

FAA

|   |  |   |                            |
|---|--|---|----------------------------|
| <br>US Department of Transportation<br>Federal Aviation Administration | <b>MAJOR REPAIR AND ALTERATION</b><br><b>(Airframe, Powerplant, Propeller, or Appliance)</b> | Form Approved<br>OMB No. 2120-0020<br>2/28/2011 | Electronic Tracking Number |
|   | For FAA Use Only   |   |                            |

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

|                    |   |  |  |
|--------------------|---|--|--|
| <b>1. Aircraft</b> | Nationality and Registration Mark<br><b>N4EX</b>                    | Serial No.<br><b>177RG0057</b>   |  |
|                    | Make<br><b>CESSNA</b>   | Model<br><b>177RG</b>  | Series   |
| <b>2. Owner</b>    | Name (As shown on registration certificate)<br><b>CHURCH GLEN E</b> | Address (As shown on registration certificate)<br>Address <b>5855 S PEARLITE AVE</b> |  |
|                    |   | City <b>Las Vegas</b> State <b>NV</b>  | Zip <b>89120</b> Country <b>United States of America</b> |

**3. For FAA Use Only**

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

| 6. Conformity Statement  |  |   |  |
|--|--|---|--|
| <b>A. Agency's Name and Address</b><br>Name <b>Horton Aviation LLC</b><br>Address <b>2732 Perimeter RD. Ste.101</b><br>City <b>North Las Vegas</b> State <b>NV</b><br>Zip <b>89032</b> Country <b>United States of America</b> |  | <b>B. Kind of Agency</b><br><input type="checkbox"/> U. S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input checked="" type="checkbox"/> Certificated Repair Station<br><input type="checkbox"/> Certificated Maintenance Organization |  |
|  |  | <b>C. Certificate No.</b><br><b>YHSR-284L</b>   |  |

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

|  |   |
|--|---|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual<br><b>JAMES HORTON 05/27/2014</b>  |
|--|---|

**7. Approval for Return to Service**

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

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

|   |   |
|---|---|
| Certificate or Designation No.<br><b>YHSR284L</b> | Signature/Date of Authorized Individual<br><b>JAMES HORTON 05/27/2014</b>  |
|---|---|

## NOTICE

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

### 8. Description of Work Accomplished

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

N4EX

05-27-2014

Nationality and Registration Mark

Date

1. Removed Narco MK-12D com/nav, and ARC indicator. Installed Garmin SL-30 COM/NAV AND KI209 INDICATOR at F.S. 10.0
2. The installation was done in accordance with Garmin SL30 installation Manual P/N 560-0404-03D, Rev 03d dated 7/25/12 AND KING KI 208/209 MANUAL P/N 066-00140-0004 REV 4, DATED AUGUST 2002.
3. The installation was also done using FAA Advisory Circular 43.13-1B CNG. 1 Paragraphs 4-4, 4-52, 7-14, 10-1, 10-2, 10-16, 10-19, 10-20, 11-1, 11-2, 11-30, 11-31, 11-35, 11-36, 11-47, 11-48, 11-49, 11-50, 11-51, 11-55, 11-66, 11-76, 11-77, 11-85, 11-86, 11-87, 11-89, 11-96, 11-105, 11-106, 11-107, 11-115, 11-116, 11-117, 11-120, 11-121, 11-123, 11-124, 11-135, 11-138, 11-139, 11-146, 11-147, 11-155, 11-158, 11-167, 11-174, 11-178, 11-185, 11-186, 11-187, 11-230, 11-232, 11-235, 12-1, 12-2, 12-8, 12-14, and also using FAA advisory Circular 43.13-2B chapters 1 and 2, as a Guide.
4. The SL-30 and KI-209 are powdered via a 7.5 AMP breaker labeled Radio 2.
5. The SL-30 AND KI-209 is installed as number 2 COM/NAV.
6. For Instructions on Continued Airworthiness refer to Garmin SL30 installation Manual P/N 560-0404-03D, Rev 03d dated 7/25/12 page 42, AND KING KI 208/209 MANUAL P/N 066-00140-0004 REV 4, DATED AUGUST 2002.
7. TEFZEL wire was used.
8. Weight and balance change and equipment list revised.
9. Interference and function test and inspections were accomplished in accordance with manufacturer's installation and check out manual.

