N252RC

1987 KingAir C90A

FAA
Form 337's

MSN: LJ-1152

RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

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: N252RC	Serial No.: LJ-1152	
	Make: Beechcraft	Model: C90A	Series: King Air
2. Owner	Name *(As shown on registration certificate)*: Ivey Mechanical Company, LLC	Address *(As shown on registration certificate)*: Address: PO Box 610; City: Kosciusko; State: MS; Zip: 39090; Country: USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	Beechcraft	*(As described in Item 1 above)*	LJ-1152
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type / Manufacturer		

6. Conformity Statement

A. Agency's Name and Address
Name: Dean Aircraft Service
Address: 2913 Highway 11 South
City: Meridian State: MS
Zip: 39307 Country: USA

B. Kind of Agency
- ☐ U. S. Certificated Mechanic
- ☐ Foreign Certificated Mechanic
- ☒ Certificated Repair Station
- ☐ Certificated Maintenance Organization
- ☐ Manufacturer

C. Certificate No.: 96AR974C

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: 8/26/19

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
- ☐ Inspection Authorization
- Other *(Specify)*

Certificate or Designation No.: 96AR974C

Signature/Date of Authorized Individual: 8/26/19

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.)

N252RC	08/26/19
Nationality and Registration Mark	Date

Installed ADS-B out.

Removed Garmin GNS530W and KXP 756 Transponder.

Installed Avidyne IFD540 PN 700-00182-000 SN 09199 IAW Avidyne IFD540 Installation Document No. 600-00299-000 R17.

Installed APX322 transponder PN 200-00269-000 SN 6965 IAW Avidyne APX322 Installation Document No. 600-00312-000 R4.

Wiring installation and interfacing accomplished IAW Textron Aviation Inc. Model C90A Maintenance Manual and acceptable methods outlined in AC 43.13-1B Chapter 11 and the above listed installation manuals.

FAA approved flight manual supplements for above listed equipment placed with the aircrafts operating handbook.

Instructions for continued airworthiness AVIFD-315 and AVAXP-007 placed with aircraft permanent records.

Logbook entry placed with aircraft permanent records.

Weight and balance change negligible.

----------END----------

☐ Additional Sheets Are Attached

Aircraft Make	Aircraft Model(s)	Type Certificate Number	Certification Basis	Model Specific Information
Textron Aviation Inc. (Beechcraft)	D17S (Army UC-43, UC-43B, Navy GB-1, GB-2), SD17S	A-649	14 CFR Part 23	Wire Harness overbraid is required for IFR installations. Reference the Installation Manual for installation requirements.
	18D, A18A, A18D, S18D, SA18A, SA18D	A-684	Aero 7A	
	3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J (SNB-5P), E18S-9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J, UC-45J (SNB-5)	A-765	CAR3	
	35, A35, B35, C35, D35, E35, F35, G35, 35R	A-777	CAR 3	
	H35, J35, K35, M35, 35-33, N35, 35-A33, 35-B33, P35, S35, 35-C33, E33, F33, V35, V35A, V35B, 35-C33A, E33A, E33C, 36, A36, G36, F33A, F33C, G33, A36TC, B36TC, G36	3A15	CAR 3	
	95, B95, 95-55, 95-A55, B95A, D95A, E95, 95-B55, 95-B55A, 95-B55B, 95-C55, D55, 95-C55A, D55A, E55, E55A, 56TC, A56TC, 58, 58A, G58	3A16	CAR 3	
	65, 65-A90-1, A65, 65-A90-2, A65-8200, 65-A90-3, 65-80, 65-A90-4, 65-A80, 65-A80-8800, 65-B80, 65-88, 65-90, 65-A90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90,	3A20	CAR3, 14 CFR Part 23	
	45 (YT-34), A45 (T-34A) or (B-45), D45 (T-34B)	5A3	CAR 3	
	50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL-23D), F50, G50, H50, J50	5A4	CAR 3	
	19A, B23, B19, C23, M19A, A24, 23, A24R, A23, B24R, A23A, C24R, A23-19, A23-24	A1CE	CAR 3	
	60, A60, B60	A12CE	14 CFR Part 23	

FAA Approved Date: _____

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00343BO

This certificate issued to:

Avidyne Corporation
4 Middlesex Green, Suite 221
561 Virginia Road
Concord, MA 01742

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number: See attached FAA Approved Model List (AML), Document No. AVIFD-318, Revision 03, FAA approved on March 06, 2017, or later FAA approved revision, for the list of approved airplane models, applicable installation data requirements, and specific limitations.
Make:
Model:

Description of Type Design Change:
Installation of a single configuration or of a dual configuration Avidyne Corporation Integrated Flight Display, Model IFD5XX and/or Model IFD4XX, loaded with Release 10.2 software (or later FAA approved release), in accordance with Avidyne Corporation Master Document List (MDL), Document Number AVIFD-306, Revision 11, dated February 28, 2017, or later FAA approved revision.

Limitations and Conditions: See Page 2

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

Date of Application: February 14, 2013

Date of Issuance: July 24, 2014

Date reissued:

Date amended: June 18, 2015, March 06, 2017

By direction of the Administrator

Signature Nicholas Faust

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

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00343BO
March 06, 2017

Limitations and Conditions:

1. Operation must be in accordance with the Avidyne Corporation Aircraft Flight Manual Supplement (AFMS) Document Number 600-00298-000, Revision 05, FAA approved on March 06, 2017, or later FAA approved revision.

   The AFMS must be carried in the aircraft during all flights.
2. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA), Document Number AVIFD-315, Revision 08, dated January 18, 2017, or later FAA accepted revision.

   The ICA must be made available to the operator at the time of installation.
3. The compatible approved software for the IFD4XX and IFD5XX are identified in the installation manual identified on the approved MDL.
4. Model IFD4XX and/or Model IFD5XX can interface only with proven compatible avionics systems as identified by vendor name and model number in Avidyne Corporation Installation Manual Section 2.3, Document Number 600-00299-000, Revision 04, dated April 09, 2015, or later FAA approved revision.
5. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:
Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Make Model aircraft is as follows:

a. The type certification basis for parts **not changed or not affected** by the change is shown on the applicable TCDS.

(continued on Page 4 of 4)

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

Supplemental Type Certificate

Number SA00343BO
March 06, 2017

Certification Basis: (continued from Page 3 of 4)

b. The modification certification basis for parts **changed or affected** by the change since the reference application date, February 14, 2013, is based upon part 23 as amended by Amendment 23-62 as follows:

Regulations at the latest amendment 23-0 through 23-62

23.301(a), 23.303, 23.305, 23.307(a), 23.337, 23.473(d)(g), 23.561(a)(b)(3)(e), 23.601, 23.603, 23.605, 23.607(b), 23.609, 23.611, 23.613, 23.627, 23.771(a), 23.773(a)(2), 23.777(a)(b), 23.853(a), 23.867(b), 23.301, 23.1306(b), 23.1307, 23.1308(b), 23.1309, 23.1311(a)(1)(2)(3)(4)(6)(7), 23.1321(a)(c)(e), 23.1322, 23.1329(h), 23.1331(a)(b)(1), 23.1351(a), 23.1353(h), 23.1357(a)(b)(c)(d), 23.1359(c), 23.1365(a)(b)(d)(e), 23.1367, 23.1381, 23.1431(a)(b)(d)(e), 23.1501, 23.1523, 23.1525, 23.1529, 23.1541 (a)(2)(b), 23.1555(a)(b), 23.1559(c)(d), 23.1581(a)(b)(c)(f), 23.1583(h)(m), 23.1585(j)

Regulations at an intermediate amendment

None

Regulations at the amendment level in the applicable TCDS

None

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Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

Aircraft Make	Aircraft Model(s)	FAA Type Certificate Number	Certification Basis	Model Specific Information
Textron Aviation Inc. (Beechcraft)	D17S (Army UC-43, UC-43B, Navy GB-1, GB-2), SD17S	A-649	14 CFR Part 23	Wire Harness overbraid is required for IFR installations. Reference the Installation Manual for installation requirements.
	18D, A18A, A18D, S18D, SA18A, SA18D	A-684	Aero 7A	
	3N, 3NM, 3TM, JRB-6, D18C, D18S, E18S, RC-45J (SNB-5P), E18S-9700, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J, UC-45J (SNB-5)	A-765	CAR3	
	35, A35, B35, C35, D35, E35, F35, G35, 35R	A-777	CAR 3	
	H35, J35, K35, M35, 35-33, N35, 35-A33, 35-B33, P35, S35, 35-C33, E33, F33, V35, V35A, V35B, 35-C33A, E33A, E33C, 36, A36, G36, F33A, F33C, G33, A36TC, B36TC	3A15	CAR 3	
	95, B95, 95-55, 95-A55, B95A, D95A, E95, 95-B55, 95-B55A, 95-B55B, 95-C55, D55, 95-C55A, D55A, E55, E55A, 56TC, A56TC, 58, 58A, G58	3A16	CAR 3	
	65, 65-A90-1, A65, 65-A90-2, A65-8200, 65-A90-3, 65-80, 65-A90-4, 65-A80, 65-A80-8800, 65-B80, 65-88, 65-90, 65-A90, 70, B90, C90, C90A, C90GT, C90GTi, E90, H90,	3A20	CAR3, 14 CFR Part 23	
	45 (YT-34), A45 (T-34A) or (B-45), D45 (T-34B)	5A3	CAR 3	
	50 (L-23A), B50 (L-23B), C50, D50 (L-23E), D50A, D50B, D50C, D50E, D50E-5990, E50 (L-23D, RL-23D), F50, G50, H50, J50	5A4	CAR 3	
	19A, B23, B19, C23, M19A, A24, 23, A24R, A23, B24R, A23A, C24R, A23-19, A23-24	A1CE	CAR 3	
	60, A60, B60	A12CE	14 CFR Part 23	

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00352BO

This certificate issued to:

Avidyne Corporation
4 Middlesex Green, Suite 221
561 Virginia Road
Concord, MA 01742

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number:
Make:
Model:

See attached FAA Approved Model List (AML), Document No. AVAXP-006, Revision 01, or later FAA approved revision, for the list of approved airplane models, applicable installation data requirements, and specific limitations.

