



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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: N1833D USA	SERIAL NO: CE-952
	MAKE: BEECH	MODEL: F33A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR
		City FRONT ROYAL State VIRGINIA
		Zip 22630-5341 Country USA

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	BEECH	(As described in Item 1 above)	CE-952
<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: On Wing LLC		U. S. Certificated Mechanic	
ADDRESS: 511 Airport Rd		Foreign Certificated Mechanic	
CITY: Winchester	STATE Virginia	<input checked="" type="checkbox"/> Certificated Repair Station	C. Certificate No.
ZIP: 22602	COUNTRY USA	<input type="checkbox"/> Certificated Maintenance Organization	2OWR084C

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 <i>Robert R. Kline</i> 12/27/22
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7. Approval for Return to Service

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

BY	FAA 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: 2OWR084C	Signature/Date of Authorized Individual <i>Robert R. Kline</i> 12/27/22
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NOTICE

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

8. Description of Work Accomplished

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

N1833D

USA

12/27/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of Garmin GTN 750Xi.
2. Description. Removed existing King KR 87 ADF Receiver PN: 066-1072-00 SN: 23472, Allied Signal KA92 GPS Antenna PN: 071-01553-0200 SN:19474, and King KLN 90B GPS PN: 066-04031-1121 SN: 26841. Installed Garmin GTN750Xi PN: 011-04634-00 SN: 5FR005839.
- 3: Control information. Reference Garmin GTN Xi Maintenance Manual PN:190-0107-C1 Rev.2 Section 3 for system operation and self test information.
- 4: Servicing information. The GTN Xi, GMA 35, and Flight Stream 210/510 do not require servicing. In the event of system failure, troubleshoot the GTN Xi, GMA 35, and Flight Stream 210/510 in accordance with Section 5 of the GTN M.M PN: 190-0107-C1 Rev.2
- 5: Maintenance instructions: Reference Garmin GTN Xi Maintenance Manual PN:190-0107-C1 Rev.2 Section 4.2- 4.6.
- 6: Troubleshooting information: Reference Garmin GTN Xi Maintenance Manual PN:190-0107-C1 Rev.2, Section 5.
- 7: Removal/Replace information: Reference Garmin GTN Xi Maintenance Manual PN:190-0107-C1 Rev.2, Section 6.
- 8: Diagram: Reference Garmin GTN Xi Part 23 AML STC Installation Manual PN:190-01007-C0 Rev.6 Section 4 and Appendix A&B.
- 9: Special inspection Requirements: None.
- 10: Application of Special Treatments: None.
- 11: Data: Reference Garmin GTN750Xi STC# SA02019SE-D, Garmin GTN Xi Part 23 AML STC Installation Manual PN: 190-01007-C0 Rev.6, Garmin GTN Xi Maintenance Manual PN:190-0107-C1 Rev.2, AC 43.13-2A and AC 43.13-1B with change 1.
- 12: List of Special tools: Calibrated milliohm meter with an accuracy of +0.1 milliohm or better is required to measure the electrical bonding between the GTN Xi/GMA system components and aircraft ground.
- 13: Commuter Aircraft: Not Applicable.
- 14: Recommended Overhaul Periods: None.
- 15: Approved Airworthiness limitations: There are no new airworthiness limitations associated with this equipment and/or installation.
- 16: Maintenance information ICAs. Revision instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached





US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

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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: N1833D USA	SERIAL NO: CE-952
	MAKE: BEECH	MODEL: F33A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR
		City FRONT ROYAL State VIRGINIA
		Zip 22630-5341 Country USA

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	BEECH	(As described in Item 1 above)	CE-952
<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: On Wing LLC		U. S. Certified Mechanic	
ADDRESS: 511 Airport Rd		Foreign Certified Mechanic	
CITY: Winchester	STATE Virginia	C. Certificate No.	
ZIP: 22602	COUNTRY USA	20WR084C	

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 <i>Pho R Kline</i> 12/27/22
--	--

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	

CERTIFICATE OR DESIGNATION NO: 20WR084C	Signature/Date of Authorized Individual <i>Pho R Kline</i> 12/27/22
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NOTICE

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

8. Description of Work Accomplished

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

N1833D

USA

12/27/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of Garmin GTX 345R.

2: Description. Removed existing Ack Encoder PN:A30.02-00, King KT76A ATC Transponder PN: 066-1062-00 SN: 45015 and uAvionix Tail Beacon PN: UAV-1001362-001-L. Installed Garmin GTX345R PN: 010-01217-06 SN: 3EH040791 and Rami Transponder Antenna PN: AV-74-1.

3: Control information. Reference Garmin GTX 33X and GTX 3X5 ADS-B Maintenance Manual PN:190-00734-11 Rev.8 Section 3 for system operation and self test information.

4: Servicing information. GTX 33X and GTX 3X5 LRU maintenance is "on condition" only. Component-level overhaul is not required for the GTX 33X and GTX 3X5 with ADS-B installation. On Condition replacement and/or servicing should occur when an item exhibits conditions, symptoms, and/or abnormalities as defined in Section 5 of the GTX Maintenance Manual. Replacement and/or servicing should be made only after the technician troubleshoots the system by using the guidance in the GTX Maintenance Manual along with common avionics maintenance practices.

5: Maintenance instructions: Reference Garmin GTX 345 Maintenance Manual P/N 190-00734-11 Rev. 8, Section 4.4.

6: Troubleshooting information: Reference Garmin GTX 345 Maintenance Manual P/N 190-00734-11 Rev. 8, Section 5.

7: Removal/Replace information: Reference Garmin GTX 345 Maintenance Manual P/N 190-00734-11 Rev. 8, Section 6.

8: Diagram: Reference Garmin GTX 3XX Part 23-AML STC Installation Manual PN:190-00734-10 Rev.15 Appendix A&B.

9: Special inspection Requirements: None.

10: Application of Special Treatments: None.

11: Data: Reference Garmin STC# SA01714WI, Garmin GTX 345 Installation manual P/N 190-00734-10 Rev.15, Garmin GTX 33X and GTX 3X5 ADS-B Maintenance Manual P/N 190-00734-11 Rev. 8, AC 43.13-2A and AC 43.13-1B with change 1.

12: List of Special tools: Calibrated milliohm meter with an accuracy of +0.1 milliohm or better, Calibrated transponder ramp tester, Calibrated Pitot/static ramp tester, 50 Ω 5 watt antenna load.

13: Commuter Aircraft: Not Applicable.

14: Recommended Overhaul Periods: None.

15: Approved Airworthiness limitations: There are no new airworthiness limitations associated with this equipment and/or installation.

16: Maintenance information ICAs. Revision instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227.

Additional Sheets Are Attached



 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp. 5/31/2018		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: N1833D USA			SERIAL NO: CE-952		
		MAKE: BEECH			MODEL: F33A		SERIES:
2. Owner		Name (As shown on registration certificate) BUTLER JEROME KNOX			Address (As shown on registration certificate) Address 1310 IMBODEN DR		
		City FRONT ROYAL State VIRGINIA			Zip 22630-5341 Country USA		
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	BEECH	(As described in Item 1 above)		CE-952	
<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: On Wing LLC				U. S. Certified Mechanic		Manufacturer	
ADDRESS: 511 Airport Rd				Foreign Certified Mechanic		C. Certificate No.	
CITY: Winchester		STATE Virginia		<input checked="" type="checkbox"/> Certified Repair Station		2OWR084C	
ZIP: 22602		COUNTRY USA		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 12/27/22					
7. Approval for Return to Service							
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected							
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization		Persons Approved by Canadian Department of Transport		
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization				
CERTIFICATE OR DESIGNATION NO: 2OWR084C		Signature/Date of Authorized Individual 12/27/22					

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.)