Additional Sheets Are Attached

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

|  |  |   |                              |
|--|--|---|------------------------------|
| 1. NATIONALITY AND REGISTRATION MARKS<br><b>N4EX</b> | 2. MANUFACTURER AND MODEL<br><b>CESSNA</b> | 3. AIRCRAFT SERIAL NUMBER<br><b>177RG0057</b> | 4. CATEGORY<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**

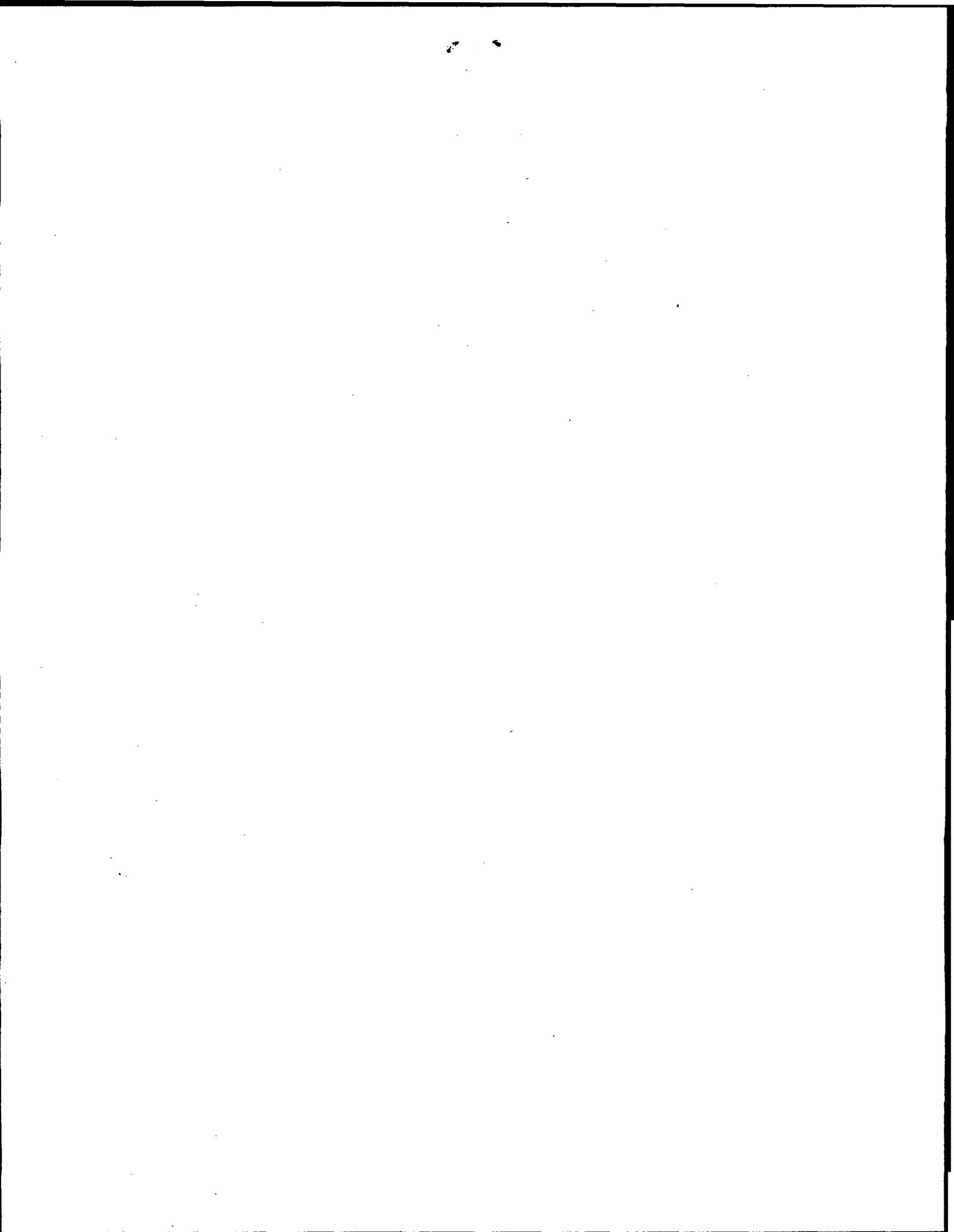
6. TERMS AND CONDITIONS  
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|  |  |   |
|--|--|---|
| DATE OF ISSUANCE<br><b>R02/06/1971</b> | FAA REPRESENTATIVE<br><i>Lisa A. Cotham</i><br><b>LISA A. COTHAM</b> | DESIGNATION NUMBER<br><b>ASW BTR FSDO</b> |
|--|--|---|