Description of Type Design Change:

Installation of an Avidyne Corporation Mode A/C/S Transponder with ADS-B Out capability, Model AXP340 loaded with Version 3.13 software (or later FAA approved version) or Model AXP322 with Version 2.7 software (or later FAA approved version), in accordance with Avidyne Corporation Master Document List (MDL), Document Number AVAXP-005, Revision 03, dated October 27, 2016, or later FAA approved revision.

(continued on Page 3 of 4)

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

Date of Application: September 19, 2014

Date of Issuance: April 09, 2015

Date reissued:

Date amended: November 30, 2016

By direction of the Administrator

Signature _____
Nicholas Faust

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

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00352BO
November 30, 2016

Limitations and Conditions:

1. Operation must be in accordance with the Avidyne Corporation Aircraft Flight Manual Supplement (AFMS) Document Number 600-00309-000, Revision 01, or later FAA approved revision.

   The AFMS must be carried in the aircraft during all flights.
2. Maintenance must be in accordance with Instructions for Continued Airworthiness (ICA), Document Number AVAXP-007, Revision 02, dated October 4, 2016, or later FAA accepted revision.

   The ICA must be made available to the operator at the time of installation.
3. Model AXP340 can interface only with proven compatible avionics systems as identified by vendor name and model number in Avidyne Corporation Installation Manual Section 6.6.4, Document Number 600-00308-000, Revision 00, dated January 09, 2015, or later FAA approved revision.
4. Model AXP340 must have a Squat Switch Source input in order to be ADS-B Out compliant, as stated in Avidyne Corporation Installation Manual Section 7.5.6, Document Number 600-00308-000, Revision 00, dated January 09, 2015, or later FAA approved revision.
5. Model AXP322 can interface only with proven compatible avionics systems as identified by vendor name and model number in Avidyne Corporation Installation Manual Section 6.5.4, Document Number 600-00312-000, Revision 02, dated October 17, 2016, or later FAA approved revision.
6. Model AXP322 must have a Squat Switch Source input in order to be ADS-B Out compliant, as stated in Avidyne Corporation Installation Manual Section 6.3.6, Document Number 600-00312-000, Revision 02, dated October 17, 2016, or later FAA approved revision.
7. Compatibility of this design with previously approved modifications must be determined by the installer.

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00352BO
November 30, 2016

Certification Basis:
Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Make Model aircraft is as follows:

a. The type certification basis for parts **not changed or not affected** by the change is shown on the applicable TCDS.

b. The modification certification basis for parts **changed or affected** by the change since the reference application date, September 19, 2014, is based upon part 23 as amended by Amendment 23-62 as follows:

Regulations at the latest amendment 23-0 through 23-62
23.301(a), 23.303, 23.305, 23.307(a), 23.337, 23.561(a)(b)(3)(e), 23.601, 23.603, 23.605, 23.607, 23.609, 23.611, 23.613, 23.771(a), 23.773(a)(2), 23.777(a)(b), 23.853(a), 23.867(b)(1), 23.1301, 23.1306(b), 23.1307, 23.1308(c), 23.1309, 23.1322, 23.1351(a)(2)(i), 23.1357(a)(b)(c)(d), 23.1359(c), 23.1365(a)(b)(d)(e), 23.1367, 23.1381(a)(b), 23.1431(a)(b)(e), 23.1501, 23.1523, 23.1525, 23.1529, 23.1541 (a)(2)(b), 23.1555(a)(b), 23.1559(c)(d), 23.1581(a)(b)(c)(f), 23.1583(h)(m), 23.1585(j)

Regulations at an intermediate amendment
None

Regulations at the amendment level in the applicable TCDS
None

----------END----------

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

US Department of Transportation
Federal Aviation Administration

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

RECEIVED
AUG 01 2005

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification GE-117 IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

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.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	[ ] U.S. Certificated Mechanic [ ] Foreign Certificated Mechanic [X] Certified Repair Station [ ] Manufacturer	PG2R082L

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
7-18-2005	Timothy E. Eenige

7. Approval for Return To Service

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

BY							
	[ ]	FAA Flt Standards Inspector	[ ]	Manufacturer	[ ]	Inspection Authorization	Other *(Specify)*
	[ ]	FAA Designee	[X]	Repair Station	[ ]	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
7-18-2005	PG2R082L	Timothy E. Eenige

FAA Form 337 (12-88)

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.)

N 252RC S/N: LJ-1152

Installed the following avionics consisting of:

1. Avidyne model no. XMD076-01 XM WX Datalink Receiver, mounted in the forward avionics bay.
2. Comant model no. CI-420-1 XM Satellite antenna mounted on top of the nose over the forward baggage area at FS 63.5 .

Installation completed using Avidyne XMD076 XM WX Datalink Receiver Installation Manual Document Control No. XMD076-3 Dated 08/05/2004. The XMD076 original certification was accomplished under the same STC as the EX500, this aircraft appears on the Approved model list for the EX-500 STC Master Document List Applicable to STC SA00161BO.

The CI-420-1 antenna skin doubler installation was fabricated from 2024T3 .040" aluminum using methods, techniques and practices in a like manner to Figure 3.6 of AC43.13-2A, chapter 3, and corrosion protection was applied to the plate in accordance with AC43.13-1B, chapter 6, paragraph 134 (d). The doubler plate was secured to the aircraft skin using AN rivets spaced approximately 1 inch apart. The antenna is secured to the aircraft using AN hardware and plate nuts riveted to the doubler.

The WX Datalink is being displayed on the existing Avidyne model no. EX-500, which was previously installed on FAA Form 337 Dated 12/1/2004.

A Pilot's Operating Handbook P/N 600-00078-000 Rev. 03 has been placed in the aircraft.

Instructions for continued airworthiness supplied by Document Number AVMFD-83 Rev. 05 Dated 10/15/04.

Aircraft Weight & Balance and Equipment List updated to reflect this alteration.

********** END **********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

IND FSDO RECEIVED

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification GL-11 / IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRINGS AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREET HUNTSVILLE, AL. 35801

3. For FAA Use Only

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

4/8/05 — Date
FAA Inspector

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.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certified Repair Station Manufacturer	PG2R082L

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: 4/8/2005
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		Inspection Authorization	Other *(Specify)*
		FAA Designee	X	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
4/8/2005	PG2R082L	[signature]

FAA Form 337 (12-88)

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.)

N 252 RC S/N: LJ-1152

Removed GNS-530 and the GNS-530 Flight Manual Supplement which was installed on 12/06/2004 and sent to Garmin for upgrade to a GNS530/TAWS. This is a class B Installation and the Installation was a follow on to STC # SA00864WI.

Installed Garmin model no. GNS530 P/N 011-00940-01, mounted in the radio stack location provided by the aircraft manufacturer.

Installation completed using Garmin GNS-530 Installation Manual P/N 190-00181-02 Rev. M dated 02/05.

A 400/500 Series Pilot's Guide Addendum for the TAWS, P/N 190-00140-13 Rev. C, has been placed in the aircraft.

The FAA Approved Flight Manual Supplement dated 4/8/05 has been incorporated into the Aircraft Flight Manual.

Instructions for Continued Airworthiness for this installation are described in a FAA Form 337 dated 12/06/2004.

Aircraft and records have been inspected and reviewed to ensure that prior alterations and /or repair are compatible with this alteration. This alteration will not impact the airworthiness of this aircraft as it relates to prior alterations and/ or repairs.

Aircraft weight & balance change negligible..

**********END**********

☐ 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
ASW-ESDO-11

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: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name (As shown on registration certificate): BIG SPRINGS AIRCRAFT SALES LLC.	Address (As shown on registration certificate): 404 WHITE ST SE HUNTSVILLE, AL 35801-3106

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.
ROSE AIRCRAFT SERVICES. INC. 132 FLIGHT LN. MENA. AR. 71953	☐ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic X Certificated Repair Station ☐ Manufacturer	HR2R882K

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
01-13-2005	R. J. BAKER

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 X APPROVED ☐ REJECTED

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
01-13-2005	HR2R882K	R. J. BAKER

FAA Form 337 (12-88)

NOTICE

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

8. Description of Work Accomplished

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

BEECHCRAFT C90A S/N LJ-1152 DATE: 01-13-2005

1. Installed Raisbeck Engineering dual aft body strakes, per S.T.C. SA4010NM, in accordance with Raisbeck Engineering drawing list, 87-2004 rev. F dated 9-01-2004.
2. Installed Raisbeck Engineering nacelle overwing storage lockers and lower flap fairings, per S.T.C. SA2939NM, in accordance with Raisbeck Engineering drawing list, 85-1001 rev. O dated 6-24-04. A copy of the flight manual supplement has been inserted in the supplement section of the aircraft flight manual.
3. Weight change was calculated, the aircraft weight and balance record was revised as required.

—END—

RECEIVED
JAN 20 2005
LIT-FSDO-11

X Additional Sheets Are Attached

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA2939NM

This certificate, issued to Raisbeck Engineering

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 *of the* Federal Air *Regulations.* (See Type Certificate Data Sheet 3A20 for complete certification basis)

Original Product—Type Certificate Number: 3A20

Make: Beech

Model: 65-90, 65-A90, B90, C90, C90A, E90

Description of Type Design Change: Installation of nacelle overwing stowage lockers and lower flap fairing in accordance with FAA-approved Raisbeck Engineering List 85-1001, Revision F, dated August 21, 1990, or later FAA-approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Raisbeck Engineering Drawing List 85-1001 shall be maintained as part of the permanent records of 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: July 5, 1983

Date reissued:

Date of issuance: September 13, 1985

Date amended: August 24, 1990

By direction of the Administrator

Stewart K. Miller

(Signature)

