



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<br>United States N360X     | Serial No. BB-1783                             |                       |
|             | Make<br>Raytheon Aircraft Company                            | Model<br>King Air                              | Series<br>B200        |
| 2. Owner    | Name (As shown on registration certificate)<br>BEHLEN MFG CO | Address (As shown on registration certificate) |                       |
|             |  | Address 4025 E 23RD ST                         |                       |
|             |  | City Columbus                                  | State NE              |
|             |  | Zip 68601-3448                                 | Country United States |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |                           |                                |            |
|--------------------------|-------------------------------------|------------------------|---------------------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make                      | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               | Raytheon Aircraft Company | (As described in Item 1 above) | BB-1783    |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |                           |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |                           |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type                      |                                |            |
|                          |                                     |                        | Manufacturer              |                                |            |

**6. Conformity Statement**

|                                  |  |   |                    |  |
|----------------------------------|--|---|--------------------|--|
| A. Agency's Name and Address     |  | B. Kind of Agency   |                    |  |
| Name Randall Wade Schnell        |  | <input checked="" type="checkbox"/> U. S. Certificated Mechanic | Manufacturer       |  |
| Address 6562 Country Links Place |  | <input type="checkbox"/> Foreign Certificated Mechanic          | C. Certificate No. |  |
| City Columbus State Nebraska     |  | <input type="checkbox"/> Certificated Repair Station            | A&P 3528988        |  |
| Zip 68601 Country United States  |  | <input type="checkbox"/> Certificated Maintenance Organization  |                    |  |

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

|  |   |
|--|---|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual<br>Randall W Schnell 12-22-2016 |
|--|---|

**7. Approval for Return to Service**

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

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

|   |   |
|---|---|
| Certificate or Designation No. 3528988 IA | Signature/Date of Authorized Individual<br>Randall W Schnell 12-22-2016 |
|---|---|

6

1. The first part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

2.

NOTICE

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

**8. Description of Work Accomplished**

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

Raytheon Aircraft Company

King Air B200

United States N360X

12-22-2016

Nationality and Registration Mark

Date

Aircraft Total Time 3009.3

- 1) Installed Soft Touch Tires an alternate set of main landing gear tires, Michelin part number 028-335-3 in accordance with Commuter Air Technology Top Drawing LE10000, Revision C Dated 03/07/2008.
- 2) Approval for this installation is from STC SA00184LA held by Commuter Air Technology, Inc. 14700 N. Airport Drive Scottsdale, AZ 85260.
- 3) Updated Aircraft Weight and Balance by adding 5 lbs/tire at FS 208.5
- 4) Installed FAA Approved Airplane Flight Manual Supplement No.LE-10001 into Pilot's Operating Handbook.

☐ Additional Sheets Are Attached



King Air B200

S/N:BB-1783

Non-Transferable

May 05, 2016

United States Of America

Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA00184LA

*This Certificate issued to* Commuter Air Technology, Inc.  
14700 N. Airport Drive  
Scottsdale, AZ 85260

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.* [For Certification Basis see Type Certificate Data Sheet A24CE]

*Original Product Type Certificate Number :* A24CE

*Make :* Beech Aircraft Corporation

*Model :* 200, 200C, 200CT, 200T, A200, A200C, A200CT,  
B200, B200C, B200CT, B200T, B200GT, B200CGT

*Description of Type Design Change.* Installation of Alternate Main Landing Gear Tires, Michelin Part Number 026-335-0 in accordance with Commuter Air Technology Top Drawing LE10000, Revision NC dated May 9, 1996, or later FAA approved revision. Commuter Air Technology, Inc. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement Document No. LE-10001, FAA approved on May 14, 1996, or later FAA approved revision, is required as part of this installation.