N1833D

USA

12/27/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of Garmin G3X 10" display and associated Garmin systems.
2. Discription: Removed Stormscope WX-10A PN: 78-8047-0984-4 SN: R0D04501091, Stormscope WX-10A Antenna PN: 78-8041-7950-1 SN: 2506, Stormscope WX-10A Processor PN: 78-8047-0985-1 SN: R0P04501091, Stormscope WX-10A Mounting Plate, Troll Technology Copr. Avionics Fan, United Instruments Airspeed PN: 8025 SN: 84824, United Instruments Altimeter PN: 5934-3 SN: 467965, United instruments Vertical Speed PN: 7040 SN: 11517, Aviation Instruments MFG. Turn Coordinator PN:507-0020-906/TC 120-2D SN: M2803, Beechcraft Com Antenna PN: 35-5006-1 SN: 1269, Beechcraft NAV Splitter PN:35-5024 SN: 5901, King KA 44 ADF Antenna PN: 071-1196-00 SN: 6922, King KI203 VOR/LOC Converter Indicator PN: 066-3034-00 SN: 13230, King KDI572 DME Indicator PN: 066-1069-00 SN: 3637, King KI227 ADF Indicator PN: 066-3063-00 SN: 5278, King KLN 90B GPS PN: 066-04031-1121 SN: 26841, King KMA 24 Marker Beacon Receiver PN: 066-1055-03 SN: 19359, King KN53 Navigation Receiver PN:066-1067-01 SN: 54144, King KNS 81 Navigational Computer PN: 066-4010-10 SN: 5346, King KR 87 ADF Receiver PN: 066-1072-00 SN: 23472. Installed Cobham VHF Blade Com Antenna PN:CI-138 SN: 695917, Garmin GA35 GPS Antenna PN: 013-00235-00 SN: 210524, Garmin GDU 460 PN: 011-02920-05 SN: 350011323, Garmin GMU11 PN: 011-04349-01 SN: 56J06878, Garmin GSU25 PN: 011-02929-51 SN: 5Q3003220, Garmin GTP59 PN: 011-00978-00 SN: 47971321, Garmin 6 Cylinder Txi Engine Sensor Kit PN:K00-01011-00 SN: 4TK008723, and Garmin GEA24 PN: 011-02848-01 SN: 2J2022403.
3. Control Information: Reference Garmin G3X Touch EFIS Maintenance Manual PN:190-02472-02 Rev.5 Section 3 for Controlling and Operating Information.
4. Servicing Information: G3X Touch EFIS LRUs maintenance is 'on condition' only. No component-level overhaul is required for the G3X Touch EFIS Part 23 AML STC installation. See section 6 of Garmin G3X M.M. PN:190-02472-02 Rev.5 for equipment removal and installation.
5. Maintenance Information: Reference Section 4.2-4.7 of the Garmin G3X M.M. PN:190-02472-02 Rev.5.
6. Troubleshooting Information: Reference Section 5 of the Garmin G3X M.M. PN:190-02472-02 Rev.5.
7. Removal/Replacement Information: Reference Section 6 of the Garmin G3X M.M. PN:190-02472-02 Rev.5.
8. Diagrams: Reference Appendix B and I of the Garmin G3X Installation Manual PN:190-02472-01 Rev.9. for installation diagrams and wiring diagram interconnections.
9. Special Inspection Requirements: Reference Section 4.7 of the Garmin G3X M.M. PN:190-02472-02 Rev.5.
10. Application of Special Treatments: There are no special treatment requirements for the Garmin G3X system or its components.
11. Data: Garmin G3X STC# SA01899WI, Garmin G3X Installation Manual PN:190-02472-01, Garmin G3X Maintenance Manual PN:190-02472-02 Rev.5, AC 43.13-1B with Change 1 and AC 43.13-2A.
12. List of Special Tools: The Garmin G3X system has no specials tools required to perform maintenance on its LRUs and components.
13. Commuter Aircraft?: Not Applicable.
14. Recommended Overhaul Periods: The Garmin G3X system does not require overhauling at a specific time period.
15. Approved Airworthiness Limitations: The G3X Touch EFIS is airworthy when installed, configured, and maintained in accordance with section 4 of the Garmin G3X Maintenance Manual PN:190-02472-02 Rev.5. There are no new (or additional) airworthiness limitations associated with this equipment and/or installation. The Airworthiness Limitations section is FAA-approved and specifies maintenance required under§§43.16 and 91.403 of Title 14 of the Code of Federal Regulations, unless an alternative program has been FAA-approved.
16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached





US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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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: N1833D USA	SERIAL NO: CE-952	
	MAKE: BEECH	MODEL: F33A	SERIES:
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR	
		City FRONT ROYAL	State VIRGINIA
		Zip 22630-5341	Country USA

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	BEECH	(As described in Item 1 above)	CE-952
<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: Robert Kline		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
ADDRESS: 36181 Foxlore Farm Ln		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
CITY: Round Hill	STATE VIRGINIA	<input type="checkbox"/> Certificated Repair Station	AP3807569IA
ZIP: 20141	COUNTRY USA	<input type="checkbox"/> Certificated Maintenance Organization	

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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Robert Kline</i> 12/27/22
--	---

7. Approval for Return to Service

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

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

CERTIFICATE OR DESIGNATION NO: AP3807569IA	Signature/Date of Authorized Individual <i>Robert Kline</i> 12/27/22
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NOTICE

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

8. Description of Work Accomplished

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

N1833D

USA 12/27/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of the Garmin GFC500 2 Axis Autopilot with Optional Pitch Trim Control.
2. Description: Removed A.I.M Horizon Ref. ind. PN: 500DCF 28 SN:2883, A.I.M. Directional Gyro PN: 505-0010-902 SN: 20234, Airborne Instrument Air PN: 169-38 SN: 58-380017-3, Century 3 Autopilot Head PN: N/A SN: N/A, Century Flight System ADC PN: 1C535-1 SN: K11264-D, EDO-AIRE Mitchell CENT/ALT IIIC AMP PN: 1C515-1 CENT SN: 9291B, EDO-AIRE MITCHELL G/S COUPLER BOX PN: 1C493 SN: 10120E, EDO-AIRE MITCHELL GYRO SLAVING AMP BOX PN: 1C714 SN: 4005 A, EDO-AIRE MITCHELL Pitch Servo PN: 1C750-1-668P SN: 241, EDO-AIRE Mitchell Electronic Pitch Trim Amp. PN: 1C709-20 SN: 15224 F, EDO-AIRE MITCHELL Pitch Trim Servo PN: 1C469-6-662 SN: 21738A, EDO-AIRE Mitchell Radio Coupler PN: 1C388-2 SN: 3126, EDO-AIRE Mitchell Relay Box PN: 1A526-1 SN: 21719, EDO-AIRE MITCHELL Roll Servo PN: 1C465-1-662R SN: 10551 A, Mitchell Attitude Gyro PN:52D167M/IU367-102-2 SN: 3675E. Installed Garmin GMC507 PN: 011-04548-01 SN: 5H1100529, Garmin GSA 28 Pitch Trim Servo PN: 011-02927-21 SN:6N2003154, Garmin GSA28 Pitch Servo PN: 011-02927-21 SN: 6N2003159, Garmin GSA28 Roll Servo PN: 011-02927-21 SN: 6N2003076.
3. Control Information: Reference Section 3 Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10 for Controlling & Operating Information of the Garmin GFC500 Autopilot.
4. Servicing Information: The Garmin GFC500 Autopilot is ' On Condition ' Servicing only. In the event of a system failure, troubleshoot the Garmin GFC500 Autopilot in accordance with Section 5 of the Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10.
5. Maintenance Information: Reference Section 4.3, 4.4, & 4.5 of Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10 for Maintenance Instructions and Intervals for the Garmin GFC500 Components and LRUs.
6. Troubleshooting Information: Reference Section 5 of Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10 for Troubleshooting information and Instructions.
7. Removal/Replacement Information: Reference Section 6 of Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10 for information and instructions on removing and or replacing the Garmin GFC500 Components and LRUs.
8. Diagrams: Reference Appendix A of Garmin GFC500 STC Installation Manual PN: 190-02291-00 Rev 21 for wiring diagrams and wiring interconnections. Reference Garmin GFC500 STC Installation Manual Addendum PN: 190-02291-13 Rev 13 for Equipment Installation Diagrams and component routing.
9. Special Inspection Requirements: There are no special inspections required with the Garmin GFC500 Autopilot System and its LRUs.
10. Application of Special Treatments: There are no special treatment requirements for the Garmin GFC500 System and its components.
11. Data: STC# Garmin GFC500 STC# SA01866WI, Garmin GFC500 STC Installation Manual PN: 190-02291-00 Rev 21, Garmin GFC500 STC Installation Manual Addendum PN: 190-02291-13 Rev 13, Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10, & Garmin GFC500 STC Gain Addendum PN: 005-01470-21 Rev 3.
12. List of Special Tools: The Garmin GFC500 Autopilot has no specials tools required to perform maintenance on its LRUs and components.
13. Commuter Aircraft?: Not Applicable.
14. Recommended Overhaul Periods: The Garmin GFC500 Autopilot system does not require overhauling at a specific time period.
15. Approved Airworthiness Limitations: The Garmin GFC500 Autopilot is airworthy when installed, configured, and maintained in accordance with section 4 of Garmin GFC500 STC Maintenance Manual PN: 190-02291-01 Rev 10. There are no new (or additional) airworthiness limitations associated with this equipment and/or installation. The Airworthiness Limitations section is FAA approved and specifies maintenance required under §§ 43.16 and 91.403 of Title 14 of the Code of Federal Regulations unless an alternative program has been FAA approved.
16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached





US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

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1. Aircraft	NATIONALITY AND REGISTRATION MARK: N1833D USA	SERIAL NO: CE-952
	MAKE: BEECH	MODEL: F33A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	
	Address (As shown on registration certificate) Address 1310 IMBODEN DR	
	City FRONT ROYAL State VIRGINIA	
	Zip 22630-5341 Country USA	

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	BEECH	(As described in Item 1 above)	CE-952
<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: On Wing LLC		U. S. Certificated Mechanic	
ADDRESS: 511 Airport Rd		Foreign Certificated Mechanic	
CITY: Winchester		C. Certificate No.	
STATE Virginia		20WR084C	
ZIP: 22602		Certificated Repair Station	
COUNTRY USA		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 <i>John R. Klein</i> 12/27/22
--	--

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 Other (Specify)
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	

CERTIFICATE OR DESIGNATION NO: 20WR084C	Signature/Date of Authorized Individual <i>John R. Klein</i> 12/27/22
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NOTICE

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

8. Description of Work Accomplished

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

N1833D

USA

12/27/2022

Nationality and Registration Mark

Date:

1. Installation of Garmin G5 Electronic Attitude indicator.
2. Removed Mitchell Attitude gyro PN:IU367-102-2 SN:3675E, Slaved Navigation Situation Display PN:52D137-1333 SN: I-1050 and installed Garmin G5 PN: 011-03809-00 SN: 4JQ058025.
3. Control Information: Reference Garmin G5 Installation Manual PN: 190-01112-10 Rev 29, for system operation and self-test information.
4. Servicing Information: Refer to Section 4 of Garmin G5 Maintenance Manual PN: 190-01112-11 Rev 10 for servicing information.
5. Maintenance Instructions: Refer to Section 4 of Garmin G5 Maintenance Manual PN: 190-01112-11 Rev 10 for Maintenance instructions.
6. Troubleshooting Information: For troubleshooting the Dual G5 System, refer to Section 5 of Garmin G5 Maintenance Manual PN: 190-01112-11 Rev 10.
7. Removal/Replacement Information: Refer to section 6 of Garmin G5 Maintenance Manual PN:190-01112-11 Rev 10.
8. Diagrams: See figures in Section 4 of the Garmin G5 installation Manual PN: 190-01112-10 Rev. 29.
9. Special Inspection Requirements: Refer to Section 4.4 of Garmin G5 Maintenance Manual PN: 190-01112-11 Rev 10. After a suspected lightning strike the LPM shall be replaced. Reference Garmin G5 Electronic Flight Instrument Part 23 AML STC Installation Manual, 190-01112-10 Rev.29 section 4 and 5 for connector assembly and wiring requirements of LPM.
10. Application of Special Treatments: None.
11. Data: Reference Garmin G5 Installation Manual PN: 190-01112-10 Rev 29, Garmin G5 Maintenance Manual PN: 190-01112-11 Rev 10, Garmin STC#SA01818WI, AC43.13-1B with change 1 and AC43.13-2A.
12. Special Tools: None.
13. Commuter Aircraft: Not Applicable.
14. Recommended Overhaul Periods: None.
15. Approved Airworthiness Limitations: There are no new or additional airworthiness limitations associated with this equipment and/or installation. The Airworthiness Limitations section is FAA-approved and specifies maintenance required under §§43.16 and 91.403 of Title 14 of the Code of Federal Regulations, unless an alternative program has been FAA-approved.
16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached

☐

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp: 5/31/2018		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:			SERIAL NO:		
		N1833D USA					
2. Owner		MAKE:			MODEL:		SERIES:
		BEECH			F33A		N/A
3. For FAA Use Only		Name (As shown on registration certificate)			Address (As shown on registration certificate)		
		BUTLER JEROME KNOX			Address 1310 IMBODEN DR		
					City FRONT ROYAL		State VIRGINIA
					Zip 22630-5341	Country USA	
4. Type 5. Unit Identification							
Repair	Alteration	Unit	Make	Model	Serial No.		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	BEECH	(As described in Item 1 above)		CE-952	
<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: Robert Kline				<input checked="" type="checkbox"/> U. S. Certified Mechanic		<input type="checkbox"/> Manufacturer	
ADDRESS: 36181 Foxlore Farm Ln				<input type="checkbox"/> Foreign Certified Mechanic		C. Certificate No.	
CITY: Round Hill		STATE: Virginia		<input type="checkbox"/> Certified Repair Station		AP3807659IA	
ZIP: 20141		COUNTRY: USA		<input type="checkbox"/> Certified Maintenance Organization			
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.							
Extended range fuel per 14 CFR Part 43 App. B		Signature/Date of Authorized Individual					
<input type="checkbox"/>		 12/27/22					
7. Approval for Return to Service							
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is:							
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected							
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization		Persons Approved by Canadian Department of Transport		
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization				
CERTIFICATE OR DESIGNATION NO:		Signature/Date of Authorized Individual					
AP3807659IA		 12/27/22					

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.)

N1833D

USA

12/27/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of CIES Fuel Quantity senders
2. Description: Removed existing Beechcraft Fuel Sensor PN: 96 38004101 SN: CB7740 2 A79, Beechcraft Fuel Sensor PN: 96 380042 1 SN: B7740 1 H79, Beechcraft Fuel Sensor PN: 96 380042 2 SN: CB7740-47/M79, Beechcraft Fuel Sensor PN: 96 380041 1 SN: CB7740. Installed CiES Outboard Fuel senders PN: CC284022-2218-101 SN: GT5177 & GT5178, CiES Inboard Fuel Senders PN: CC284022-2217-101 SN: GT5175 & GT5176,
3. Control information: Ref. CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
4. Servicing Information: Ref. Section 8 Part A(4) of CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
5. Maintenance instruction: Ref. Section 8 Part B of CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
6. Troubleshooting information: Ref. Section 8 Part B(2) of CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
7. Removal/Replacement information: Ref. Section 3.2 of CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
8. Diagrams: Ref. CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F
9. Special inspection requirements: Not Applicable
10. Application of Special Treatments: Not Applicable
11. Data: STC# SA02511SE, CIES Installation Manual & ICA Doc. # CC-TR-2840-031 Rev. F and in Compliance with AC 43.13-1B with Change 1 and AC 43.13-2A.
12. List of Special Tools: Not Applicable
13. Commuter Aircraft?: Not Applicable.
14. Recommended Overhaul Periods: No additional overhaul time limitations. Removed and repair on-condition.
15. Approved Airworthiness Limitations: There are no new(or additional) Airworthiness Limitation associated with this installation.
16. Maintenance information, ICA's. Revision instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached

☐



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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: N1833D USA	SERIAL NO: CE-952
	MAKE: BEECH	MODEL: F33A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR
		City FRONT ROYAL State VIRGINIA
		Zip 22630-5341 Country USA

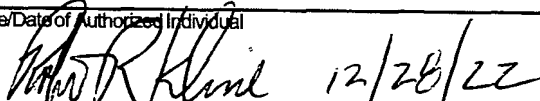
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	BEECH	(As described in Item 1 above)	CE-952
<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: Robert Kline		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
ADDRESS: 36181 Foxlore Farm Ln		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
CITY: Round Hill	STATE Virginia	<input type="checkbox"/> Certificated Repair Station	AP3807569IA
ZIP: 20141	COUNTRY USA	<input type="checkbox"/> Certificated Maintenance Organization	

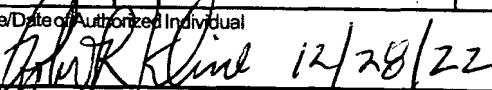
D. I certify that the repair and/or alteration made to the unit(s) identified in Item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  12/28/22
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in Item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is: ☒ Approved ☐ Rejected

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

CERTIFICATE OR DESIGNATION NO: AP3807569IA	Signature/Date of Authorized Individual  12/28/22
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NOTICE

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

8. Description of Work Accomplished

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

N1833D

USA

12/28/2022

Nationality and Registration Mark

Date:

1. Installation of Parmetheus PlusPAR36 Taxi Light.
2. Removed GE Taxi light PN:4587 and installed Whelen LED Parmetheus Plus Par 36 taxi light PN:01-0771833-25 SN: 541413.
3. Control Information: Reference Whelen Installation Manual PN: 14793D.
4. Servicing Information: Reference Whelen Installation Manual PN: 14793D, Page 3.
5. Maintenance Instructions: Reference Whelen Installation Manual PN: 14793D, Page 3.
6. Troubleshooting Information: Reference Whelen Installation Manual PN: 14793D, Page 4.
7. Removal/Replacement Information: Reference Whelen Installation Manual PN: 14793D, Page 1.
8. Diagrams: Reference Whelen Installation Manual PN: 14793D, Pages 2, 4, and 5.
9. Special Inspection Requirements: None
10. Application of Special Treatments: None.
11. Data: Reference Whelen Installation Manual PN: 14793D, Whelen STC#SA00344BO, AC43.13-1B with change 1 and AC43.13-2A.
12. Special Tools: None.
13. Commuter Aircraft: Not Applicable.
14. Recommended Overhaul Periods: None.
15. Approved Airworthiness Limitations: There are no new or additional airworthiness limitations associated with this equipment and/or installation.
16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached

☐



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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: N1833D USA	SERIAL NO: CE-952
	MAKE: BEECH	MODEL: F33A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR
		City FRONT ROYAL State VIRGINIA
		Zip 22630-5341 Country USA

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	BEECH	(As described in Item 1 above)	CE-952
<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: On Wing LLC		U. S. Certified Mechanic	
ADDRESS: 511 Airport Rd		Foreign Certified Mechanic	
CITY: Winchester	STATE Virginia	<input checked="" type="checkbox"/> Certified Repair Station	C. Certificate No.
ZIP: 22602	COUNTRY USA	<input type="checkbox"/> Certified Maintenance Organization	20WR084C

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 <i>Robert R. Kline</i> 12/28/22
--	--

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	

CERTIFICATE OR DESIGNATION NO: 20WR084C	Signature/Date of Authorized Individual <i>Robert R. Kline</i> 12/28/22
--	--

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.)

N1333D

USA

12/28/2022

Nationality and Registration Mark

Date:

1. Introduction: Installation of RadioRax Rail Tray mounting kit.
2. Description: Installed RadioRax Rail Tray mounting kit PN:RK1020.
3. Control information: Reference RadioRax Installation Manual PN:RKD1020-2 Rev.B.
4. Servicing information: Reference RadioRax Instructions for Continued Airworthiness PN: RKD1020-4 Rev.A.
5. Maintenance instructions: Reference RadioRax Instructions for Continued Airworthiness PN: RKD1020-4 Rev.A.
6. Troubleshooting information: Reference RadioRax Instructions for Continued Airworthiness PN: RKD1020-4 Rev.A, and RadioRax Installation Manual PN:RKD1020-2 Rev.B.
7. Removal/Replace information: Reference RadioRax Installation Manual PN:RKD1020-2 Rev.B.
8. Diagram: Reference RadioRax Installation Manual PN:RKD1020-2 Rev.B.
9. Special inspection Requirements: None.
10. Application of Special Treatments: None.
11. Data: Reference RadioRax STC# SA01330LA, RadioRax Installation Manual PN:RKD1020-2 Rev.B, RadioRax Instructions for Continued Airworthiness PN: RKD1020-4 Rev.A, and AC 43.13-1B with change 1.
12. List of Special tools: None
13. Commuter Aircraft: Not Applicable.
14. Recommended Overhaul Periods: None.
15. Approved Airworthiness limitations: There are no new airworthiness limitations associated with this equipment and/or installation.
16. Maintenance information ICAs. Revision instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached





US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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: N1833D	SERIAL NO: CE-952
	MAKE: Beechcraft	MODEL: F33A SERIES: N/A
2. Owner	Name (As shown on registration certificate) BUTLER JEROME KNOX	Address (As shown on registration certificate) Address 1310 IMBODEN DR
		City FRONT ROYAL State Virginia
		Zip 22630-5341 Country USA

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	Beechcraft	(As described in Item 1 above)	CE-952
<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: David Edelman		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
ADDRESS: 411 Old Bethel Rd		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
CITY: Edinburg	STATE VA	<input type="checkbox"/> Certificated Repair Station	4432100
ZIP: 22824	COUNTRY USA	<input type="checkbox"/> Certificated Maintenance Organization	

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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual David Edelman 12/14/22
--	---

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	Repair Station	Inspection Authorization	

CERTIFICATE OR DESIGNATION NO: 3807659 IA	Signature/Date of Authorized Individual G. H. P. 12/14/22
--	--

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.)