Assistant Manager, Seattle
Aircraft Certification Office

(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

RAISBECK ENGINEERING

DWG	SHT	TITLE	REV	ADCN	DATE
85-1007	-	Installation Instructions	F	1	11/01/97
85-3550	PL	Wing Locker Assembly	B		06/15/04
85-3550	3	Wing Locker Assembly	K		11/30/01
85-3550	4	Wing Locker Assembly	H		06/24/04
85-3550	5	Wing Locker Assembly	D		11/20/01
85-3550	6	Wing Locker Assembly	E		11/20/01
85-3550	8	Wing Locker Assembly	E		11/20/01
85-3550	9	Wing Locker Assembly	D		11/20/01
85-3550	10	Wing Locker Assembly	D		11/20/01
85-3550	11	Wing Locker Assembly	D		11/27/01
85-3510	PL	Details – Mounting Parts for Raisbeck Wing Locker	IR		9/8/00
85-3510	1	Details – Mounting Parts for Raisbeck Wing Locker	D		9/8/00
85-3510	2	Details – Mounting Parts for Raisbeck Wing Locker	A		7/17/87
85-3510	4	Details – Mounting Parts for Raisbeck Wing Locker	E		9/8/00
85-3520	PL	Wing Locker Details-L/H & R/H for Raisbeck Wing Locker Installation	IR		9/21/00
85-3520	1	Wing Locker Details-L/H & R/H for Raisbeck Wing Locker Installation	C		9/21/00
85-3520	2	Wing Locker Details-L/H & R/H for Raisbeck Wing Locker Installation	D		9/20/00
85-3520	3	Wing Locker Details-L/H & R/H for Raisbeck Wing Locker Installation	A		9/21/00
85-3520	4	Wing Locker Details-L/H & R/H for Raisbeck Wing Locker Installation	A		9/20/00
85-3521	1	Latch Assembly	IR		03/25/91
A3219-1	1	Hold Open Rod (Norco, Inc.)	IR		05/02/95
C16-08583	1	Gas Spring (SUSPA)	IR		
85-101	-	Flight Manual Supplement	C		01/31/01
85-3560	1	Wing Locker Door Hinges	A		9/21/00
85-3560	2	Wing Locker Door Hinges	IR		03/14/88
85-3560	3	Wing Locker Door Hinges	B	1	05/02/95
H3-1714	1	Pin Latch Assy	G		03/02/01
H3-1714	3	Pin Latch Assy	D		03/02/01

MASTER DRAWING LIST

SIZE	DWG NO: 85-1001 - STC SA2939NM DRAWING LIST Raisbeck Engineering Wing Locker for King Air Model 65-90/65A-90/B90/C90/C90A/E90		REV LTR
A			O
6-24-04	SCALE	PG	1 of 2

Everett E. Murvine
APPROVED

RAISBECK ENGINEERING

DWG	SHT	TITLE	REV	ADCN	DATE
RES-102		Installation of Permanent Fastners	A		04/11/83
RES-103		Part Markings	B		04/04/83
RES-104		Forming, Straightening & Fitting Metal Parts	IR		04/15/83
RES-105		Bolt and Nut Installation	IR		04/16/83
RES-106		Manufacture of Fiberglass Reinforced Products	F		09/04/96

MASTER DRAWING LIST

SIZE	DWG NO: 85-1001 - STC SA2939NM DRAWING LIST Raisbeck Engineering Wing Locker for King Air Model 65-90/65-A90/B90/C90/C90A/E90	REV LTR
A		O

Everett E. Murvine
APPROVED

6-24-04	SCALE	PG	2 of 2

RAISBECK ENGINEERING

November 30, 2004

Michael Montgomery
132 Flight Lane
Mena, AR 71953

Dear Michael,

With the sale of this Raisbeck Engineering Inc. (REI) STC's; REI agrees to permit the buyer or the buyers agent or agency to use the Certificate to alter the product under the terms and conditions of these STC's.

With this letter, REI is giving written permission for Rose Aircraft to install the following STC's on aircraft serial number LJ-1152:

- SA4010NM (Dual Aft Body Strakes)
- SA2939NM (Nacelle Wing Lockers)

Sincerely,

Bobby Patton

Bobby Patton
Customer & Technical Service

4411 South Ryan Way • Seattle, WA 98178 • USA 800-537-7277 • International 1-206-723-2000 • FAX 206-723-2884

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA4010NM

This certificate, issued to Raisbeck Engineering

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 *of the* Federal Air *Regulations.* (See Type Certificate Data Sheet 3A20 for complete certification basis)

Original Product — Type Certificate Number: 3A20

Make: Beech

Model: 65-90, 65-A90, B90, C90, C90A, and E90

Description of Type Design Change: Installation of lower aft fuselage strakes in accordance with FAA-approved Raisbeck Engineering List 87-2004, Revision IR, dated August 10, 1987, or later FAA-approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Raisbeck Engineering Drawing List 87-2004 shall be maintained as part of the permanent records of the modified aircraft.

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

Date of application: June 22, 1987

Date reissued:

Date of issuance: August 24, 1987

Date amended: November 23, 1990

By direction of the Administrator

D. L. Riggin

(Signature)

Manager, Seattle Aircraft Certification Office

(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

RAISBECK ENGINEERING

DWG	SHT	TITLE	REV	ADCN	DATE
87-2024	--	Installation Instructions Raisbeck Dual Aft Body Strakes	C		5/20/90
90-1402	1	Aft Body Strake Installation	IR		5/10/90
90-1402	2	Aft Body Strake Installation	IR		5/10/90
81-3402	1	Aft Body Strake Assembly	D	2	9/8/99
81-3405	1	Aft Body Strake Details	E	1	9/8/99
81-3405	2	Aft Body Strake Details	B	1	2/1/88
81-3405	3	Aft Body Strake Details	C		10/16/97
81-3414	1	Ventral Fin Plug	IR		11/9/82
90-3402	--	Aft Body Strake Assembly	IR		5/10/90
90-3405	1	Aft Body Strake Details	C		8/28/00
RES-102	--	Process Specification – Installation of Permanent Fasteners	A		4/11/83
RES-103	--	Process Specification – Part Markings	B		4/4/83

MASTER DRAWING LIST

SIZE	DWG NO: 87-2004 STC SA4010NM Raisbeck Dual Aft Body Strake Installation Beechcraft King Air 65-90/65-A90/B90/C90/E90	REV LTR
A		F
9/01/2000	SCALE	PG 1 of 1

Everett E. Murvine
APPROVED

RAISBECK ENGINEERING

November 30, 2004

Michael Montgomery
132 Flight Lane
Mena, AR 71953

Dear Michael,

With the sale of this Raisbeck Engineering Inc. (REI) STC's; REI agrees to permit the buyer or the buyers agent or agency to use the Certificate to alter the product under the terms and conditions of these STC's.

With this letter, REI is giving written permission for Rose Aircraft to install the following STC's on aircraft serial number LJ-1152:

- SA4010NM (Dual Aft Body Strakes)
- SA2939NM (Nacelle Wing Lockers)

Sincerely,

Bobby Patton

Bobby Patton
Customer & Technical Service

4411 South Ryan Way • Seattle, WA 98178 • USA 800-537-7277 • International 1-206-723-2000 • FAX 206-723-2884

US Department of Transportation
Federal Aviation Administration

IND FSDO RECEIVED DEC 27 2004

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

IND FSDO RECEIVED DEC 10 2004

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification GL-11 / IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

3. For FAA Use Only

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

DEC 1 6 2004 — DATE — SIGNATURE — IND-FSDO

4. Unit Identification / **5. Type**

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certified Repair Station Manufacturer	PG2R082L

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: 12-20-2004

Signature of Authorized Individual: Timothy E. Eenge

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
12-20-2004	PG2R082L	Timothy E. Eenge

FAA Form 337 (12-88)

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.)

N 252RC S/N: LJ-1152

Certified for IFR flight a previously installed Garmin GNS 530 GPS navigation system shown on FAA Form 337 dated 12/6/2004.

The GNS 530 unit's software revision status is Main 4.00, GPS 3.01.

The aircraft was test flown and found to meet the requirements for IFR enroute, terminal and approach navigation per AC 20-138A, paragraph 8a(2),(3),(4), 8c(2)(ii),21 (4), 22 (5), 23 a, b, (1), (2), (3), (4), (i), (ii), (iii), (iv), (v), 5,6,7, c (1), 2 (i), (ii), (iii)(iv).

Repair Station Representative signature certifying IFR accuracy requirements:

J Buck Cert. No. 233928 Date 7 DEC 04

A GNS 530 Pilot's Guide, P/N 190-00181-00 Rev. C, dated 04/03, has been placed in the aircraft.

The FAA Approved Flight Manual Supplement dated DEC 16 2004 has been incorporated into the Aircraft Flight Manual.

The placard stating "GPS not to be used for navigation" is to be removed upon FAA approval.

Instructions for Continued Airworthiness for this installation are described in a separate FAA Form 337 dated 12/6/2004 .

**********END**********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

IND FSDO RECEIVED DEC 08 2004

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification GL-117 IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

3. For FAA Use Only

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

DEC 05 2004 (DATE) SIGNATURE IND-FSDO

4. Unit Identification / **5. Type**

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	[ ] U.S. Certificated Mechanic [ ] Foreign Certificated Mechanic [X] Certified Repair Station [ ] Manufacturer	PG2R082L

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: 12-6-2004 — Signature of Authorized Individual: Timothy E. Eenge

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
12-6-2004	PG2R082L	Timothy E. Eenge

FAA Form 337 (12-88)

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.)

N 252RC S/N: LJ-1152

Installed Shadin DIGIDATA Fuel Flow/Airdata Computer, part no. 912802-03, TSO C106 and C44a, has been installed in accordance with Shadin DIGIDATA Installation Manual P/NIM2803 Rev. J.

The fuel/airdata computer is supplemental and was mounted in the Pilot's instrument panel and connected to the Beech fuel flow Indicator P/N 267-917-003. Also installed and incorporated into the system is an outside air temperature probe, part no. 681201A-1, mounted on the bottom inboard left wing root, using the hardware and technique shown in Shadin drawing no. 4028-005.

The DIGIDATA Computer receives aircraft heading information derived from the pilot's Bendix/King HSI, model no KPI-552. Heading bootstrap information is routed from the pilot's HSI, model no. KPI-552, part no. 066-3024-17, to the DIGIDATA computer using Bendix/King KFC-250 Installation Manual part no 006-00232-0000 and Shadin drawing no. 4005-483. Digidata is interfaced to the Garmin Model no. GNS 530 using Garmin Installation Manual P/N190-00181-02 Rev. J. Static and pitot instrument air is routed to the DIGIDATA computer from the pilot's flight instruments.