*Limitations and Conditions.* This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

*Date of application :* 11/23/95

*Date reissued :*

*Date of issuance :* May 14, 1996

*Date amended :* April 18, 2008

*By direction of the Administrator*



*(Signature)*

Manager, Cabin Safety/Mechanical and  
Environmental Systems Branch  
Los Angeles Aircraft Certification Office  
(Title)

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





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

GL05

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

|             |  |   |
|-------------|--|---|
| 1. Aircraft | Make<br>Beechcraft   | Model<br>B200   |
|             | Serial No.<br>BB-1783  | Nationality and Registration Mark<br>N360X  |
| 2. Owner    | Name (As shown on registration certificate)<br>OXFORD MINING CORP. | Address (As shown on registration certificate)<br>544 CHESTNUT ST<br>COSHOCOTON OH 43812-1209 |

3. For FAA Use Only

The data 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.  
Approving Inspector John A. Chvalt  
Date FEB 24 2005 GL05

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<br>STEVENS AVIATION<br>DAYTON INTERNATIONAL AIRPORT<br>PO BOX 399<br>VANDALIA, OH 45377 | B. Kind of Agency<br><input type="checkbox"/> U.S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input checked="" type="checkbox"/> Certified Repair Station<br><input type="checkbox"/> Manufacturer | C. Certificate No.<br>VIB4368K<br>AF - III ; RAD - I, II, III;<br>L - AF, PP, INS;<br>AAC; SS |
|--|---|---|

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<br>25 Feb 2005 | Signature of Authorized Individual<br>JOHN P. SANDLIN <u>[Signature]</u> |
|---------------------|--|

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<br>25 Feb 2005 |                              | Certificate or Designation No.<br>VIB4368K | Signature of Authorized Individual<br><u>[Signature]</u> |                 |

# NOTICE

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

## 8. Description of Work Accomplished

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

**BEEHCRAFT B200**

**S/N: BB-1783**

**N360X**

Installed a Bendix/King KGP-860 EGPWS.

### Installed Items

1. Mid-Continent Terrain Awareness Control Unit (TACU) (p/n: MD41-1308) at Station 106.5.
2. Bendix/King KGP-560 Processor (p/n: 965-1198-005; SW 005) at Station 56.0. Referenced KGP-560 System Installation Manual P/N: 006-10611-0003, Rev. 3, dated June 16 2003, and STC SA00886WI-D.
3. Bendix/King Configuration Module (p/n: 700-1710-021) at Station 56.0.

- This installation complies with TSO C151a Class B TAWS.
- The KGP-560/860 is displayed on the existing Collins Radar/MFD.
- The KGP-560/860 receives GPS position information from the existing Universal UNS-1K FMS, altitude information from a Collins ADC 85 air data computer, and provides audio alerts through the existing audio system.
- See page 2 for the Instructions for Continued Airworthiness.
- Mounted the KGP 560/860 processor to the existing shelf at station 56.0. Fabricated a 11.75" x 4.5" plate of 2024-T3 Alclad aluminum and fastened it to existing shelf structure using (4) MS35206-246 screws, (4) AN960-8 washers, and (4) MS21044N08 firebrick nuts. The KGP-560 is attached to the plate using (4) MS21059L06 nutplates, (4) MS35206-230 screws, and (4) AN960-6 washers. The KGP 560 processor (combined weight of 1.5lbs.) is within the weight limits of the existing shelf.

An electrical load analysis was performed and found to be within 80% of the rated generator outputs. All equipment was installed using the Bendix/King KGP 560/860 System Installation Manual; AC25-10; AC25-16; AC25-23. Altered the equipment list and computed a new weight and balance.

A flight manual supplement dated FEB 24 2005, and the Bendix/King KGP-560/860 Pilot's Guide (P/N: 006-18254-0001, Rev 4, Jan 2004) are required for this approval and have been placed in the aircraft.

-----  
END  
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**BEECHCRAFT B200**

**S/N: BB-1783 N360X**

**KGP-560 Instructions for Continued Airworthiness:**

1. See page 1.
2. See page 1.
3. Refer to the Honeywell KGP 560/860 Pilot's Guide for operating procedures.
4. N/A.
5. If the MD41-1308 Annunciator/Switch Unit malfunctions or an annunciator bulb needs replaced, remove the unit and have it repaired by the factory. During each phase inspection of the aircraft, perform a Level 2 Self Test of the KGP-560/860 as defined in the Post Installation/Ground Test Checkout in Section 5.6 of the KGP-560 Installation Manual.
6. Refer to the Bendix/King KGP-560/860 Pilot's Guide for message annunciation descriptions. If the unit should require maintenance, removed the unit and have it repaired by an appropriately rated Honeywell approved Instrument Service Center.
7. Removal & replacement of the Bendix/King KGP-560/860 requires gaining access to the nose avionics bay and using a #2 Phillips Screwdriver to remove the mounting screws. After replacement perform a Level 2 Self Test of the KGP-560/860 as defined in the Post Installation/Ground Test Checkout in Section 5.6 of the KGP-560 Installation Manual
8. N/A.
9. N/A.
10. N/A.
11. N/A.
12. N/A.
13. N/A.
14. No additional overhaul time limitations.
15. N/A.
16. To revise these Instructions for Continued Airworthiness (ICA), submit a new FAA Form 337 along with the revised ICA to the local Flight Standard District Office for approval.

