGNATURE							

FAA Form 8130-6 (4-80) SUPERSEDES PREVIOUS EDITION

\* U.S. GOVERNMENT PRINTING OFFICE: 675-964/147

Typed by # 9

VI. PRODUCTION FLIGHT TEST	A. MANUFACTURER		
	NAME	ADDRESS	
	B. PRODUCTION BASIS (Check applicable item)		
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number) <input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM		
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS		
	DATE OF APPLICATION	NAME AND TITLE (Print or type)	
	SIGNATURE		
	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER	ADDRESS	
	MAKER	MODEL	
SERIAL NUMBER	REGISTRATION MARK		
B. DESCRIPTION OF FLIGHT			
FROM	TO		
VIA	DEPARTURE DATE		
DURATION			
C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT			
PILOT	CO-PILOT	NAVIGATOR	OTHER (Specify)
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:			
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)			
F. CERTIFICATION — I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.			
DATE	NAME AND TITLE (Print or type)	SIGNATURE	
<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable <input type="checkbox"/> B. Current Operating Limitations Attached <input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required) <input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft <input type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required) <input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records		G. Statement of Conformity, FAA Form 8130-9 (Attach when required) H. Foreign Airworthiness Certification for Import Aircraft (Attach when required) I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached) J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) per 21.273 (Copy attached)	
VIII. AIRWORTHINESS DOCUMENTATION (If a use only)			

AIRCRAFT REGISTRY  
FAA NO. 2 DATE: 1-26-90

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION  
**STANDARD AIRWORTHINESS CERTIFICATE**

1. NATIONALITY AND REGISTRATION NO. 4K5	2. MANUFACTURER AND MODEL <b>SIECH AIRCRAFT CORPORATION</b> 416	3. AIRCRAFT SERIAL NUMBER <b>E-2252</b>	4. CATEGORY <b>UTILITY</b>
--	---	---	-------------------------------

5. AUTHORITY AND DURATION

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions:

**NOTE**

6. TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 25, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

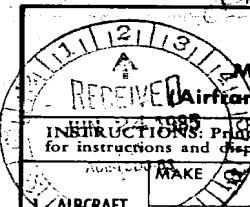
DATE OF ISSUANCE <b>5-15-85</b>	FAA REGIONAL DIRECTOR <i>A. J. Burroughs</i>	DESIGNATION NUMBER <b>DOA, PC#8</b>
------------------------------------	---	--

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

U.S. Government Printing Office - 199-675-58

FAA AIRCRAFT REGISTRY  
CAMERA NO. 2 DATE: 1-26-90

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATIONMAJOR REPAIR AND ALTERATION  
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
Budget Bureau No. 04-R060.1  
FOR FAA USE ONLY  
OFFICE IDENTIFICATION KCI-FSDO  
3-0-63

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.

AIRCRAFT	MAKE	Beachcraft	MODEL	A-36
	SERIAL NO.	E-2252	NATIONALITY AND REGISTRATION MARK	N7235E
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)	
	Topeka Aircraft Sales & Service		Municipal Airport Topeka, KS 66616	

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	B. KIND OF AGENCY	C. CERTIFICATE NO.
Executive Beechcraft, Inc. 10 Richards Rd. Kansas City, MO 64116	<input checked="" type="checkbox"/> U.S. CERTIFIED MECHANIC <input type="checkbox"/> FOREIGN CERTIFIED MECHANIC <input checked="" type="checkbox"/> CERTIFIED REPAIR STATION <input type="checkbox"/> MANUFACTURER	CRS 4314

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	SIGNATURE OF AUTHORIZED INDIVIDUAL	
20 Jun 85	Curtis Bank	

## 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 FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	X	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
20 Jul 85		CRS 4314	Curtis Bank		

**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.)**

A. Installed a King KNS-80 Area Navigation Computer. Units installed as per Mfg. installation manual and in accordance with FAR 43.19.1 and advisory circular 90-45A.

B. Area Navigation approved for IFR "Enroute" and "Approach" categories. See aircraft flight manual for operating information.

C. Aircraft released to service by test flight.

**THE END** ADDITIONAL SHEETS ARE ATTACHED

OFFICE OF AIRCRAFT REGISTRATION  
U.S. AIR FORCE  
U.S. AIR FORCE  
U.S. AIR FORCE  
U.S. AIR FORCE