The computer mechanical installation was performed in accordance with AC43.13-2A, chapters 1 and 2; hardware selected from standard aircraft hardware as described in AC43.13-1B, change 1, chapter 7. The pitot and static instrument air line were fabricated, inspected and installed per AC43.13-2A, chapter 11. Pitot/static leak check performed I/A/W FAR 91.411. The unit electrical power is supplied through a Potter & Brumfield circuit breaker, part no. 7277-2-2, connected to the essential buss and labeled **SHADIN DIGIDATA** as specified in AC43.13-1B, change 1, chapter 11, section 3. All wiring selected from standard aircraft grade wire as described in AC43.13-1B, change 1, chapter 11, section 6, as follows:

- System power and airframe ground connections made using Tefzel 20 gauge wire, part no. M22759/16-20-9
- Fuel flow Indicators connection made using Tefzel 22 gauge 3-conductor twisted shielded wire, part no. M27500/22TG3T14
- Temperature probe connection made using Tefzel 22 gauge twisted shielded pair, part no. M27500/22TG2T14
- Heading bootstrap connection made using Tefzel 22 gauge 3-conductor and 2-conductor shielded wire, part no. M27500/22TG3T14 and M27500/22TG2T14 respectively

An electrical load analysis described in AC43.13-1B, change 1, chapter 11, section 3, indicates the total continuous load does not exceed 80% of alternator rating.

A maintenance ground run was performed to confirm that there are no adverse effects on engine performance; fuel flow or fuel pressure; or any existing equipment; and to confirm proper operation of aircraft Fuel/Airdata Computer system and pilot's flight instruments. Fuel flow readings were noted and compared to existing fuel flow/fuel pressure indicator and with Power Setting Table, Section V, found in the aircraft Pilot's Operating Handbook and found to be within specified range.

Aircraft and records have been inspected and reviewed to ensure that prior alterations and/or repair are compatible with this alteration. This alteration will not impact the airworthiness of this aircraft as it relates to prior alterations and/or repairs

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

ITEM	CHECKLIST INFORMATION
1.	**Introduction: See Above discriptions.**
2.	**Description:** See block 8 for description..

☒ Additional Sheets Are Attached

NOTICE

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

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

N 252RC S/N: LJ-1152

3.	**Control:** See block 8.
4.	**Servicing information: N/A**
5.	**Maintenance Instructions:** See appropriate Install manuals P/N for the Shadin Digidata Fuel Flow/Airdata Computer. This Installation will include periodic inspection in accordance with FAR 43, Appendix D, Paragraph (b) (2), (c) (7), and (I) (1) through (4).
6.	***Trouble shooting information:*** *Refer to the appropriate Install Manuals P/N provided in Block 8.*
7.	**Removal and replacement information:**. See appropriate Install Manual's P/N provided in Block 8.
8.	**Diagrams:** Refer to appropriate installation manual's P/N provided in Block 8.
9.	**Special inspection requirements: N/A**
10.	**Application of protective treatments: N/A**
11.	**Data: Relative to Structural Fasteners.** Temperature probe installation, removal and replacement should be in accordance with applicable provisions of AC43.13-1B and 43.13-2A. Also, refer to the appropriate section of the appropriate Installation manual.
12.	**List of special tools: N/A**
13.	**For commuter category aircraft: N/A**
14.	**Recommended overhaul periods:** No additional overhaul time limitations.
15.	**Airworthiness Limitation Section: N/A**
16.	**Revision:** A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date_____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date_____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337.

Aircraft Weight & Balance and Equipment List updated to reflect this alteration.

********** END **********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

IND FSDO RECEIVED
DEC 08 2004

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
GL-11 / IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

3. For FAA Use Only

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

DEC 05 2004 — DATE — SIGNATURE — IND-FSDO

4. Unit Identification / **5. Type**

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	[ ] U.S. Certificated Mechanic [ ] Foreign Certificated Mechanic [X] Certified Repair Station [ ] Manufacturer	PG2R082L

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

Date	Signature of Authorized Individual
12-6-2004	Timothy E. Ewige

7. Approval for Return To Service

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

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
12-6-2004	PG2R082L	Timothy E. Ewige

FAA Form 337 (12-88)

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.)

N 252RC S/N: LJ-1152

Removed the following avionics consisting of:

1. Bendix/King model KLN-90B GPS
2. Bendix/King model KA-92 GPS antenna
3. Bendix/King model IN-182A Radar Indicator
4. Bendix/King model KNI-582 RMI
5. Bendix/King model KFS-598 Comm Control Head
6. Bendix/King model KNS-564 Nav Control Head
7. Bendix/King model KTR-908 Comm R/T
8. Bendix/King model KNR-634 Nav Receiver
9. Comant model CI-108 VHF antenna
10. Wulfsberg model RT-18D Flitefone
11. Wulfsberg model HB-10 Flitefone VI control base
12. Wulfsberg model WH-10 (HF) flitefone VI cabin control unit
13. (3) AIS model 200-35 remote switch units
14. Bendix/King KLN-90B Flight Manual Supplement

Installed the following avionics consisting of:

1. Garmin VHF Communications Transciever/VOR/LOC/ Receiver/GPS Receiver, model no GNS 530, part no. 011-00550-00, mounted in the radio stack location provided by the aircraft manufacturer.
2. Antenna assembly, model no. GA-56, part no. 010-10040-01, mounted in the same located as the previously installed KA-92 antenna at FS 149.75.
3. Comant model no. CI-108-1-L, VHF Com antenna mounted in the same location as the previously installed CI-108.

Installation completed using Garmin GNS 530 Installation manual P/N 190-00181-02 Rev. K, dated 11/04.

All work performed I/A/W AC 43.13-1B, Change 1, chap. 7, section 1,2,4,5; chap. 11, section 5,6,7,8,9,11,12,13,15; and AC 43.13-2A, chap. 1, par. 1,2,4,6,7,8,9,10,11,12; chap. 2 par. 21,22,23,27; chap. 3, par. 36,38.

The GA-56 antenna was mounted in the same location used by the previously installed KA-92. No changes were made to the mount hardware configuration or doubler plate installation. The old KA-92 installation was recorded on FAA Form 337 dated 4/26/1999.

The CI-108-1-L antenna was mounted in the same location used by the previously installed CI-108. No changes were made to the mount hardware configuration or doubler plate installation. The old CI-108 installation was recorded on March 11, 1999 original certification.

The Automatic Pressure Altitude Reporting System has been tested in accordance with FAR 43, Appendix E, Paragraph (c). A ground evaluation of the aircraft systems has been accomplished and no interference with the normal operation of other equipment by the GPS installation was noted.

The Garmin GNS 530 is solely connected to the Pilot's KPI-552 HSI Indicator.

The Initial Installation of the Garmin GNS-530 was accomplished under STC SA00864WI. The GNS-530 GPS navigation system is a stand alone system and meets the airworthiness criteria for IFR set forth in AC 20-138A paragraph 8a(2),(3),(4) 8c(1)ii, (3),(15),(16). The aircraft has been placarded "GPS not to be used for navigation" pending IFR FAA approval.

☒ Additional Sheets Are Attached

NOTICE

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

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

N 252RC S/N: LJ-1152

The GNS-530 is interfaced to the KPI-552 HSI, KDI-573B Display, KDM-706 DME, KFC-250 A/P, DB-415 Audio Panel, EX-500 MFD, Shadin Digidata, Trans-Cal SSD-120 Blind Encoder, GA-56 Antenna, CI-108-1-L Com Antenna, the EX-500 is interfaced to the RDS-81 Radar, KI-525A Co-Pilot's HSI, DC 50 Datalink Coulper.

The following Pilot's Guides has been placed in the aircraft, Garmin GNS-530 P/N 190-00181-00 Rev. C dated April 2003.

Aircraft and records have been inspected and reviewed to ensure that prior alterations and/or repair are compatible with this alteration. This alteration will not impact the airworthiness of this aircraft as it relates to prior alterations and/or repairs.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

ITEM	CHECKLIST INFORMATION
1.	**Introduction: See Above discriptions.**
2.	**Description:** See block 8 for description..
3.	**Control:** See block 8.
4.	**Servicing information: N/A**
5.	**Maintenance Instructions:** Maintenance of the GNS530, is on condition only. Periodic maintenance is not required. Refer to the 400/500 series unit Maintenance Manual Refered to in Block 8. This Installation will include periodic inspection in accordance with FAR 43, Appendix D, Paragraph (b) (2), (c) (7), and (I) (1) through (4).
6.	**Trouble shooting information:** Refer to the appropriate Install Manuals P/N provided in Block 8.
7.	**Removal and replacement information:**. See appropriate Install Manual's P/N provided in Block 8.
8.	**Diagrams:** Refer to the GNS-530 Install Manual.
9.	**Special inspection requirements: N/A**
10.	**Application of protective treatments: N/A**
11.	**Data: Relative to Structural Fasteners.** Antenna installation, removal and replacement should be in accordance with applicable provisions of AC43.13-1B and 43.13-2A. Also, refer to the GNS-530 Install manual.
12.	**List of special tools: N/A**
13.	**For commuter category aircraft: N/A**
14.	**Recommended overhaul periods:** No additional overhaul time limitations.

☒ Additional Sheets Are Attached

NOTICE

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

8. Description of work accomplished

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

N 252RC S/N: LJ-1152

15.	**Airworthiness Limitation Section:** Refer to the 400/500 Series unit Flight Manual Supplement.
16.	**Revision:** A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (date_____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date_____)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337.

Aircraft Weight & Balance and Equipment List updated to reflect this alteration.

********** END **********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

IND FSDO RECEIVED
DEC 08 2004

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification GL-11 / IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

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.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certified Repair Station Manufacturer	PG2R082L

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

Date	Signature of Authorized Individual
12-1-2004	Timothy E. Eenige

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
12-1-2004	PG2R082L	Timothy E. Eenige

FAA Form 337 (12-86)

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.)

N 252RC S/N: LJ-1152

Installed the following avionics consisting of:

1. Avidyne model no. EX-500 P/N 700-00007-005, mounted in the Center Instrument panel location provided by the aircraft manufacturer.
2. Avidyne model no. DC 50 Datalink Coupler P/N 700-00015-000, mounted in the forward avionics bay on the right side.

Installation completed using Avidyne EX-500 Installation Manual P/N 600-00079-000 Rev. 03, DC 50 Installation Manual P/N 600-00082-000 Rev. 03. The EX-500 original certification accomplished under STC SA00161BO, this aircraft appears on the Approved model list for the above STC.

A Pilot's Operating Handbook P/N 600-00078-000 Rev. 03 has been placed in the aircraft.

Instructions for continued airworthiness supplied by Installation Manual P/N 600-00079-000 Rev 03.

Aircraft Weight & Balance and Equipment List updated to reflect this alteration.

********** END **********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

IND FSDO RECEIVED DEC 08 2004

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
GL-11 / IND FSDO

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 of Federal Aviation Act of 1958).