-----**END**-----





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**  
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 of 1958).

|             |  |   |
|-------------|--|---|
| 1. Aircraft | Make<br>RAYTHEON AIRCRAFT COMPANY  | Model<br>BEECH B200   |
|             | Serial No.<br>BB-1783  | Nationality and Registration Mark<br>USA N625TA   |
| 2. Owner    | Name (As shown on registration certificate)<br>RAYTHEON AIRCRAFT COMPANY | Address (As shown on registration certificate)<br>P.O. Box 85<br>Wichita, Kansas 67201-0085 |

### 3. For FAA Use Only

The data 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

17 APR 2001  
Date  
Approving Inspector  
ACE-FSDO-07  
Wichita, KS

| 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<br>Raytheon Aircraft Services, Inc.<br>Mid-Continent Airport<br>Wichita, Kansas | B. Kind of Agency<br>U.S. Certificated Mechanic<br>Foreign Certificated Mechanic<br><input checked="" type="checkbox"/> Certificated Repair Station<br>Manufacturer | C. Certificate No.<br>CRS BWVR672C<br>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<br>April 15, 2002 | Signature of Authorized Individual<br><i>Jerry A. Bepl</i><br>R1547910<br>Dept. Insp. |
|------------------------|---|

### 7. Approval for Return To Service

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

|   |                              |  |   |                 |
|---|------------------------------|--|---|-----------------|
| BY  | FAA Flt. Standards Inspector | Manufacturer                                       | Inspection Authorization  | Other (Specify) |
|   | FAA Designee                 | <input checked="" type="checkbox"/> Repair Station | Person Approved by Transport Canada Airworthiness Group                               |                 |
| Date of Approval or Rejection<br>April 17, 2002 |                              | Certificate or Designation No.<br>CRS BWVR672C     | Signature of Authorized Individual<br><i>Jerry A. Bepl</i><br>R1547910<br>Dept. Insp. |                 |

## NOTICE

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

### 8. Description of Work Accomplished

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

Installed a BFGoodrich Aerospace, BFGoodrich Avionics Systems, Inc. (BFG), integrated WX-1000+ StormScope, Series II/SKY497 SkyWatch system complete this date, with reference to BFG StormScope, Series II Weather Mapping Systems WX-1000 Installation Manual No. 78-8051-9150-5 (Rev. D, 13 November 2001), BFG SkyWatch Traffic Advisory System, SKY497 Installation Manual No. 009-10800-001 (Rev. C, 23 Feb. 2001), Raytheon Aircraft Company Avionics Drawings for aircraft S/N BB-1783, AC 43.13-1B Ch. 6, Secs. 3 and 4; Ch. 7, Secs. 1 thru 5; Ch. 11, Secs. 1,3,8 thru 13, 15 and 17; Ch. 12, Secs. 1 and 2, and AC 43.13-2A, Chapters 1,2,3,11 and 13. (The installation of the typical SkyWatch components used in this application has been previously FAA-approved per S.T.C. SA00733CH, as installed in a Beech Model 58P Baron.) This Alteration complies with the safety requirements of FAR 23.1301 and FAR 23.1431; copies of installation data and wiring prints are on file at this Station.