N1833D

12/13/2022

Nationality and Registration Mark

Date:

1. Installation of STC SA01120SE Door Steward kit B40C10-1 in reference to Installation Instructions and ICA PN: MVA-B40C10M&O Rev.F, and AC 43.14-1B with change 1.
2. Removed main door stop PN:35-400379 and baggage door stop PN169-380032-5. Installed Door Steward kit B40C10-1 on Rear baggage door and on Cabin door.
3. Control Information: Reference Beechcraft Bonanza F33A POH PN:33-590009-13A9
4. Servicing Information: Refer Section B of MVA-B40C10M&O
5. Maintenance Instructions: Refer Section B of MVA-B40C10M&O
6. Troubleshooting Information: Refer Section B of MVA-B40C10M&O
7. Removal/Replacement Information: Refer Section B of MVA-B40C10M&O
8. Diagrams: See Section A1 of MVA-B40C10M&O
9. Special Inspection Requirements: None
10. Application of Special Treatments: None.
11. Data: Reference STC SA01120SE, Installation Instructions & ICA PN: MVA-B40C10M&O Rev.F, and AC 43.14-1B with change 1.
12. Special Tools: None.
13. Commuter Aircraft: Not Applicable.
14. Recommended Overhaul Periods: None.
15. Approved Airworthiness Limitations: There are no new or additional airworthiness limitations associated with this equipment and/or installation.
16. Maintenance Information ICAs. Revision Instructions: Revisions to this installation shall submit a revised FAA Form 337 to the local FSDO.

Additional Sheets Are Attached





U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make BEECH	Model F33A
	Serial No. CE-952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH L. HARR JOANN R.	Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370

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.
John Atterholt Legend Aviation LLC DBA Airzona Air-Craftsman 2020 Clubhouse Drive Prescott, AZ 86301	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	A&P 3287177
	Foreign Certificated Mechanic	
	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 12-17-2008	Signature of Authorized Individual John Atterholt
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12-17-2008		Certificate or Designation No. A&P 3287177 IA		Signature of Authorized Individual JOHN ATTERHOLT	

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.)

Replaced cabin door window with Great Lakes Aero Products window, PN: W-2224 IAW STC #SA00690CH and Installation Instructions #A2D, Revision A, dated December 9, 1998.

ICA, if any, are included in the Installation Instructions and are a permanent part of the aircraft records. Weight change negligible.

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

☐ Additional Sheets Are Attached

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

Number SA00690CH

This certificate, issued to: Great Lakes Aero Products
 915 Nearsley Park Blvd.
 Flint, MI 48503

certifies that the change in the type design for the following product with the limitations and conditions shown as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: *See attached FAA Approved Model List
Make: * (AML) No. SA00690CH for list of approved
Model: * airplane models and applicable
 airworthiness regulations.

Change in Type Design Change:

Installation of Great Lakes Aero Products, Pilot Side and Door Windows in accordance with Great Lakes Aero Products Drawing Numbers W-2048, Rev. F, dtd October 17, 1996, W-2049, Rev. C, dtd October 6, 1998, W-2221, Rev. B dtd February 18, 1999, W-2222, Rev. B, dtd, February 18, 1999, W-2223, Rev. A, dtd, January 22, 1999, W-2224, Rev. B, dtd, January 26, 1999, W-2236, Rev. A, dtd, January 23, 1999, W-2237, Rev. None, dtd October 17, 1996, W-2238, Rev. none, dtd October 17, 1996, and W-2239, Rev. A, dtd November 18, 1998, and Great Lakes Aero Products Installation Instructions as listed on AML No. SA00690CH, or later FAA approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer. A copy of this Certificate and FAA Approved Model List (AML) No. SA00690CH, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

Date of application October 2, 1996

Date of issuance July 25, 1997

Date received

Date amended

February 18, 1999



Signature of the Administrator
 Mary Ellen A. Segutt
 (Signature)

Mary Ellen A. Segutt
 Manager, Airframe & Administrative Branch
 Chicago Aircraft Certification Office

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.

FAA Form 8130-2 (10-64)

FAA APPROVED MODEL LIST (AML) NO. SA00690CH
GREAT LAKES AERO PRODUCTS
INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS

Original Issue Date: October 2, 1996

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT DATE
					NUMBER	REVISION NO. & DATE		
1	Raytheon	35, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	INSTL. A2	Revised 10-17-96	N/A	2/18/99
2	Raytheon	E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC	3-15	CAR 3	INSTL. A2	Revised 10-17-96	N/A	2/18/99
3	Raytheon	D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B (T-42A), 95-C55, 95-C55A	3A16	CAR 3	INSTL. A2	Revised 10-17-96	N/A	2/18/99
4	Raytheon	35, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	INSTL. A2A, or A2B	Revised 10-5-96	N/A	2/18/99

FAA APPROVED MODEL LIST (AML) NO. SA00690CH
GREAT LAKES AERO PRODUCTS
INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS

Original Issue Date: October 2, 1996

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT DATE
					NUMBER	REVISION NO. & DATE		
5	Raytheon	E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36	3A15	CAR 3	INSTL. A2A, or A2B	Revised 10-5-96	N/A	2/18/99
6	Raytheon	D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-C55, 95-C55A	3A16	CAR 3	INSTL. A2A, or A2B	Revised 10-5-96	N/A	2/18/99
7	Raytheon	F33A, V35B, A36, A36TC	3A15	CAR 3	INSTL. A2C	Rev. A, dtd., 11/22/98	N/A	2/18/99
8	Raytheon	E55, E55A, 58, 58A, 95-B55, 95-B55A	3A16	CAR 3	INSTL. A2C	Rev. A, dtd., 11/22/98	N/A	2/18/99
9	Raytheon	F33A, V35B, A36, A36TC	3A15	CAR 3	INSTL. A2D	Rev. A, dtd., 12/9/98	N/A	2/18/99
10	Raytheon	E55, E55A, 58, 58A, 95-B55, 95-B55A	3A16	CAR 3	INSTL. A2D	Rev. A, dtd., 12/9/98	N/A	2/18/99
11	Raytheon	F33A, V35B, A36, A36TC	3A15	CAR 3	INSTL. A2E	Rev. A, dtd., 1/23/99	N/A	2/18/99

2 of 3

FAA APPROVED MODEL LIST (AML) NO. SA00690CH
GREAT LAKES AERO PRODUCTS
INSTALLATION OF GLAP "PILOT SIDE and DOOR" WINDOWS

Original Issue Date: October 2, 1996

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT/ DATE
					NUMBER	REVISION NO. & DATE		
12	Raytheon	35, A35, B35, C35, D35, E35, F35, G35	A-777	CAR 3	INSTL. A2F	Rev. None, dtd., 10/17/96	N/A	2/18/99
13	Raytheon	E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, 36, A36, A36TC	3A15	CAR 3	INSTL. A2F	Rev. None, dtd., 10/17/96	N/A	2/18/99
14	Raytheon	D55, D55A, E55, E55A, 56TC, A56TC, 58, 58A, 95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B(T-42A), 95-C55, 95-C55A	3A16	CAR 3	INSTL. A2F	Rev. None, dtd., 10/17/96	N/A	2/18/99
15	Raytheon	F33, F33A, F33C, G33, V35B, A36, A36TC	3A15	CAR 3	INSTL. B-1	Retyped 6/10/93	N/A	2/18/99
16	Raytheon	E55, E55A, A56TC, 58, 58A, 95-B55, 95-B55A	3A16	CAR 3	INSTL. B-1	Retyped 6/10/93	N/A	2/18/99

FAA Approved: *Mary Ellen A. Schutt*
Mary Ellen A. Schutt, Manager,
Airframe & Administrative Branch
Chicago Aircraft Certification Office
3 of 3



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make BEECH	Model F33A
	Serial No. CE952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH L. HARR JOANN R.	Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370

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	TCM	IO-520-BB	274580-R		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
JOHN ATTERHOLT ARIZONA AIR-CRAFTSMAN, INC. dba MILE HIGH AVIONICS 2020 CLUBHOUSE DRIVE PRESCOTT, ARIZONA 86301	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	526045567 AP
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input 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 12-04-06	Signature of Authorized Individual JOHN ATTERHOLT
------------------	--

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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12-04-06		Certificate or Designation No. 526045567 IA		Signature of Authorized Individual JOHN ATTERHOLT	

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 single piece sloped windshield IAW STC #SA997SO and Beryl D'Shannon Aviation Specialties, Inc.
Speed sloped windshield kit Installation Instructions, revision C, dated 03-01-1992.

Installed U.S. Airparts roller rocker arm assemblies, PN: US92E exhaust and US92I intake IAW STC #SE09559SC and U.S. Airparts
Installation Instructions, Form US92in, dated 04-03-99.

ICA, if any, are contained in the Installation Instructions and are a permanent part of the aircraft records. Revised weight and balance.

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

☐ Additional Sheets Are Attached

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

Number SE09559SC

This Certificate issued to U.S. Airparts, Inc.
an Arizona LLC
31 Industry Dr.
Mt. Ida, AR 71957

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

Original Product Type Certificate Number: .