1. Aircraft	Make: BEECH	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: N252RC
2. Owner	Name *(As shown on registration certificate)*: BIG SPRING AIRCRAFT SALES, LLC	Address *(As shown on registration certificate)*: 404 WHITE STREETS HUNTSVILLE, AL. 35801

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.
Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certified Repair Station Manufacturer	PG2R082L

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
11-30-2004	Timothy E. Eange

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
11-30-2004	PG2R082L	Timothy E. Eange

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.)

N 252RC S/N: LJ-1152

Removed the following Loran antenna : The Foster Loran system 616A was previously removed on a FAA 3Form 337 dated 2/10/1998.

1. Foster model no. NY 153 Antenna

Removed the Foster NY 153 Antenna and patched the antenna hole as per FAR 43.13-1B Change 1 chap.4, Figure 4-16 Circular Plate.

Aircraft Weight & Balance and Equipment List updated to reflect this alteration.

**********END**********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

RECEIVED
SEP 2 1 2004

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
GL-11 / IND FSDO

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

1. Aircraft	Make: Beechcraft	Model: King Air C-90A
	Serial No.: LJ 1152	Nationality and Registration Mark: 252RC
2. Owner	Name *(As shown on registration certificate)*: Jim Shelton	Address *(As shown on registration certificate)*: 3213 Hawthorne, Amerillo, TX. 79109

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.
Michael J. Gick 10803 ST. Rd. 26 E. Lafayette, IN. 47905	X	U.S. Certificated Mechanic	A&P1743242
		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	Signature of Authorized Individual
09/20/2004	Michael J Gick

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 [X] APPROVED ☐ REJECTED

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
09/20/2004	A&P1743242IA	Michael J Gick

FAA Form 337 (12-88)

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.)

Removed Marathon NiCad battery, installed 08-10-2000, in Canada.
Installed Concord Lead Acid Battery model # RG-380E/44, originally installed under STC SA00257AD on FAA Form 337 dated 01-04-96. No weight and balance change. Updated equipment list.
For Continued Airworthiness see attached page.

----------END----------

☒ Additional Sheets Are Attached

N252KC 9-20-04

Registration No._____ Hour Meter_____ Date_____

A. 150 hours or six month interval Mech_____

1. Inspect battery for general condition and installation. Inspect battery vents and hose for security and condition.

2. If battery open circuit voltage is below 25 volts, recharge using a constant potential (constant voltage) set at 28.4 to 28.8 VDC. The battery is fully charged when the charge current stabilizes at approximately 0.5 amps. Aircraft batteries are NOT to be fast charged.

B. 150 hours or 12 month interval Mech_____

1. Load test at 250 amps for 15 seconds. If the end voltage is at or above the values specified below, the battery is airworthy and can be returned to service after recharging. If end voltage is below valves specified, replace the battery.

Battery Temp (Degrees F)	0	10	20	30	40	50	60	70	or higher
End Voltage	17.0	17.4	17.8	18.2	18.6	18.8	19.0	19.2	

2. In lieu of the above test, a reserve capacity test may be substituted:

   A. Make sure the battery is fully charged.
   B. Stabilize the battery at a temperature of 70 degrees F or higher.
   C. Discharge the battery at 80% of the nominal capacity (30 amps) for one hour.
   D. The end voltage should be 18.0 or higher. If not, repeat the test or replace the battery.
   E. If battery passes, recharge and return to service.

NOTE: When not in service, boost charge this battery every 90 days. Make sure there are no loads on the battery when sitting idle.

FORM APPROVED
O.M.B.NO. 2120-0018

U.S. 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 MFR	FAA CODING
N252RC	Beech	C90A	1987	1152911
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (Make)	7. ENGINE MODEL DESIGNATION		52172
LJ-1152	Pratt & Whitney	PT6A-21		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (Make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRFT IS (Check if applicable)	
2	Hartzell	HC-B3TN-3M		

2

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: *(Check applicable items)*

A	1	X	STANDARD AIRWORTHINESS CERTIFICATE *(Indicate catagory)*	X	NORMAL		UTILITY		ACROBATIC		TRANSPORT		GLIDER		BALLOON
B			SPECIAL AIRWORTHINESS CERTIFICATE *(Check ABOVE: "Restricted Operations" and "Standard" or " Limited" as applicable)*												
	2		LIMITED												
	5		PROVISIONAL *(Indicate class)*	1		CLASS I									
				2		CLASS II									
	3		RESTRICTED *(Indicate operations to be conducted)*	1		AGRICULTURE AND PEST CONTROL		2		AERIAL SURVEYING		3		AERIAL ADVERTISING	
				4		FOREST (Wildlife Conservation)		5		PATROLLING		6		WEATHER CONTROL	
				7		CARRIAGE OF CARGO		0		OTHER *(Specify)*					
	4		EXPERIMENTAL *(Indicate operations to be*	1		RESEARCH AND DEVELOPMENT		2		AMATEUR BUILT		3		EXHIBITION	
				4		RACING		5		CREW TRAINING				MKT SURVEY	
				0		TO SHOW COMPLIANCE WITH FAR									
	8		SPECIAL FLIGHT PERMIT *(Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side))*	1		FERRY FLIGHT FOR REPAIRS ALTERATIONS, MAINTENANCE OR STORAGE									
				2		EVACUATE FROM AREA OF IMPENDING DANGER									
				3		OPERATION IN EXCESS OF MAXIMUM CERTIFIED TAKE OFF WEIGHT									
				4		DELIVERING OR EXPORT		5		PRODUCTION FLIGHT TESTING					
				8		CUSTOMER DEMONSTRATION FLIGHTS									
C	6		MULTIPLE AIRWORTHINESS CERTIFICATE *(Check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)*												

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER *(As shown on certificate of aircraft registration)* — IF DEALER, CHECK HERE

NAME: Robert B. Currey & Associates — ADDRESS: 160A Terminal Drive Georgetown, TX 78628

B. AIRCRAFT CERTIFICATION BASIS *(Check applicable blocks and complete items as indicated)*

X	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET *(Give No. and Revision* 3A20 Rev. 60	X	AIRWORTHINESS DIRECTIVES *(Check if all applicable AD's complied with and give latest AD* A.D. 2001-22
	AIRCRAFT LISTING *(Give Page*		SUPPLIMENTAL TYPE CERTIFICATE *(List number of each STC incorporated)*

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

X	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS 4484.1	3	EXPERIMENTAL ONLY *(Enter hours flown since last certificate issued or renewed)*

D. 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 Feaderal 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 elegible for the airworthiness certificate requested.

DATE OF APPLICATION	NAME AND TITLE *(Print or Type)*	SIGNATURE
11/20/2001	Osa F. Corley, III Chief Inspector	Osa F Corley III

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		FAR PART 121 OR 127 CERTIFICATE HOLDER *(Give Certificate Number)*	3	X	CERTIFIED MECHANIC *(Give Certificate Number)* 2444794	6		CERTIFICATED REPAIR STATION *(Give Certificate Number)* 24/58 A291
5	X	AIRCRAFT MANUFACTURER *(Give Name of Firm)* Beechcraft						

DATE	TITLE	SIGNATURE
11/20/2001	A&P Mechanic	Rheal Paquette

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks in items A and B)

A. I find that the aircraft described in Section I or VII meets requirments for:

	X	THE CERTIFICATE REQUESTED	
4		AMENDMENT OR MODIFICATION OF CURRENT AIRWOTHINESS CERTIFICATE	

B. Inspection for a special flight permit under Section VII was conducted by

	FAA INSPECTOR	X	FAA DESIGNEE			
	CERTIFICATE HOLDER NUMBER		FAR 65		FAR 121, 127, OR 135		FAR 145

DATE	DISTRICT OFFICE		DESIGNEE'S SIGNATURE AND NO.		FAA INSPECTOR'S SIGNATURE
11/20/2001	SATFSDO	4	Richard E Dumher DAR-I 7170115W	1	

U.S. GPO: 1990-768-012120177

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	NAME AND TITLE *(Print or Type)*	SIGNATURE

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TESTS

A. DESCRIPTION OF AIRCRAFT — CUSTOMER DEMONSTRATION *(Check if applicable)*

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 IT'S EQUIPMENT

	PILOT		CO-PILOT		NAVIGATOR		OTHER *(Specify)*

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWOTHINESS REQUIRMENTS AS FOLLOWS

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION *(Use attachment as 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 Administation in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or Type)*	SIGNATURE

VIII. AIRWORTHINESS DOCUMENTATION (FAA Use Only)

X	A. Operating Limitations and Markings in compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 8130-9 *(Attatch When Required)*
	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification For Import Aircraft *(Attatch When Required)*
	C. Data, Drawings, Photographs, etc. *(Attatch When Required)*		I. Previous Airworthiness Certificate Issued In Accordance With FAR ____ CAR ____ *(Original Attatched)*
X	D. Current Weight and Balance Information Available in Aircraft		
	E. Major Repair and Alteration, FAA Form 337 *(Attatch When Required)*	X	J. Current Airwothiness Certificate Issued In Accordance With FAR 21-183(d) *(Copy Attatched)*
X	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
N252RC	BEECH C90A	LJ1152	Normal

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 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

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, preventative maintenance, and alterations are performed in accordance with Parts 21, 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
11-30-01	Richard E Dumler	DART717011S

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 (8-82) GPO 570-189

US Department
of Transportation
**Federal Aviation
Administration**

Flight Standards District Office

10100 Reunion Place, Suite 200
San Antonio, TX. 78216
210-308-3300, Fax: 210-308-3399

November 7, 2001

Mr Dave Murray

This office accepts the folowing aircraft for import with the following exceptions from the Type Certificate;

Beechcraft C90A, S/N LJ1111, LSTC-Approval # 0-LSA99-119 DAR 206 for the installation of KLN 90B IFR GPS, Repair Design Certificate-Approval C-RA00-248/0 for lower engine cowl repair, ASSB 681-0017 installation of Marathon SP-400 main nickel cadmium battery.

Beechcraft C90A, S/N LJ 1152, LSTC- Approval # 0-LSA99-106 DAR 206 for the instllation of KLN 90B IFR GPS, Repair to L/H wing I/A/W AC 43.13 1B/2A, LSTC-Approval 0-LSA00-600/D replacement of Oxygen mask with BE Aerospace oxygen mask.