The integrated system consists of (one of each) WX-1000/SKY497 StormScope/SkyWatch Control Display Unit (P/N 78-8060-5900-8/TSO C110a, C113), located in the lower/RH position of the pilot's flight instrument panel at station 101" aft datum, the StormScope WX-1000+ Processor Unit (P/N 78-8051-9160-4/TSO C110a; SV 3.27) and mount, located on the existing upper equipment shelf in the aft fuselage compartment, with the SkyWatch TRC497 Transmitter Receiver Computer (P/N 805-10800-001/TSO C147; SV 1.6) and mount, at stations 372" and 378" aft datum, respectively, the StormScope Series II Antenna (P/N 78-8051-9200-8/TSO C110a) installed with a typical/standard-equipment (King Air) doubler on the lower/RH surface of the aft fuselage at station 383" aft datum and the SkyWatch NY164 Directional Antenna (P/N 805-10890-001/TSO C118) installed on the upper surface of the forward fuselage at station 182" aft datum, using a doubler configuration that has been structurally-approved per FAA Form 8110-3. The system is provided analog 'heading' information from the 'Compass-1' system synchro repeater output (Bootstrap) of the copilot's Collins RMI-30 and 'altitude' information, in ARINC 429-format, from an auxiliary data output of the existing Collins ADC-85 Air Data Computer. The SkyWatch audio output has been connected to an auxiliary/unmuted input of the existing pilot's and copilot's DB Systems Model 438 Audio Amplifiers. A switch/annunciator, with the legends 'SKYWATCH' (or) 'STORMSCOPE' has been added to the pilot's flight instrument panel, that provides selection and indication of the information being presented in the Control Display Unit. The 28VDC primary power for each system is supplied from individual Circuit Breakers located in, and powered by, the 'Avionics'-section of the flight compartment RH sidewall (Main) DC Power Distribution Panel. The Circuit Breakers are identified as 'STORMSCOPE' and 'SKYWATCH'; the electrical ratings are 2 Amp. and 5 Amp., respectively. 26VAC, 400Hz Instrument Reference power is supplied to the RMI-2 (Compass-1) 'Bootstrap' transmitter, the SS Processor, and SW Computer, from a 1 Amp. (MDL-1/'Slow-Blow') fuse located on, and supplied power by, Avionics Junction Box-1 (in the forward/nose equipment compartment, RH side), identified as 'SS/SW REF'. (A load analysis has been performed to verify the system power sources are suitable and adequate for the new equipment.) A panel has been provided in the aft fuselage that contains two (GMW-1/Fast-Acting 1 Amp.) fuses, identified as 'STORMSCOPE' and 'SKYWATCH', that supply 26VAC Reference power to the remote units. The panel also contains a switch to enable 'SKYWATCH'-system operation with the StormScope Processor removed and a wiring 'jumper' receptacle to enable 'STORMSCOPE'-system operation with the 'SkyWatch' Computer removed.

The systems' operations have been ground-checked per applicable portions of the BFG Installation Manuals and the Airplane Flight Manual Equipment List and Weight/Balance data have been revised to include the new equipment. A StormScope, Series II Pilot's Guide, P/N 75-0299-7690-1 (Rev. C, 4/6/00) and a SKYWATCH Traffic Advisory System Pilot's Guide, P/N 009-10801-001 (Rev. B, 6/6/00) have been provided for the aircraft flight crew.

INSTRUCTIONS for CONTINUED AIRWORTHINESS: No scheduled maintenance is required to ensure system Continued Airworthiness, however, it is recommended that the StormScope system operation be checked out and verified satisfactory at least annually, especially prior to each thunderstorm season. At regular inspection intervals, perform the periodic maintenance procedures for all system components as detailed in the SKY497 Installation Manual Chapter 4: Maintenance, Paragraph 4.3.1 thru 4.3.3 (copy attached).

( 17 APR 2001 ) The FAA-approved Airplane Flight Manual Supplement for the 'SkyWatch' system has been added to the Airplane Flight Manual 'Supplements'-section: The integrated StormScope/SkyWatch system is satisfactory for flight operations as detailed in the Supplement.

END

☐ Additional Sheets Are Attached

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

|  |                                   |                              |             |
|--|-----------------------------------|------------------------------|-------------|
| 1. NATIONALITY AND<br>REGISTRATION MARKS | 2. MANUFACTURER AND MODEL         | 3. AIRCRAFT SERIAL<br>NUMBER | 4. CATEGORY |
| N360X                                    | RAYTHEON AIRCRAFT COMPANY<br>B200 | BB-1783                      | 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:

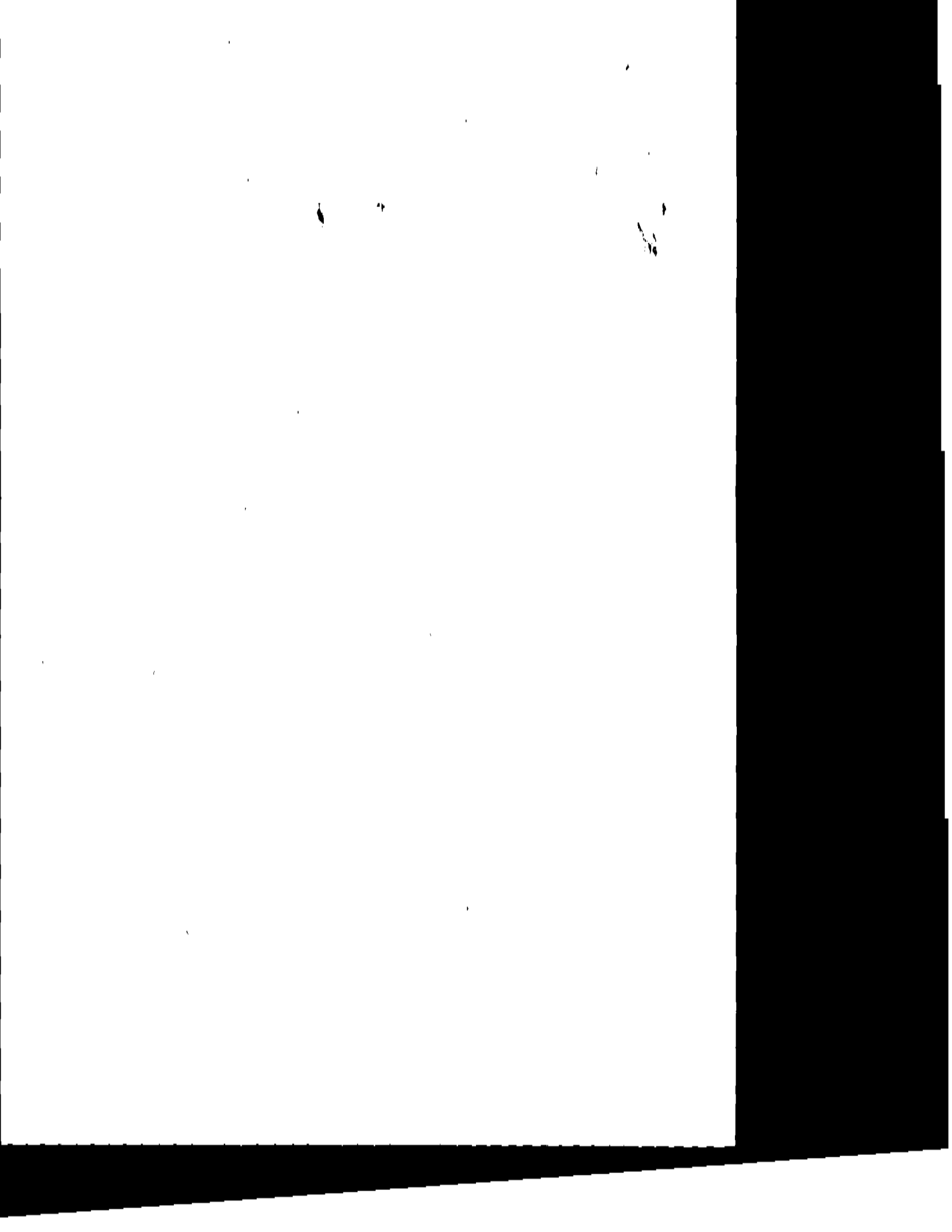
None

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 81 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|                  |                    |                    |
|------------------|--------------------|--------------------|
| DATE OF ISSUANCE | FAA REPRESENTATIVE | DESIGNATION NUMBER |
| R 10/9/2001      | GORDON L. SMITH    | GL07 CMH FSDO      |

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.



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

|   |  |  |                                  |
|---|--|--|----------------------------------|
| 1. NATIONALITY AND<br>REGISTRATION MARKS<br><br><b>N625TA</b> | 2. MANUFACTURER AND MODEL<br><br><b>RAYTHEON AIRCRAFT COMPANY<br/>B200</b> | 3. AIRCRAFT SERIAL<br>NUMBER<br><br><b>BB-1783</b> | 4. CATEGORY<br><br><b>NORMAL</b> |
|---|--|--|----------------------------------|

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<br><br><b>10-09-2001</b> | FAA REPRESENTATIVE<br><br><b>Robert Alliband</b> | DESIGNATION NUMBER<br><br><b>DOA-230339-CE</b> |
|---|--|--|

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

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# 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, VI and VII as applicable.