Make:

[See attached FAA approved model list (AML) for list of
approved models and applicable airworthiness regulations]

Model:

Description of Type Design Change: Installation of U.S. Airparts roller rocker arm assemblies P/N US92E exhaust
and US92I intake, in accordance with U.S. Airparts installation instructions, Form US92in, dated April 3, 1999, or
later FAA approved revisions.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be
determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the
holder shall give the other person written evidence of that permission.

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

Date of application: March 17, 1999

Date of issuance: September 22, 1999

Date reissued:

Date amended:



By direction of the Administrator

S. Frances Cox
(Signature)

S. Frances Cox
Manager, Special Certification Office
Southwest Region

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
NO. 1000
JANUARY 1960

REPORT OF THE RESEARCH GROUP ON THE CHEMISTRY OF THE SOLID STATE

FAA APPROVED MODEL LIST (AML)

SE09559SC

U.S. Airparts, Inc
An Arizona LLC
31 Industrial Drive
Mt. Ida, AR 71957

Date of application: March 17, 1999
Date of issuance: September 22, 1999

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation/Part
1	Teledyne Continental Motors	IO-470-D, -E, -F, -G, -H, -L, -M, -N, -P, -R, -S, -T, -U, -V, -LO, -VO L/IO-470-A	3E1	CAR 13
2	Teledyne Continental Motors	TSIO-470-B, -C, -D	3E3	CAR 13
3	Teledyne Continental Motors	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB L/IO-520-P	E5CE	CAR 13
4	Teledyne Continental Motors	TSIO-520-A, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB	E8CE	CAR 13
5	Teledyne Continental Motors	IO-550-A, -B, -C, -D, -E, -F, -L	E3SO	CAR 13
6	Teledyne Continental Motors	TSIO-550-A, -B, -C	E4SO	CAR 13
7	Teledyne Continental Motors	TSIO-550-A, -B, -C, -E	E5SO	CAR 13
8	Teledyne Continental Motors	O-470-B, -G, -K, -L, -M, -R, -S, -U IO-470-A, -C	E-273	CAR 13

FAA Approved: 

Date: September 22, 1999

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

Number SA997SO

This certificate, issued to Beryl D'Shannon Aviation Specialties, Inc.

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 3/03 of the Civil Air Regulations.

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

Make Beech

Model: All models on 3A15 (Part 3)
All models on A-777 (Part 03)

Description of Type Design Change.

Installation of a single-piece sloped windshield in accordance with Beryl D'Shannon Aviation Specialties, Inc., Drawing B19000, Revision D, dated November 9, 1979, (or later FAA approved revision).

Limitations and Conditions. This approval should not be extended to other aircraft of the same model on which other approved modifications have been made unless it has first been determined that the interrelationship between these various modifications will have no adverse affect on the airworthiness of the aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.

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 24, 1976

Date issued:

Date of issuance: June 7, 1976

Date amended: May 7, 1979, Nov. 21, 1979



By direction of the Administrator

Francis C. Rock
FRANCIS C. ROCK, (Signature) Assistant Chief,
Engineering and Manufacturing Branch
Flight Standards Division
(Title)

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



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

HCD WPO7

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 F-33A
	Serial No. CE-952	Nationality and Registration Mark USA N1833D
2. Owner	Name (As shown on registration certificate) Joseph L. Harr	Address (As shown on registration certificate) P.O. Box 3370 Camp Verde, AZ 86322

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 Robert A. Luna P.O. 1120 Clarkdale, AZ 86324	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 564198630A&P
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date
January 11, 2006

Signature of Authorized Individual
[Signature]

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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection January 11, 2006		Certificate or Designation No. 564198630IA		Signature of Authorized Individual <i>[Signature]</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.)

January 11, 2006 N1833D Tach 2700

Removed Hartzell PHC-C3YF-IBF, installed Hartzell PHC-C3YF-1RF/F8068 I/A/W Hartzell Drawing No. 999005, Revision A, dated March 28, 2002, Revision B dated June 24, 2003, and STC SA10135SC

No change to weight and balance.

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

☐ Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA10135SC

This Certificate issued to Hartzell Propeller, Inc.
One Propeller Place
Piqua, OH 45356

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

Original Product Type Certificate Number : 3A15

Make : Beech

Model : 35-C33A; 36; A36; E33A; E33C; F33A; F33C; S35; V35;
V35A; V35B

Description of Type Design Change:

Installation of Hartzell model PHC-C3YF-1RF/F8068 propeller in accordance with Hartzell Drawing No. 999005, Revision A, dated March 28, 2002, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement AFMS999005, dated April 3, 2003, or later FAA approved revision is required.

Limitations and Conditions: This installation includes the above model aircraft equipped with Teledyne Continental Motors IO-520-B, IO-520-BA, IO-520-BB, or IO-550-B model engine. Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

Date of application : November 12, 2002

Date reissued :

Date of issuance : April 03, 2003

Date amended :



By direction of the Administrator

(Signature)
S. Frances Cox
Manager, Special Certification Office
Southwest Region

(Title)

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

HARTZELL PROPELLER INC.

TOP PROP PERFORMANCE CONVERSIONS

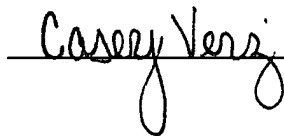
One Propeller Place
Piqua, Ohio 45356-2634
U.S.A.
Phone: 937-778-4200

HARTZELL

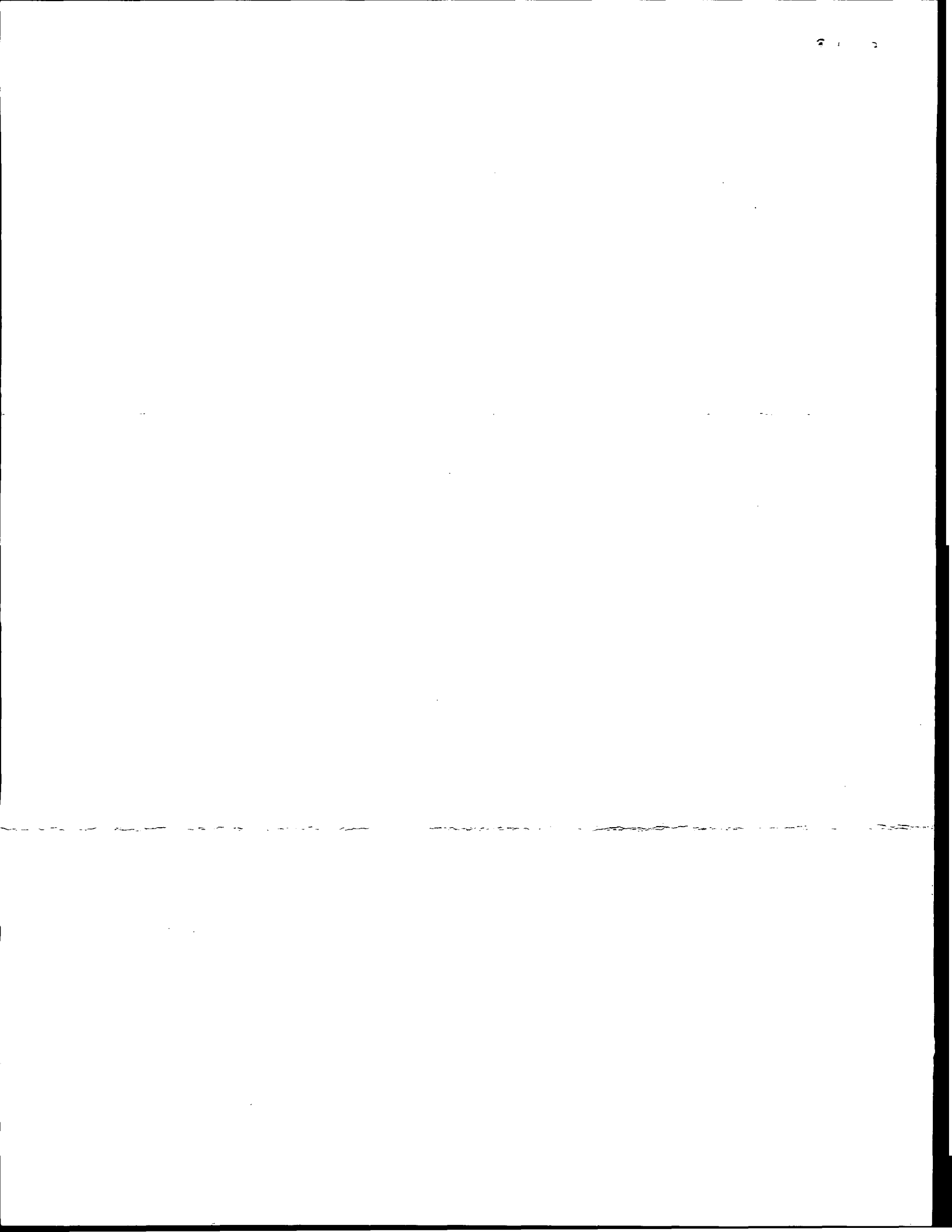
Authorization For Use of STC Document

This Supplemental Type Certificate is the property of Hartzell Propeller, Inc. Hartzell Propeller, Inc. authorizes the use of the STC data only for the aircraft specified below. Any use of this STC beyond the aircraft specified below is a violation of proprietary laws and is subject to legal action.

Please keep the STC, installation instructions, Flight Manual Supplement, and this authorization sheet, in a secure location. There will be a charge for issuing replacement documents.