Beechcraft C90A S/N LJ1130, LSTC-Approval # 0-LSA99-107 DAR 206 for the installation of KLN 90B IFR GPS, Installation of Cadmium battery-Approval # 0-LSA00-60B/D, L/H Lower Cowl repair, Oxygen mask with BE Aerospace oxygen mask.

Sincerely,

Jesus Cavazos

Jesus Cavazos
Aviation Safety Inspector

Canada · Canada

EXPORT AIRWORTHINESS CERTIFICATE

This certifies that the aircraft identified below and described in the relevant type certificate mentioned herein has been examined and as of the date of this certificate conforms to the data forming the basis for the type certificate, is in a condition for safe operation and complies with any additional airworthiness requirements specified by the importing country.

This certificate does not constitute a flight authority.

CERTIFICAT DE NAVIGABILITÉ POUR EXPORTATION

Ce certificat atteste que l'aéronef indiqué ci-dessous et décrit par le certificat de type pertinent ci-mentionné, a été inspecté et qu'à la date du présent document, il est conforme aux prescriptions du certificat de type, est en bon état de service et qu'il satisfait aux exigences supplémentaires de navigabilité stipulées par le pays importateur.

Ce certificat ne constitue pas une autorité de vol.

For export to / Pour exportation vers: UNITED STATES

This aircraft is / Cet aéronef est ► [ ] new / neuf [X] used / usagé

	Manufacturer / Constructeur	Model / Modèle	Serial Number / Numéro de série	Type Certificate No. / N° du certificat de type
Aircraft / Aéronef	BEECH AIRCRAFT CORPORATION	C90A	LJ1152	3A20
Engine(s) installed / Moteur(s) installé(s)	PRATT & WHITNEY	PT6A-21 PT6A-21	PCE-25317 PCE-25323	E4EA E4EA
Propeller(s) installed / Hélices(s) installé(es)	HARTZELL	HC-B3TN-3M HC-B3TN-3M	BU 17358 BU 17341	P15EA P15EA

Additional airworthiness requirements - Exigences supplémentaires de navigabilité

"THE AIRCRAFT IDENTIFIED BY THIS CERTIFICATE HAS BEEN EXAMINED AND FOUND TO CONFORM TO UNITED STATES DEPARTMENT OF TRANSPORT TYPE CERTIFICATE DATA SHEET NO. 3A20 REVISION 60"

Exceptions - Observations

- **05/21/99** LSTC-Approval # O-LSA99-106 DAR 206 for the installation of KLN 90B IFR GPS. LSTC was issued to formalize former FAA field approval of GPS installation on FAA form 337 dated 04/28/99. Installation was in accordance with ASD, E.O. 99106. ASD 24-0045 dated 05/21/1999
- **03/01/01** Repair to L/H wing, lower surface, aft of rear spar, twenty-nine inches O/B from wing root, one half inch aft of jack pad. Specified data used AC 43-13 1B/2A Chapter 4, Section 4, Paragraph 4-50, 4-52, 4-53, 4-55, 4-56, 4-57, 4-58 b.e.f. Figure 4-6, 4-11, 4-14. Repaired by Arado Aero Inc. Edmonton, AMO 180-93, W.O. # N0289
- **23/08/01** LSTC - Approval O-LSA00-600/D for replacement of original Beech King Air C90A Oxygen Masks with BE Aerospace (Puritan Bennett) oxygen masks P/N 174260-23 and 174260-05.

Issued at / Délivré à ► GEORGETOWN, TEXAS.

This / Ce ► 09 day of / jour de ► NOVEMBER 2001

DEPARTMENT OF TRANSPORT AIRWORTHINESS W-56 INSP REP CANADA

for the Minister of Transport - Pour le ministre des Transports

Copies of the Type Certificate are available on request from Transport Canada, Ottawa, Canada K1A 0N8

Des copies du certificat de type sont disponible sur demande à Transports Canada, Ottawa, Canada K1A 0N8

24-0049 (0001-01)

Canada

COPY / COPIE 4 TC REGIONAL OFFICE / TC BUREAU REGIONAL

FAA

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 ACE-FSDO Wichita, Kansas

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: ~~KING AIR~~ BEECHCRAFT	Model: C90A
	Serial No.: 1152	Nationality and Registration Mark: N3090A
2. Owner	Name *(As shown on registration certifcate)*: EXECUTIVE AIRCRAFT CORPORATION	Address *(As shown on registration certificate)*: 1601 AIRPORT RD WICHITA, KS 67114

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				

RECEIVED 99 MAR -3 AM 10: 23 WICHITA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Mike LeBlanc 908 S. Ash Newton, KS 67114	X U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station Manufacturer	511721516 A/P

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
02/25/99	

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 [X] APPROVED [ ] REJECTED

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
3-3-99	1511739IA	

FAA Form 337 (12-88)

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.)

Interior was refurbished by Executive Aircraft Corporation. The following was recovered, new, refinished or replaced:

CREW SEATS: Townsend Leather, Tiffany/Gobi Biege (CL-647) D/L TLC 8330
CREW SEAT INSERTS: Aeristo, Aerolamb Camel, DL#98M042
HEADLINER: Tapis, Ultraleather Milkweed 3455 DL#3455
LOWER SIDEWALL PANEL: Architex, Opening Night -Starlet
CABIN SEATS: Townsend Leather, Tiffany/Gobi Biege (CL-647) DL#8330
CURTAINS: Architex, Opening Night - Starlet
CABINETRY: Indiana Architechural, Figured Red Gum
CARPET: Aircraft Interior Products, Sentry - Indian Earth
SEAT FOAM: Dax, Graphite/Poly, Skandia
SEAT BELTS: Aircraft Belts, Inc.

This interior installation was performed I/A/W FAR43.13(b). The materials used meet or exceed the requirements of FAR 23.853(a). Furthermore, these materials have passed the horizontal and vertical burns as prescribed in FAR 23 Appendix F(e) and FAR 25 Appendix F, Part I(a)(1)(ii) respectively. Material burn tests were conducted for Executive Aircraft Corporation by Skandia, Inc,; Townsend Leather, KG Testing and Aircraft Interior Products. Results are contained in test reports on file at Executive Aircraft Corporation. Compliance forms 8110-3 for these tests are on file and were witnessed by: Judy Boggs, CHI-410; Keith Gawsyszawski, CHI-456 and Jeremy Hobbs, KC-569. All seat belts meet TSO C-22G and or TSO C-114.

**********End**********

☐ Additional Sheets Are Attached

FAA

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
ACE07 [illegible]

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: Beech	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: USA N3090A
2. Owner	Name *(As shown on registration certificate)*: Executive Aircraft Corporation	Address *(As shown on registration certificate)*: 714 N Oliver Rd, Newton, KS 67114-9444

3. For FAA Use Only

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

APR 2 8 1999 [illegible]
Date — Approving Inspector

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				

RECEIVED
99 APR 28 PM 2:53
WICHITA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Executive Aircraft Corporation 1600 Airport Road Mid-Continent Airport Wichita, KS 67209	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	XE9R004N

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
April 22 1999	[illegible]

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
April 29, 1999		[illegible]

FAA Form 337 (12-88)

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

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. Previously installed Bendix/King KLN-90B GPS is Approved under TSO C-129- A1.

2. The Bendix/King KLN 90B has been STC'd for IFR operation in a Mooney M20J under STC#, SA00241 WI-D. This installation was reviewed and used a a guide for accomplishing the installation.

3. An FAA approved flight manual suppliment EAC# 004 dated APR 2 8 1999 and Bendix/King Pilot's Guide p/n 006-08773-0000 Rev 1 05/97 or latest revision must be availible to the flight crew during flight.

4. Aircraft required ground checks and flight evaluation tests of the KLN- 90B GPS were completed IAW FAR 23.1431 and AC 20-138 for IFR , enroute, terminal and approach. Flight test completed APR 2 8 1999.

5. Installation and IFR approval is predicated on the system being maintained in accordance with the manufactures maintenance manual.

6. Continuing maintenance requirements- To ensure system integrity, this system must be checked IAW Bendix/King manual p/n 006-08773-0000, Rev. 1 05/97 or later following any maintenance to the system.

7. Removed "VFR only Placard".

**********End**********

NOTICE

☐ Additional Sheets Are Attached

FAA

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
ACE07 Dec

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: Beech	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: USA N3090A
2. Owner	Name *(As shown on registration certifcate)*: Executive Aircraft Corporation	Address *(As shown on registration certificate)*: 714 N Oliver Rd, Newton, KS 67114-9444

3. For FAA Use Only

4. Unit Identification / **5. Type**

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Executive Aircraft Corporation 1600 Airport Road Mid-Continent Airport Wichita, KS 67209	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	XE9R004N

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
April 28, 1999	

7. Approval for Return To Service

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

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
4-28-99	XE9R004N	

FAA Form 337 (12-88)

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. Removed KA-90 interface adapter.

2. Install KDI- 573B DME indicator as a dedicated distance indicator for the existing KLN-90B GPS reciever.

3. Installation done IAW Bendix/King KLN-90B GPS RNAV installation manual number 006-1-521-0004, revision 4, October 1997.

4. Installation completed IAW AC 43.13-1B and 43.13-2A.

5. Weight and balance and equipment list revised.

**********End**********

☐ Additional Sheets Are Attached

FAA

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
ACE07 DCR

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: Beech	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: USA N3090A
2. Owner	Name *(As shown on registration certifcate)*: Executive Aircraft Corporation	Address *(As shown on registration certificate)*: 714 N Oliver Rd Newton, KS 67114-9444

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				

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99 APR 28 PM 2:53
WICHITA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Executive Aircraft Corporation 1600 Airport Road Mid-Continent Airport Wichita, KS 67209	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	XE9R004N

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
April 28, 1999	

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
4-28-99	XE9R004N	B R Good

FAA Form 337 (12-88)

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. Removed KA-90 interface adapter.

2. Install KDI- 573B DME indicator as a dedicated distance indicator for the existing KLN-90B GPS reciever.

3. Installation done IAW Bendix/King KLN-90B GPS RNAV installation manual number 006-1-521-0004, revision 4, October 1997.