|                                     |  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|-------------------------------------|--|---|--|--|---|-------------------------------------|--|---|--|----------------------------------|--|---|-----------------------------------|----------------------------------|--------------------------------|--|
| I. AIRCRAFT DESCRIPTION             | 1. REGISTRATION MARK<br><b>N625TA</b>  |   | 2. AIRCRAFT BUILDER'S NAME (Make)<br><b>RAYTHEON AIRCRAFT CO.</b>  |  | 3. AIRCRAFT MODEL DESIGNATION<br><b>B200</b>                                      |                                     | 4. YR MFR<br><b>2001</b>   |   | FAA CODES<br><b>71500006</b>   |                                  | 8  |   |                                   |                                  |                                |  |
|                                     | 5. AIRCRAFT SERIAL NO.<br><b>BB-1783</b>   |   | 6. ENGINE BUILDERS NAME (Make)<br><b>Pratt &amp; Whitney Canada</b>  |  | 7. ENGINE MODEL DESIGNATION<br><b>PT6A-42</b>                                     |                                     |  |   | <b>52032</b>   |                                  |  |   |                                   |                                  |                                |  |
|                                     | 8. NUMBER OF ENGINES<br><b>2</b>   |   | 9. PROPELLER BUILDER'S NAME (Make)<br><b>Hartzell</b>  |  | 10. PROPELLER MODEL DESIGNATION<br><b>HC-E4N-3G</b>                               |                                     | 11. AIRCRAFT IS (Check if applicable)<br><input type="checkbox"/> IMPORT |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
| II. CERTIFICATION REQUESTED         | APPLICATION IS HEREBY MADE FOR: (Check applicable items)   |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | A  | 1   | <input checked="" type="checkbox"/>  | STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)   |   |                                     |  | <input checked="" type="checkbox"/>                                       | NORMAL   | <input type="checkbox"/> UTILITY | <input type="checkbox"/> ACROBATIC   | <input type="checkbox"/> TRANSPORT                        | <input type="checkbox"/> COMMUTER | <input type="checkbox"/> BALLOON | <input type="checkbox"/> OTHER |  |
|                                     | B  |   |  | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  | 7   |  | PRIMARY  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  | 2   |  | LIMITED  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  | 5   |  | PROVISIONAL (Indicate class)   |   |                                     |  | 1   | Class I  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  |   |  |  |   |                                     |  | 2   | Class II   |                                  |  |   |                                   |                                  |                                |  |
|                                     |  | 3   |  | RESTRICTED (Indicate operation(s) to be conducted)   |   |                                     |  | 1   | AGRICULTURE AND PEST CONTROL   |                                  | 2  | AERIAL  |                                   | 3                                | AERIAL ADVERTISING             |  |
|                                     |  |   |  |  |   |                                     |  | 4   | FOREST (Wildlife 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   | AIR RACING   |                                  | 5  | CREW TRAINING   |                                   | 6                                | MARKET SURVEY                  |  |
|                                     |  |   |  |  |   |                                     |  | 0   | TO SHOW COMPLIANCE WITH THE CFR  |                                  | 7  | OPERATING (Primary Category) KIT BUILT AIRCRAFT           |                                   |                                  |                                |  |
|                                     |  | 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 CERTIFICATED TAKE-OFF WEIGHT               |  |                                  |  |   |                                   |                                  |                                |  |
|                                     |  |   |  |  |   |                                     | 4  | DELIVERING OR EXPORTING   |  | 5                                | PRODUCTION FLIGHT TESTING  |   |                                   |                                  |                                |  |
|                                     |  |   |  |  |   |                                     | 6  | 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 <input checked="" type="checkbox"/> |                                   |                                  |                                |  |
|                                     | NAME<br><b>RAYTHEON AIRCRAFT COMPANY</b>   |   |  |  |   |                                     | ADDRESS<br><b>P.O. Box 85 Wichita, KS 67201</b>                          |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | <input checked="" type="checkbox"/>  | AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)<br><b>A24CE, Rev. 78</b>                                |  |  |   |                                     |  | <input checked="" type="checkbox"/>                                       | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application)<br><b>ISSUE 2001-19</b> |                                  |  |   |                                   |                                  |                                |  |
|                                     |  | AIRCRAFT LISTING (Give page number(s))<br><b>N/A</b>  |  |  |   |                                     |  |   | SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)<br><b>N/A</b>   |                                  |  |   |                                   |                                  |                                |  |
|                                     | C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | <input checked="" type="checkbox"/>  | CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417   |  |  |   | TOTAL AIRFRAME HOURS<br><b>6:51</b> |  |   |  | 3                                | EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)<br><b>N/A</b> |   |                                   |                                  |                                |  |
|                                     | 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 Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. 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<br><b>10-09-2001</b>   |   |  |  | NAME AND TITLE (Print or type)<br><b>Andrea Gambill - Administrative Staff QA</b> |                                     |  |   |  |                                  | SIGNATURE<br>  |   |                                   |                                  |                                |  |
|                                     | IV. INSPECTION AGENCY VERIFICATION   | A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete these sections only if 14 CFR part 21.183(d) applies) |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
| 2                                   |  | 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.)   |  |  |   | 3                                   | CERTIFICATED MECHANIC (Give Certificate No.)                             |   |  |                                  | 6  | CERTIFICATED REPAIR STATION (Give Certificate No.)        |                                   |                                  |                                |  |
| 5                                   |  | AIRCRAFT MANUFACTURER (Give name of firm)   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
| DATE                                |  |   |  | TITLE  |   |                                     |  |   |  | SIGNATURE                        |  |   |                                   |                                  |                                |  |
|                                     |  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
| 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 requirements for   |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | 4 THE CERTIFICATE REQUESTED  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | AMMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
|                                     | B. Inspection for a special flight permit under Section VII was conducted by:  |   |  |  |   |                                     |  |   |  |                                  |  |   |                                   |                                  |                                |  |
| DATE<br><b>10-09-2001</b>           |  |   |  | DISTRICT OFFICE<br><b>CE-43</b>  |   |                                     |  | DESIGNEE'S SIGNATURE AND NO.<br><br><b>Robert Alliband, DOA#230339-CE</b> |  |                                  |  | FAA INSPECTOR'S SIGNATURE                                 |                                   |                                  |                                |  |