STC Number:	SA10135SC
Aircraft Model:	BEECH F33A BONANZA
Serial Number:	CE-952
Aircraft Registration:	N1833D
Date Issued:	12/08/05
Issued by:	Casey Verzi
	Customer Service Representative, Hartzell Top Prop Performance Conversions

Hartzell Customer Reference: CO 79197 ROCKY MOUNTAIN PROPELLER 11/5/97





U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No.2120-0020

For FAA Use Only

Office Identification
6007 MM

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 BEECH	Model F33A
	Serial No. CE-952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH L. HARR JOANN R.	Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370

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 JOHN ATTERHOLT ARIZONA AIR-CRAFTSMAN, INC. DBA MILE HIGH AVIONICS 2020 CLUBHOUSE DRIVE PRESCOTT, ARIZONA 86301	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. A&P 526045567
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 11-15-05	Signature of Authorized Individual <i>John Atterholt</i> JOHN ATTERHOLT
------------------	---

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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 11-15-05		Certificate or Designation No. IA 526045567		Signature of Authorized Individual <i>John Atterholt</i> JOHN ATTERHOLT	

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.)

Replaced Insight Instrument Corporation Graphic Engine Monitor GEM602 with Insight Instrument Corporation Graphic Engine Monitor Model GEM-610 IAW STC #SA01860NY and Gem Series Installation Manual, drawing 8258, version 3.0 dated May 1996.

ICA, if any, are included in the Installation Manual and are a permanent part of the aircraft records. No weight change.

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

☐ Additional Sheets Are Attached

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

Supplemental Type Certificate

IMPORT

Number SA01860NY

This certificate issued to Insight Instrument Corporation
Box 122
Fort Erie, ON L2A 5M6
Canada

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

Original Product -- Type Certificate Number : * * See attached FAA Approved Model List (AML)
No. SA01860NY for list of approved airplane
models and applicable airworthiness regulations
Model : *
Model : *

Description of Type Design Change:

Installation of Graphic Engine Monitors (G.E.M.), Models GEM-610 and GEMINI 1200, must be in accordance with GEM Series Installation Manual, Drawing 8258, Version 3.0, dated May 1996.

Limitations and Conditions:

1. Operation must be in accordance with Insight Instrument Corporation Flight Manual Supplement FMS610/1200, Revision -, Transport Canada approved April 24, 2003.
2. Maintenance must be completed in accordance with Insight Instrument Corporation Instructions for Continued Airworthiness Graphic Engine Monitor, Amendment N/C, dated December 14, 1999, Transport Canada accepted April 24, 2003.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written permission of that permission.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. A copy of this certificate and the FAA Approved Model List (AML) No. SA01860NY, issued February 3, 2004, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.

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

Date of application : August 22, 2003

Date reissued :

Date of issuance : February 3, 2004

Date amended :



By direction of the Administrator

Vito A. Pulera
(Signature)

Vito A. Pulera
Manager
New York Aircraft Certification Office

(Title)

1941

1942

FAA APPROVED MODEL LIST (AML) NO. SA01860NY
 For
 Insight Instrument Corporation
 Installation of Graphic Engine Monitors

Issue Date: February 3, 2004

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATION NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML AMENDMENT DATE
1	Beechcraft	23- all, 24-all	A1CE	CAR 3	NA
2	Beechcraft	33-all, 36-all	3A15	CAR 3	NA
3	Beechcraft	35-all	A-777/3A15	CAR 3	NA
4	Beechcraft	45-all	5A3	CAR 3	NA
5	Bellanca	17-30/31-all	1A3/A18CE	CAR 3	NA
6	Bellanca	14-19-all	1A3	FAR 23	NA
7	Bellanca	14-13-all	A-773	CAR 4a	NA
8	Cessna	150, 152-all	3A19	CAR 3	NA
9	Cessna	170-all	A-799	CAR 3	NA
10	Cessna	172-all	3A12	CAR 3	NA
11	Cessna	175-all	3A17	CAR 3	NA
12	Cessna	177-all	A13CE	FAR 23	NA
13	Cessna	177RG	A20CE	FAR 23	NA
14	Cessna	180-all	5A6	CAR 3	NA
15	Cessna	182-all	3A13	CAR 3	NA
16	Cessna	185-all	3A24	CAR 3	NA
17	Cessna	205-all, 210-all	3A21	CAR 3	NA
18	Cessna	206-all	A4CE	CAR 3	NA
19	Cessna	207-all	A16CE	FAR 23	NA
20	Composite Aircraft Corp (Windecker)	AC-7	A7SW	FAR23	NA
21	Consolidated Aeronautics (Lake)	LA-4-all	1A13	CAR 3	NA
22	Found Aircraft Development Inc.	FBA-2C, FBA-2C1	A7EA	CAR 3	NA
23	Globe Swift	GC-1A1/B	A-766	CAR 4a	NA
24	Gulfstream Aerospace	AA-5B	A16EA	FAR 23	NA
25	Helio Enterprises Inc.	H-295	1A8	CAR 3	NA

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U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No.2120-0020

For FAA Use Only

Office Identification

WP07

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 BEECH	Model F-33A
	Serial No. CE 952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH L	Address (As shown on registration certificate) PO BOX 3370 CAMP VERDE AZ. 86322-3370

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 ARIZONA AIR-CRAFTSMAN 2020 CLUBHOUSE DR. PRESCOTT, AZ. 86301	B. Kind of Agency	C. Certificate No. ZM3R029M AIRFRAME CLASS I AIRFRAME CLASS III
	<input type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certified 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 FEB 10, 2004	Signature of Authorized Individual RONALD P WEAVER
----------------------	---

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		
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection FEB 10, 2004		Certificate or Designation No. ZM3R029M	Signature of Authorized Individual RONALD P WEAVER		

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 HORIZON INSTRUMENTS, INC. MODEL P-1000 PER STC SA5491NM AND
MANUFACTURES INSTALLATION INSTRUCTION MANUAL P103050, REV E. INSTRUCTIONS FOR
CONTINUED AIRWORTHINESS, IF ANY, ARE CONTAINED IN THE ABOVE MENTIONED INSTALLATION
MANUAL.

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

☐ Additional Sheets Are Attached



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
WP07

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 BEECH	Model F33A
	Serial No. CE-952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH	Address (As shown on registration certificate) PO BOX 3370 CAMP VERDE AZ. 86322-3370

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 ARIZONA AIR-CRAFTSMAN 2020 CLUBHOUSE DR PRESCOTT, AZ. 86301	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. ZM3R029M AIRFRAME CLASS I AIRFRAME CLASS III
---	--	--

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
JAN 7, 2004

Signature of Authorized Individual
Ronald P Weaver
RONALD P WEAVER

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	
	FAA Designee	X	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection JAN 7, 2004		Certificate or Designation No. ZM3R029M		Signature of Authorized Individual <i>Ronald P Weaver</i> RONALD P WEAVER	

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 AEROTECH COMPONENTS, INC. CV1J4 (CLEAR-VIEW) INLINE PNEUMATIC AIR FILTER PER
STC SA289CH AND MANUFACTURES INSTALLATION INSTRUCTIONS REV-3-2/13/95.
CONTINUED AIRWORTHINESS IS TO CHANGE FILTER ON AN "AS NEEDED BASIS"

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

☐ 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

WA-21

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 form 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 F-33-A
	Serial No. CE-952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) Joe Harr	Address (As shown on registration certificate) 2125 N. Mooney Lane Camp Verde, AZ 86322

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.
G&D Aero Products Inc. 6951 Flight Road Riverside, CA 92504 Hanger #7	<input type="checkbox"/> U.S. Certified Mechanic	LIMITED G7DR870J
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input checked="" type="checkbox"/> Certified 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 10-30-2002	Signature of Authorized Individual Gale R. Calhoon 
---------------------------	---

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	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canadian Airworthiness Group	
Date of Approval or Rejection 10/30/02		Certificate or Designation No. G7DR870J	Signature of Authorized Individual Gale R. Calhoon 	

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.)

On October 30, 2002, Installed G&D Aero Product Inc. Thermal Pane Window inserts part #GD-F-33A according to STC# SA3759NM. Weight and balance, and equipment list revised.

----- E N D -----

☐ Additional Sheets Are Attached



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No.2120-0020

For FAA Use Only

Office Identification
Q222

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 BEECH	Model F33A
	Serial No. CE-952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR JOSEPH L HARR JOANN R	Address (As shown on registration certificate) P.O. BOX 3370 CAMP VERDE, AZ. 86322-3370

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.
ARIZONA AIR-CRAFTSMAN, INC. DBA MILE HIGH AVIONICS 2020 CLUBHOUSE DRIVE PRESCOTT, ARIZONA 86305	<input type="checkbox"/> U.S. Certificated Mechanic	CRS# ZM3R029M
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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

Date 11-19-01	Signature of Authorized Individual <i>John Atterholt</i> JOHN ATTERHOLT
------------------	---

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 11-19-01		Certificate or Designation No. ZM3R029M		Signature of Authorized Individual <i>John Atterholt</i> JOHN ATTERHOLT	

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 Eagle Technologies Co. Wing Fuel Tank quick Drain Valves, Kit PN BS-2, I.A.W. STC #SA0111OCH and Eagle Technologies Co., Installation Instructions for Quick Drain Valve Assy. QDV-3, 730B, Rev. G. No weight change.

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

☐ Additional Sheets Are Attached



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

WPP7 RPL

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 1958)

1. Aircraft	Make BEECHCRAFT	Model F33A
	Serial No. CE952	Nationality and Registration Mark N1833D
2. Owner	Name (As shown on registration certificate) HARR, JOSEPH L. HARR, JOANN R.	Address (As shown on registration certificate) BOX 3370 MONTEZUMA HEIGHTS APT 20B, CAMP VERDE, AZ. 86322

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in item 1 above) ~~~~~				
POWERPLANT	TELEDYNE CONT.	IO-520-BB	274580R		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address AIRZONA AIR-CRAFTSMAN, INC. 2020 CLUBHOUSE DRIVE PRESCOTT, AZ. 86305	B. Kind of Agency	C. Certificate No.
	<input type="checkbox"/> U.S. Certificated Mechanic	ZM3R029M
	<input type="checkbox"/> Foreign Certificated Mechanic	Radio Class I & II
	<input checked="" type="checkbox"/> 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 11-04-98	Signature of Authorized Individual JOHN ATTERHOLT <i>John Atterholt</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 11-04-98		Certificate or Designation No. ZM3R029M	Signature of Authorized Individual JOHN ATTERHOLT <i>John Atterholt</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.)