4. Installation completed IAW AC 43.13-1B and 43.13-2A.

5. Weight and balance and equipment list revised.

**********End**********

☐ Additional Sheets Are Attached

FAA

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
ACE07

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: Beech	Model: C90A
	Serial No.: LJ-1152	Nationality and Registration Mark: USA N3090A
2. Owner	Name *(As shown on registration certifcate)*: Executive Aircraft Corporation	Address *(As shown on registration certificate)*: 714 N Oliver Rd, Newton, KS 67114-9444

3. For FAA Use Only

The Data/~~Alteration~~ Identified herein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.

APR 26 1999
Date

Approving Inspector

4. Unit Identification / 5. Type

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Executive Aircraft Corporation 1600 Airport Road Mid-Continent Airport Wichita, KS 67209	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	XE9R004N

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
April 14, 1999	

7. Approval for Return To Service

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

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
APRIL 28, 1999	XE9R004N	

FAA Form 337 (12-88)

RECEIVED
99 APR 21 AM 9:46
WICHITA ASDO

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. Removed Trible TNL2101 I/O GPS reciever from center pedestal and installed a blanking plate. Antenna for the TNL2101 I/O GPS was removed and replaced with a new KA 92 GPS antenna .

2. Removed Bendix/King checklist system from center Instrument panel. Relocated Radar display in space provided by dropping Radar down 2.5 inches and then installing the new KLN 90B in the space provided above the Radar.

3. Installed the following:

a) Bendix/King KLN 90B GPS RNAV reciever.
b) Bendix/King KA 92 GPS Antenna.
c) Bendix/King KA 90 converter.
d) 3 each Avionics International Supply AIS 200-35 remoted switching units.
e) Eaton annuciators.
f) Shadin Altitude encoder.
g) 3 ea. 3 amp and 1 ea. 1 amp circuit breakers in the Avionics Circuit Breaker Panel.

4. Installation of KLN 90B system and Eaton annuciators completed IAW Bendix/King KLN 90B GPS RNAV installation manual # 006-10521-0004, revision 4, October 1997.

5. GPS antenna installed in existing location vacated by the Trimble GPS antenna.

6. 3 ea. ASI 200-35 remote switching units installed IAW AIS 200-35 installation manual in the forward avionics bay.

7.Shadin Altitude encoder installed IAW Shadin Encoder Model 8800T p/n OP8800TA installation manual

8. Weight and balance and equipment list updated.

9. Continuing maintenance requirements- To ensure system integrity, this system must be checked IAW Bendix/King KLN 90B GPS RNAV installation manual #006-10521-0004, Revision 4, October 1997 following any maintenance..

8. All installations completed using AC 43.13-1B and 43.13-2A.

9. A placard stating "GPS NOT APPROVED FOR IFR FLIGHT" was placed on the center instrument panel.

10. The FAA approved "VFR Only" flight manual suppliment EAC# 004 dated APR 2 6 1999 and the Pilots Guide p/n #006-08773-0000, Rev.1 05/97 or later must be available to the flight crew during flight.

11. Continuing

**********End**********

☐ Additional Sheets Are Attached

US Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
ACE07 Dre

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: C-90-A
	Serial No.: LJ1152	Nationality and Registration Mark: N3090A
2. Owner	Name *(As shown on registration certificate)*: EXECUTIVE AIRCRAFT CORP.	Address *(As shown on registration certificate)*: 714 N. OLIVER RD. NEWTON, KS 67114

3. For FAA Use Only

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

FEB 10 1998
Date

Approving Inspector

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				

98 FEB 10 AM 8:30
WICHITA FSDO

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency		C. Certificate No.
EXECUTIVE AIRCRAFT CORP. 1600 AIRPORT RD. WICHITA, KS 67209		U.S. Certificated Mechanic	XE9R004N
		Foreign Certificated Mechanic	
	X	Certificated Repair Station	
		Manufacturer	

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

Date	Signature of Authorized Individual
2-10-98	

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
2-10-98	XE9R004N	

FAA Form 337 (12-88)

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.)

REMOVED FOSTER 616A NAVIGATION SYSTEM
LR 651 P/N 805D0500 S/N 984
RNC601A P/N 805D0550-11 S/N 1174
DI 681 P/N 805D0570 S/N 589

INSTALLED TRIMBLE 2101 I/O APPROACH PLUS GLOBAL POSITIONING SYSTEM

TNL2101 I/O RECIEVER P/N 81440-02-241A
GPS ANTENNA P/N AT 575-43 TSO-C129
MDR41 ANNUNCIATOR P/N MD41-928
GPS CONTROL DISPLAY MOUNTED WITH DZW FASTENERS IN COCKPIT CENTER PEDESTAL IN SPACE PROVIDED. GPS ANTENNA WAS MOUNTED ON TOP OF FUSELAGE AT STA. 149. INSTALLATION WAS PERFORMED I/A/W EAC DRAWING EABC90ALJ1152-1. APPROVED BY DER JOHN PROVORSE, KC407 ON STATEMENT OF COMPLIANCE FORM 8110-3 DATED FEB. 5, 1998 AND TRIMBLE INSTALL MANUAL 82882 DATED JULY 14, 1997.

MD 41 ANNUNCIATOR INSTALLED IN EXISTING PANEL OPENING. INSTALLED PER MID CONTINENT INSTRUMENTS MANUAL 7018450, DATED AUGUST 1, 1996.

ELECTRICAL LOAD ANALYSIS - ELECTRICAL LOAD ANALYSIS ON ALC SYSTEM NEGLIGIBLE. PREVIOSULY EXISTING WIRING APPROVED FOR LOADS UP TO 7 AMP D.C. NEWLY INSTALLED TNL 2101 I/O APPROACH PLUS DRAWS 1.5 AMPS @ 28VDC.

REFERENCE DRAWINGS:
TRIMBLE INSTALLATION MANUAL 82882 DATED JULY 14, 1997
MDR41 INSTALLATION MANUAL 7018450 DATED AUGUST 1, 1996

ELECTICAL SYSTEM PROTECTED BY 3 AMP C/B INSTALLED IN CO-PILOT'S C/B PANEL.

WIRING INSTALLED, ROUTED AND SECURED I/A/W AC 43.13-1A, CHAPTER 11, SECTIONS 2, 3, 5 & 7.

GROUND TEST EVALUATION I/A/W TRIMBLE INSTALLATION MANUAL 82882 AND AC 20.138 DATED 5-25-94.

TRIMBLE 2101 I/O APPROACH PLUS IS PLACARDED FOR "VFR USE ONLY" PENDING APPROVAL OF PILOT OPERATING HANDBOOK AND FAA APPROVED FLIGHT MANUAL SUPPLEMENT DATED 2/10/98 FOR IFR FLIGHT.

----------END----------

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE: JAN-24-1998

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE	MODEL NO.	TYPE (Airplane, Radio, Helicopter, etc.)	NAME OF APPLICANT
BEECHCRAFT	C-90	AIRPLANE	PRIVATE CONSULTANT TO EXECUTIVE AIRCRAFT

LIST OF DATA

IDENTIFICATION	TITLE
S98-3	TNL-2101 SUPPLEMENT (RECOMMEND ONLY)
R98-7	FLIGHT EVALUATION TNL-2101 (RECOMMEND ONLY)
R98-8	EMI-RFI REPORT TNL-2101 (RECOMMEND ONLY)
99	TNL-2101 WIRING DIAGRAM

PURPOSE OF DATA

APPROVAL OF TNL-2101 IN S/N - L31152 ONLY

APPLICABLE REQUIREMENTS (List specific sections)

23.1301
23.1309
23.1357

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered as above have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore
- [ ] Recommend approval of these data
- [x] Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBERS(S)	CLASSIFICATION(S)
	SO-1011	SYSTEM & EQUIPMENT FLIGHT ANALYST
ANDREW K. ANDERSON		

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE: 5 Feb 1998

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE	MODEL NO.	TYPE (*Airplane, Radio, Helicopter, etc*)	NAME OF APPLICANT
Beechcraft	KingAir C90A S/N LJ1152	Airplane	Executive Aircraft Corp. Wichita, Kansas

LIST OF DATA

IDENTIFICATION	TITLE
REPAIR EABC90AJ1152-1	GPS Antenna Inst'l Beechcraft C90A Notes: 1) TC Data Sheet 3A20 2)Antenna wire penetration hole of .63 inch diameter. A doubler and sufficient rivets were added to replace the remove mat'l. 3) The structural aspects only of the above listed data are approved herein. This approval is only for the engineering design data. 4) This approval is valid only for Beechcraft KingAir C90A S/N LJ1152 5) This form to the best of our ability constitues FAA approval to all the engineering design data necessary for substantiation of compliance to the necessary requirements for the entire repair.

PURPOSE OF DATA
Provide Type Certificate Data for GPS Antenna Inst'l Beechcraft 90A in support of FAA Form 337 Beechcraft KingAir C90A S/N LJ1152.

APPLICABLE REQUIREMENTS *(List specific sections)*
CAR 3 Subparagraphs 3.10, 3.12, 3.13, 3.20, 3.21, 3.30, 3.31

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered _____ have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore ☐ Recommend approval of these data
☒ Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION(S)
John Proverse	KC 407	Structures

FAA AIRCRAFT REGISTRY
CAMERA NO. IN DATE: 2-7-96

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
ACE-FSDO-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. 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: C90
	Serial No.: LJ-1152	Nationality and Registration Mark: N3090A
2. Owner	Name (As shown on registration certificate): United Supermarkets of Oklahoma, Inc.	Address (As shown on registration certificate): P.O. Box 557, Altus, OK 73521

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				

RECEIVED
JAN 5 1996
ICT FSDO
Wichita, Kansas

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Raytheon Aircraft Services P.O. Box 9162 Wichita KS 67277	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	BWVR672C 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	Signature of Authorized Individual
1-4-96	Ken W. Cheek

7. Approval for Return To Service

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

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

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
1-4-96	BWVR672C	Ken W. Cheek

FAA Form 337 (12 88)

FAA AIRCRAFT REGISTRY
CAMERA NO. IN DATE: 2-7-96

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.)

1-4-96 Hobbs 272.8

Installed Concorde Sealed Lead Acid BAttery as per STC #SA00257AT. Weight and balance change made.