|  |     |   |  |  |  |
|--|-----|---|--|--|--|
| VIII. AIRWORTHINESS DOCUMENTATION<br>(FAA DESIGNEE USE ONLY) |     |   |  |  |  |
| X  | A.  | Operating Limitations and Markings in compliance with 14 CFR section 91.9 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 Form 337 (Attached when required)                      |  |  |  |
| X  | F.  | This Inspection Recorded in Aircraft Records  |  |  |  |
|  | G.  | Statement of conformity, FAA Form B130-9 (Attach when required)                         |  |  |  |
|  | H.  | Foreign Airworthiness Certification for Import Aircraft<br>(Attached when required)     |  |  |  |
|  | I.  | Previous Airworthiness Certificate Issued in Accordance with                            |  |  |  |
|  | J.  | Current Airworthiness Certificate Issued in Accordance with                             |  |  |  |
|  | K.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | L.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | M.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | N.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | O.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | P.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | Q.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | R.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | S.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | T.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | U.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | V.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | W.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | X.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | Y.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | Z.  | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AA. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AB. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AC. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AD. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AE. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AF. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AG. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AH. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AI. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AJ. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AK. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AL. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AM. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AN. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AO. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AP. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AQ. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AR. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AS. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AT. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AU. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AV. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AW. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AX. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AY. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | AZ. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BA. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BB. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BC. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BD. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BE. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BF. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BG. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BH. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BI. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BJ. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BK. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BL. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BM. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BN. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BO. | 14 CFR Section 21.183 (a) per 21.273  |  |  |  |
|  | BP. | 14 CFR Section  |  |  |  |

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

|   |  |  |                                  |
|---|--|--|----------------------------------|
| 1. NATIONALITY AND<br>REGISTRATION MARKS<br><br><b>N625TA</b> | 2. MANUFACTURER AND MODEL<br><br><b>RAYTHEON AIRCRAFT COMPANY<br/>B200</b> | 3. AIRCRAFT SERIAL<br>NUMBER<br><br><b>BB-1783</b> | 4. CATEGORY<br><br><b>NORMAL</b> |
|---|--|--|----------------------------------|

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<br><br><b>10-09-2001</b> | FAA REPRESENTATIVE<br><br><b>Robert Alliband</b> | DESIGNATION NUMBER<br><br><b>DOA-230339-CE</b> |
|---|--|--|

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