INSPECTED PREVIOUSLY INSTALLED GAMIJECTORS KIT NO. GAD13AA, INSTALLATION CONFORMS TO S.T.C. #SE09217SC AND GAMIJECTOR INSTALLATION PROCEDURE # IP-96-001, REV. 004, DATED SEPTEMBER 25, 1996. NO CHANGE IN WEIGHT & BALANCE.

*****End*****

☐ Additional Sheets Are Attached

FAA COPY

FEDERAL AVIATION AGENCY MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION 501-600	
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.					
1. AIRCRAFT	MAKE	BEECHCRAFT	MODEL	F33A	
	SERIAL NO.	CE952	NATIONALITY AND REGISTRATION MARK	U.S.A. N1833D	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	JOSEPH L. HARR & JOANN R. HARR		P.O. BOX 3370 CAMP VERDE, ARIZONA 86322		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					5. TYPE
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				XX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
Arizona Air-Craftsman 290 Shrine Rd, #5 Sedona, AZ 86336			U.S. CERTIFICATED MECHANIC		ZM3R029M Powerplant-Class 1 Airframe-Limited
			FOREIGN CERTIFICATED MECHANIC		
			<input checked="" type="checkbox"/> 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 5/16/94			SIGNATURE OF AUTHORIZED INDIVIDUAL TONY R. RILEY		
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 Agency and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPCT/OR	MANUFACTURER	INSPECTION AUTHORIZATION		OTHER (Specify)
	FAA DESIGNEE	XX REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 5/16/94		CERTIFICATE OR DESIGNATION NO. ZM3R029M		SIGNATURE OF AUTHORIZED INDIVIDUAL TONY R. RILEY	

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.)

AIRCRAFT NUMBER N1833D SERIAL NUMBER CE952

Verified previous installation of Shadin Company Inc. Digital fuel management system, P/N-90281 in accordance with STC-SA449GL and installation drawings dated 5-20-94 code # 4017-26.

☐ ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION WA-F500-07	
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.					
1. AIRCRAFT	MAKE	Beechcraft		MODEL	F33A
	SERIAL NO.	CE952		NATIONALITY AND REGISTRATION MARK	N1833D
2. OWNER	NAME (As shown on registration certificate) Harr, Joseph L. Harr, Joann R.			ADDRESS (As shown on registration certificate) Box 3370 Montezuma Heights Apt 20B, Camp Verde, AZ 86322	
	3. FOR FAA USE ONLY				
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
Jay A. Kerger dba Arizona Air-Craftsman 290 Shrine Rd, #5 Sedona, AZ 86336			U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION MANUFACTURER		ZM3R029M Powerplant-Class 1 Airframe-Limited
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 4-29-94			SIGNATURE OF AUTHORIZED INDIVIDUAL Dennis E. O'Leary <i>Dennis E. O'Leary</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 Agency and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	XX REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 4-29-94		CERTIFICATE OR DESIGNATION NO. ZM3R029M	SIGNATURE OF AUTHORIZED INDIVIDUAL Dennis E. O'Leary <i>Dennis E. O'Leary</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.)

Install Space Machine products STC SA5870NM, middle rudder hinge bracket IAW drawing SMP-11 dated 12/1/92 and SMP Installation Instructions dated 1/21/94. Weight change negligible.

N1833D
SN: CE952

☐ ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION SOL-FWD	
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.					
1. AIRCRAFT	MAKE	BEECHCRAFT	MODEL	F-33A	
	SERIAL NO.	CE-952	NATIONALITY AND REGISTRATION MARK	N1833d	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	JOESPH HARR		P.O. BOX 3370 CAMP VERDE, ARIZ. 86322		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Jay A. Kerger dba Arizona Air-Craftsman 290 Shrine Rd, #5 Sedona, AZ 86336		<input type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		ZM3R029M Powerplant-Class 1 Airframe-Limited	
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 10/13/93		SIGNATURE OF AUTHORIZED INDIVIDUAL TONY R. RILEY			
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 Agency and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	OTHER (Specify)		
	FAA DESIGNEE	REPAIR STATION	INSPECTION AUTHORIZATION CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 10/13/93		CERTIFICATE OR DESIGNATION NO. ZM3R029M	SIGNATURE OF AUTHORIZED INDIVIDUAL TONY R. RILEY		

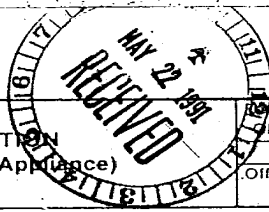
NOTICE

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 INSIGHT INSTRUMENT CORP. GRAPHIC ENGINE MONITOR SYSTEM
I.A.W. INSIGHT INSTRUCTION INSTALLATION MANUAL AND DRAWINGS.
FOR MODEL 602 LIST 8200, 5/0493 AND INSTALLATION DATED SEPT. 1, 1982.
REMOVED OPTIONAL SPECIAL EQUIPMENT ALCOR SINGLE POINT EGT AND INSTALLED
G.E.M. IN PLACE AT INSTRUMENT PANEL. EQUIPMENT LIST REVISED.
UNIT P/N-1261, SOFTWARE LEVEL-602D, SERIAL NO.-007342, MANUF.DATE-9/16/93.
FLIGHT SUPPLEMENT PLACED IN AIRCRAFT FLIGHT MANUAL.

☐ 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 WP-05 R	
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 F 33A		
	Serial No. CE-952		Nationality and Registration Mark N1833D		
2. Owner	Name (As shown on registration certificate) Harr Joseph L. Harr Joann R.		Address (As shown on registration certificate) Box 3370 Monteluma Heights Apt 20B Camp Verde, AZ 86322		
	3. For FAA Use Only				
4. Unit Identification					
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 Flite-Comm Electronics, Inc. 271 Airflite Way Long Beach, CA 90807		B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer		C. Certificate No. Radio Class I, II, III (XU3R964L) Limited Instrument, Limited Airframe, Specialize Services	
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 5/16/91		Signature of Authorized Individual Todd H. Foster			
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 5/16/91		Certificate or Designation No. XU3R984L	Signature of Authorized Individual Todd H. Foster		

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 KLN-88, Bent Whip KA-84, FN-100B Cooling, RSU-21, and ATS-80.

Installation made in accordance with AC 43.13-1A, Chapters 11 and 15, AC 43.13-2A, Chapters 2 and 3, AC 20-121A, Paragraph 3, Appendix I and manufacturer's instruction manual.

Loran left/right, to/from and nav flag information are switched to pilot's HSI/Flight Director and Autopilot and copilot's repeater indicator. Also installed ILS energize interlock. Loran switching is accomplished through an annunciator switch.

Instrument panel placarded as follows: "Approved for VFR only".

Ground and flight check made and Loran exhibits no interference to other aircraft communications or navigations systems.

Electrical load does not exceed 80% of charging system.

EMI check made and no interference noted.

Weight and balance revised.

LAST ITEM

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION <i>WPT-300-7</i>	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)					
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.					
1. AIRCRAFT	MAKE Beechcraft		MODEL F33A		
	SERIAL NO. CE952		NATIONALITY AND REGISTRATION MARK N1833D		
2. OWNER	NAME (As shown on registration certificate) Harr Joseph L Harr Joann R		ADDRESS (As shown on registration certificate) Box 3370 Montezuma Heights Apt 20B, Camp Verde, AZ 86322		
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.
Arizona Air-Craftsman 290 Shrine Rd. #5 Sedona, AZ 86336			U.S. CERTIFICATED MECHANIC		ZM3R029M
			FOREIGN CERTIFICATED MECHANIC		
			<input checked="" type="checkbox"/> 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 03-11-91			SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Dennis E. Cizary</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION		OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 03-11-91		CERTIFICATE OR DESIGNATION NO. ZM3R029M		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Dennis E. Cizary</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.)

Install Upper Rudder Hinge Brackett in accordance with STC SA4899NM, dated 08-28-90 and Spacecraft Machine Products Master Drawing List SMP-100, Rev. A, dated 07-17-90. Weight added is negligible.

☐ ADDITIONAL SHEETS ARE ATTACHED

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		FOR FAA USE ONLY	
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.		OFFICE IDENTIFICATION ACE-61	
1. AIRCRAFT	MAKE Beechcraft	MODEL F33A	NATIONALITY AND REGISTRATION MARK N1833D
2. OWNER	SERIAL NO. CE-952	ADDRESS (As shown on registration certificate) 10192 Cary Circle Cypress, Ca 90630	
3. FOR FAA USE ONLY			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 17 1988 ACE-FSDO 61 DES MOINES, IOWA </div>			
4. UNIT IDENTIFICATION			
UNIT	MAKE	MODEL	SERIAL NO.
AIRFRAME	***** (As described in item 1 above) *****		
POWERPLANT			
PROPELLER			
APPLIANCE	TYPE 15		
	MANUFACTURER		
5. TYPE			
		REPAIR	ALTERATION
			X-
6. CONFORMITY STATEMENT			
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY	
GENE SIMPSON AIRCRAFT SALES, INC. P.O. Box 13, Municipal Airport Onawa, Iowa 51040		U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION MANUFACTURER	
		C. CERTIFICATE NO. CRS 361-3 Limited Airframe Beechcraft	
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 6-15-88		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>R. Rudnick</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED			
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT
DATE OF APPROVAL OR REJECTION 6-15-88		CERTIFICATE OR DESIGNATION NO. CRS 361-3	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>R. Rudnick</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.)