---------- END ----------

☐ Additional Sheets Are Attached

*U.S.GPO:1994-568-012/00019

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 6-17-91

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
ASW-FSDO-OKC

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: C-90
	Serial No.: LJ-1152	Nationality and Registration Mark: N3090A
2. Owner	Name (As shown on registration certificate): United Supermarkets of Oklahoma Inc.	Address (As shown on registration certificate): Box 557, Altus, Oklahoma 73521

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				

OS		MGR		AS	
01		APS		A1	
02		RECEIVED		A2	
03				A3	
04		APR 23 1991		A4	
05		FAA		A5	
06		S... OKC		A6	
07		C1		C2	A7
08		C3		C4	A8

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Northwest Aero Services, Inc. Woodring Airport Enid, Oklahoma	[ ] U.S. Certificated Mechanic [ ] Foreign Certificated Mechanic [X] Certificated Repair Station [ ] Manufacturer	HGNR057K

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
April 22, 1991	LaVern Freeman

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 [X] APPROVED [ ] REJECTED

BY							Other (Specify)
	[ ]	FAA Flt. Standards Inspector	[ ]	Manufacturer	[ ]	Inspection Authorization	
	[ ]	FAA Designee	[X]	Repair Station	[ ]	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
4-22-91	HGNR057K	LaVern Freeman

FAA Form 337 (12-88)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 6-17-91

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.)

REMOVED GOODYEAR WHEELS AND BRAKES, INSTALLED CLEVELAND WHEELS AND BRAKES CONVERSION KIT # 199-90. ALL WORK ACCOMPULISHED PER PARKER HANNIFIN INSTALLATION INSTRUCTIONS AND STC # SA619GL. AIRCRAFT WEIGHT AND BALANCE CHANGE AS FOLLOWS:

AIRCRAFT EMPTY WEIGHT	6659.0	152.4	1014831.6
REMOVED GOODYEAR BRAKES	- 35.0	178.0	- 6230.0
INSTALLED CLEVELAND BRAKES	43.3	178.0	7707.4
	6667.3		1016309.0

GROSS WEIGHT	10100.0
EMPTY WEIGHT	6667.3
USEFUL LOAD	3432.7
NEW C G	152.4

END

☐ Additional Sheets Are Attached

★U.S.GPO:1989-0-663-171

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

Form Approved
Budget Bureau No. 04-R005R

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
N3090A	BEECH AIRCRAFT CORP.	C90A	1987	1152911
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		52043
LJ-1152	Pratt & Whitney A/C of Canada	PT6A-21		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION		11. AIRCRAFT IS
2	Hartzell	HC-B3TN-3M		~~NEW~~ ~~USED~~ IMPORT

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 [x] STANDARD AIRWORTHINESS CERT. (Indicate category) [x] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 [ ] LIMITED
- 5 [ ] PROVISIONAL (Indicate class)
  - 1 CLASS I
  - 2 CLASS II
- 3 [ ] RESTRICTED (Indicate operation(s) to be conducted)
  - 1 AGRICULTURE & PEST CONTROL; 2 AERIAL SURVEYING; 3 AERIAL ADVERTISING
  - 4 FOREST (Wild life conservation); 5 PATROLLING; 6 WEATHER CONTROL
  - 0 OTHER (Specify)
- 4 [ ] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - 1 RESEARCH AND DEVELOPMENT; 2 AMATEUR BUILT; 3 EXHIBITION
  - 4 RACING; 5 CREW TRAINING; 6 MKT. SURVEY
  - 0 TO SHOW COMPLIANCE WITH FAR
- 8 [ ] SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)
  - 1 FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE
  - 2 EVACUATE FROM AREA OF IMPENDING DANGER
  - 3 OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT
  - 4 DELIVERING OR EXPORT; 5 PRODUCTION FLIGHT TESTING

C 6 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 → [x]

NAME: BEECH AIRCRAFT CORPORATION
ADDRESS: 9709 East Central, Wichita, Kansas 67201

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

[x] AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): 3A20, Rev. 43
[x] AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): ISSUE 87-20
[ ] AIRCRAFT LISTING (Give page No(s).): N/A
[ ] SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

[x] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173
TOTAL AIRFRAME HOURS ~~Enter for each aircraft only~~: 5:56
3 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	NAME AND TITLE (Print or type)	SIGNATURE
10-23-87	A. J. Burroughs - Staff Member Flight Inspection	A. J. Burroughs

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 [ ] FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)
3 [ ] CERTIFICATED MECHANIC (Give Certificate No.)
4 [ ] CERTIFICATED REPAIR STATION (Give Certificate No.)
5 [ ] AIRCRAFT MANUFACTURER (Give Name of Firm)

DATE	TITLE	SIGNATURE

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: [x] The certification requested, or [4] [ ] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE	DESIGNEE'S SIGNATURE AND NO.	FAA INSPECTOR'S SIGNATURE
10-23-87	WICHITA MIDO	W. W. Lautenschlager W. W. Lautenschlager, DOA, PC18	

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

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	NAME AND TITLE *(Print or type)*	SIGNATURE

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 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or type)*	SIGNATURE

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

- [x] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [ ] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [x] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [x] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [ ] I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
- [x] J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) per 21.273 *(Copy attached)*

☆ U.S. GOVERNMENT PRINTING OFFICE 1980-673-026-68

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

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
N5090A	BEECH AIRCRAFT CORPORATION C90A	LJ-1152	NORMAL

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 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

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, preventative maintenance, and alterations are performed in accordance with Parts 21, 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
10-23-87	W. W. Lautenschlager	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 — 1976-675-638

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

DEPARTMENT OF TRANSPORT

CERTIFICATE OF AIRWORTHINESS FOR EXPORT

CANADA

MINISTÈRE DES TRANSPORTS

CERTIFICAT DE NAVIGABILITÉ POUR EXPORTATION

Number / Numéro ULX-21635

The Department of Transport, Canada, having regard to the Reports furnished to it, issues this Certificate of Airworthiness for Export in respect of the Aircraft/Engine identified below and more particularly described in the type approval* and specifications and certifies that, on the date of issue of this certificate, the Aircraft/Engine was considered airworthy and in compliance with the pertinent Aircraft/Engine type Approval except as may be noted below.

Le Ministère des Transports du Canada, prenant connaissance des rapports qui lui ont été soumis, délivre le présent certificat de navigabilité pour exportation pour l'aéronef/moteur mentionné ci-dessous et plus particulièrement décrit dans l'homologation de type* et les spécifications, et certifie que, à la date de délivrance de ce certificat, l'aéronef/moteur était considéré navigable et en conformité avec l'homologation de type pertinent, excepté comme indiqué ci-dessous. Ce certificat ne constitue pas une autorité d'exploiter un aéronef.

For export to: / Pour exportation à: United States of America

Product is: / Appareil: [X] New / Neuf [ ] Used / Usagé

Aircraft Manufacturer: / Constructeur de l'aéronef:	N/A
Aircraft Model: / Modèle de l'aéronef:	N/A
Aircraft Serial No. / No de série de l'aéronef:	N/A
Type Approval No.* / No d'homologation de type*	E-6
Engine Manufacturer: / Constructeur du moteur:	Pratt & Whitney Aircraft of Canada Ltd.
Engine Model: / Modèle du moteur:	PT6A-21
Engine Serial No.(s): / No(s) de série du(des) moteur(s):	PCE-25323

Exceptions:

SEAL

Remarks: Observations:

The engine covered by this certificate has been examined and found to comply with the U.S. Civil Air Regulations Part 13, dated June 15, 1956, including amendments 13-1 through 13-4, and conforms to U.S. Type Certificate Data Sheet No. E4EA, and is in condition for safe operation, and has been subjected by the manufacturer to a final operational check.

SEAL

Dated at / Daté à Montreal, Quebec

This / Le 22ND Day of / Jour de JUNE 19 87

Richard Deschênes

For Minister of Transport — Ministre des Transports

*Copies of the applicable Type Approval are available on request from the Department of Transport, Ottawa, K1A 0N8, Canada.

*Copies d'homologation de type sont disponibles sur demande au Ministère des Transports, Ottawa, K1A 0N8 Canada.

26-0037 (10-78)

US-E4 (82)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 3-7-89

DEPARTMENT OF TRANSPORT

CERTIFICATE OF AIRWORTHINESS FOR EXPORT

CANADA

MINISTÈRE DES TRANSPORTS

CERTIFICAT DE NAVIGABILITÉ POUR EXPORTATION

Number
Numéro ULX-21516

The Department of Transport, Canada, having regard to the Reports furnished to it, issues this Certificate of Airworthiness for Export in respect of the Aircraft/Engine identified below and more particularly described in the type approval* and specifications and certifies that, on the date of issue of this certificate, the Aircraft/Engine was considered airworthy and in compliance with the pertinent Aircraft/Engine type Approval except as may be noted below.

Le Ministère des Transports du Canada, prenant connaissance des rapports qui lui ont été soumis, délivre le présent certificat de navigabilité pour exportation pour l'aéronef/moteur mentionné ci-dessous et plus particulièrement décrit dans l'homologation de type* et les spécifications, et certifie que, à la date de délivrance de ce certificat, l'aéronef/moteur était considéré navigable et en conformité avec l'homologation de type pertinent, excepté comme indiqué ci-dessous. Ce certificat ne constitue pas une autorité d'exploiter un aéronef.

For export to:
Pour exportation à: United States of America

Product is:
Appareil: [X] New / Neuf [ ] Used / Usagé

Aircraft Manufacturer: / Constructeur de l'aéronef:	N/A
Aircraft Model: / Modèle de l'aéronef:	N/A
Aircraft Serial No. / N° de série de l'aéronef:	N/A
Type Approval No.* / N° d'homologation de type:*	E-6
Engine Manufacturer: / Constructeur du moteur:	Pratt & Whitney Aircraft of Canada Ltd.
Engine Model: / Modèle du moteur:	PT6A-21
Engine Serial No.(s): / N°(s) de série du(des) moteur(s):	PCE-25317

Exceptions:

SEAL

Remarks: Observations:

The engine covered by this certificate has been examined and found to comply with the U.S. Civil Air Regulations Part 13, dated June 15, 1956, including amendments 13-1 through 13-4, and conforms to U.S. Type Certificate Data Sheet No. E4EA, and is in condition for safe operation, and has been subjected by the manufacturer to a final operational check.

SEAL

Dated at / Daté à Montreal, Quebec

This / Le 22ND Day of / Jour de MAY 19 87

Richard Deschênes

For Minister of Transport — Ministre des Transports

*Copies of the applicable Type Approval are available on request from the Department of Transport, Ottawa, K1A 0N8, Canada.

*Copies d'homologation de type sont disponibles sur demande au Ministère des Transports, Ottawa, K1A 0N8 Canada.

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