Installed Beryl D'Shannon Aviation Specialties, Inc., Fiberglass Tip Tanks, and fuel transfer system in accordance with STC SA153EA, Drawing No. B1404, Rev. E, dated July 25, 1977. See New Weight and Balance This Date.

☐ ADDITIONAL SHEETS ARE ATTACHED

RECEIVED

MAR 22 1988

LGB FSDO 5

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

WPDS

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

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.

1. AIRCRAFT	MAKE	BEECH	MODEL	F33A
	SERIAL NO.	CE-952	NATIONALITY AND REGISTRATION MARK	N-1833D
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)	
	JOSEPH L. HARR		10192 CARY CIRCLE CYPRESS, CA. 90630	

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.
WEST END AVIATION		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	DONALD P. TOWNSEND	
2837 E. SPRING ST.		<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	MP 550989302	
LONG BEACH, CA. 90806		<input 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	SIGNATURE OF AUTHORIZED INDIVIDUAL
3-16-88	Donald P. Townsend

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
BY	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT
DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL	
3-16-88	618006	R.T. Cook	

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.)

3-16-88 N-1833D

*INSTALLED AILERON AND WING FLAP SEALS AS PER
STC SA117650. WORK ACCOMPLISHED IN ACCORDANCE
WITH D'SHANNON PRODUCTS DRAWING B-6300 REV A
DATED OCTOBER 8, 1980, INSTALLATION INSTRUCTIONS,
AND FAR-AC-43-13-1A. WEIGHT CHANGE NEGLIGIBLE.*

NOTHING FOLLOWS

☐ ADDITIONAL SHEETS ARE ATTACHED

100-6200

★ U.S. GOVERNMENT PRINTING OFFICE: 1977-771-021/34

RECEIVED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R000-1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
				OFFICE IDENTIFICATION WP-FSDO-9	
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.					
1. AIRCRAFT	MAKE	BEECHCRAFT		MODEL	F33A
	SERIAL NO.	CE-952		NATIONALITY AND REGISTRATION MARK	USA N1833D
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	KARAHADIAN RANCHES			P.O. BOX 756 THERMAL, CALIF 92274	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
AVIONICS AT PALOMAR			U.S. CERTIFICATED MECHANIC		403-37
2188 B PALOMAR AIRPORT RD			FOREIGN CERTIFICATED MECHANIC		RADIO 1,2,3
CARLSBAD, CALIF 92008			CERTIFICATED REPAIR STATION		LIMITED AIRFRAME
			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		
8/20/85			[Signature]		
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		
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
8/20/85		403-37	[Signature]		

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 3 M Ryan Stormscope model WX10A in accordance with manufacturers installation instructions.
2. Installed Stormscope Antenna on belly of aircraft at STA. 129 using Supplied doubler plate.
3. Stormscope processor and display unit installed in space provided by aircraft manufacturer.
4. An electrical load check was performed and it was found that the maximum electrical load does not exceed 80% of the generating capacity of the electrical charging system.
5. All materials used and all the above work performed was in accordance with acceptable methods and techniques set forth in AC 43.13-1A and 43.13-2A.
6. Revised aircraft weight and balance records.

-----END-----

NAME: KENNEDY, JAMES

ADDRESS: 1000

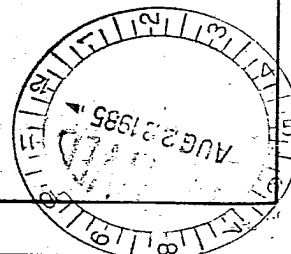
CH-225

DATE: 7-20-87

WEECHICVA

1000

☐ ADDITIONAL SHEETS ARE ATTACHED



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
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.				OFFICE IDENTIFICATION	
1. AIRCRAFT	MAKE	BEECHCRAFT	MODEL	f33A	
	SERIAL NO.	CE-952	NATIONALITY AND REGISTRATION MARK	USA N1833D	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	KARAHADIAN RANCHES INC.		P.O. Box 756 THERMAL, CALIF. 92274		
- 3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	(As described in item 1 above)			REPAIR	ALTERATION
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
AVIONICS AT PALOMAR 2188B PALOMAR AIRPORT RD CARLSBAD, CALIF 92008			U.S. CERTIFICATED MECHANIC		403-37 RADIO 1,2,3, LIMITED AIRFRAME
			FOREIGN CERTIFICATED MECHANIC		
			<input checked="" type="checkbox"/> 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			
3/23/84		<i>Bill Eng</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 <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	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.		SIGNATURE OF AUTHORIZED INDIVIDUAL	
3/23/84		403-37		<i>Bill Eng</i>	

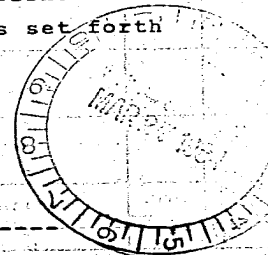
NOTICE

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.)

1. Relocated No. 2 nav indicator to co-pilots instrument panel.
2. Installed aviation instrument manufacturing corporation 200DCL directional gyro and 500 DCFL attitude gyro in pilots instrument subpanel.
3. An electrical load check was performed and it was found that the maximum continuous electrical load does not exceed 80% of the generating capacity of the electrical charging system.
4. All materials used and all the above work accomplished was in accordance with acceptable methods and techniques set forth in AC 43.13-1A and 43.13-2A.
5. Revised aircraft weight and balance records.

END



☐ ADDITIONAL SHEETS ARE ATTACHED

①/4/5/91

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION APPLICATION FOR AIRWORTHINESS CERTIFICATE				INSTRUCTIONS—Print or type. Do not write in shaded areas; these 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.			
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING		
	N1833D	BEECH AIRCRAFT CORP.	F33A	1981	1151425		
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION	17632			
	CE-952	Continental	IO-520-BB				
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS:				
	1	Hartzell	PHC-C3YF-1RF	<input type="checkbox"/> NEW <input type="checkbox"/> USED <input type="checkbox"/> IMPORT			
II. CERTIFICATION REQUESTED	APPLICATION IS HEREBY MADE FOR: (Check applicable items)						
	A <input type="checkbox"/> 1 <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category) <input type="checkbox"/> NORMAL <input checked="" type="checkbox"/> UTILITY <input type="checkbox"/> ACROBATIC <input type="checkbox"/> TRANSPORT <input type="checkbox"/> GLIDER <input type="checkbox"/> BALLOON						
	B <input type="checkbox"/> SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)						
	2 <input type="checkbox"/> LIMITED						
	5 <input type="checkbox"/> PROVISIONAL (Indicate class)						
	3 <input type="checkbox"/> RESTRICTED (Indicate operation(s) to be conducted)						
	4 <input type="checkbox"/> EXPERIMENTAL (Indicate operation(s) to be conducted)						
	8 <input type="checkbox"/> SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)						
	C <input type="checkbox"/> 6 <input type="checkbox"/> MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)						
	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 CORP.				ADDRESS 9709 E. Central Wichita, Kansas 67201			
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)							
X <input type="checkbox"/> AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) 3A15, Rev. 65				X <input type="checkbox"/> AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) Issue 81-07			
AIRCRAFT LISTING (Give page No(s)). N/A				X <input type="checkbox"/> SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA785CE, SA3231SW-D			
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS							
X <input type="checkbox"/> CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173							
TOTAL AIRFRAME HOURS—Enter for most aircraft only 2:25							
3 <input 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 4-23-81							
NAME AND TITLE (Print or type) Ron J. Nelson - Foreman Flight Inspection							
SIGNATURE <i>Ron J. Nelson</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)						
	2 <input type="checkbox"/> FAR PART 121 or 127 CERTIFICATE HOLDER (Give Certificate No.)		3 <input type="checkbox"/> CERTIFIED MECHANIC (Give Certificate No.)		6 <input type="checkbox"/> CERTIFIED REPAIR STATION (Give Certificate No.)		
	5 <input type="checkbox"/> AIRCRAFT MANUFACTURER (Give Name of Firm)						
	DATE 4-23-81						
TITLE ACE EMDO							
SIGNATURE <i>D. M. Porteous</i>							
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under <input type="checkbox"/> FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145.						
	DATE 4-23-81		DISTRICT OFFICE ACE EMDO 3-0-43		DESIGNEE'S SIGNATURE AND NO. D. M. Porteous, DOA, PC#8		
				FAA INSPECTOR'S SIGNATURE			

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER	
	NAME	ADDRESS
	B. PRODUCTION BASIS (Check applicable item)	
	PRODUCTION CERTIFICATE (Give production certificate number)	
	TYPE CERTIFICATE ONLY	
	APPROVED PRODUCTION INSPECTION SYSTEM	
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:	
	DATE OF APPLICATION	SIGNATURE
	NAME AND TITLE (Print or type)	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT	
	REGISTERED OWNER	ADDRESS
	BUILDER (Make)	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 301 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	SIGNATURE	
	NAME AND TITLE (Print or type)	
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	G. Statement of Conformity, FAA Form 317 (Attach when required)
	<input type="checkbox"/> B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183(a) per 21.273 (Copy attached)
	<input type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required)	
	<input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records	

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

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N1833D	BEECH AIRCRAFT CORP. P33A	CE-952	UTILITY

5. AUTHORITY AND BASIS FOR ISSUANCE
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 B to the Convention on International Civil Aviation, except as noted herein.

NONE

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, partworthiness maintenance, and alterations are performed in accordance with Parts 23, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
Apr. 23, 1981	D. M. Porteous	DOA, PC#8

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: 1984-575-528

FAA AIRCRAFT REGISTRY
CAMERA NO. 3

DATE: 8-16-85