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

**FAA Form 8100-2 (8-82)**

\*U.S. G.P.O. 1995 669-242





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 On

Office Identification

*5203*

**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)

|                    |   |   |
|--------------------|---|---|
| <b>1. Aircraft</b> | Make<br><b>Cessna</b>   | Model<br><b>177RG</b>   |
|                    | Serial No.<br><b>177RG0057</b>  | Nationality and Registration Mark<br><b>N4EX</b>  |
| <b>2. Owner</b>    | Name (As shown on registration certificate)<br><b>Skybird Enterprises LLC</b> | Address (As shown on registration certificate)<br><b>3511 Silverside Rd Ste 105<br/>Wilmington, DE 19810-4902</b> |

**3. For FAA Use Only**

| 4. Unit Identification |                                       |       |            | 5. Type |            |
|------------------------|---------------------------------------|-------|------------|---------|------------|
| Unit                   | Make                                  | Model | Serial No. | Repair  | Alteration |
| <b>AIRFRAME</b>        | <i>(As described in item 1 above)</i> |       |            |         | <b>X</b>   |
| <b>POWERPLANT</b>      |                                       |       |            |         |            |
| <b>PROPELLER</b>       |                                       |       |            |         |            |
| <b>APPLIANCE</b>       | Type                                  |       |            |         |            |
|                        | Manufacturer                          |       |            |         |            |

**6. Conformity Statement**

|   |   |   |
|---|---|---|
| <b>A. Agency's Name and Address</b><br>Kirk F. Hornung<br>2166 Biron St<br>Mandeville, LA 70448 | <b>B. Kind of Agency</b><br><input checked="" type="checkbox"/> U.S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input type="checkbox"/> Certificated Repair Station<br><input type="checkbox"/> Manufacturer | <b>C. Certificate No.</b><br><b>A&amp;P 282821033</b> |
|---|---|---|

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

|                       |  |
|-----------------------|--|
| Date<br><b>4/9/04</b> | Signature of Authorized Individual<br><b>Kirk F. Hornung</b> |
|-----------------------|--|

**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**

|           |                             |                |          |   |                 |
|-----------|-----------------------------|----------------|----------|---|-----------------|
| <b>BY</b> | FAA Fit Standards Inspector | Manufacturer   | <b>X</b> | Inspection Authorization                                | Other (Specify) |
|           | FAA Designee                | Repair Station |          | Person Approved by Transport Canada Airworthiness Group |                 |

|  |   |  |
|--|---|--|
| Date of Approval or Rejection<br><b>4/9/04</b> | Certificate or Designation No.<br><b>A&amp;P4391152231A</b> | Signature of Authorized Individual<br><b>Todd H. Snure</b> |
|--|---|--|

**NOTICE**

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

**8. Description of Work Accomplished**

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

Removed metal spinner and installed TCB Composite Company P/N TCB0752637-16 in accordance with STC SA01164AT. Installation accomplished in accordance with "Installation Procedures and Parts List for Cessna 177RG Composite Spinner". Weight and balance change is negligible.

END

Additional Sheets Are Attached

United States of America  
Department of Transportation — Federal Aviation Administration

# Supplemental Type Certificate

Number SA01164AT

This certificate issued to TCB Composite Co.  
6041 Bartholf Ave, Suite 3  
Jacksonville, FL 32210

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.

Original Product - Type Certificate Number: A20CE  
Make: Cessna  
Model: 177 RG

*Description of Type Design Change:*

Installation of Composite Spinner in accordance with TCB Composite Company "Installation Procedures and Parts List for Cessna 177RG, Composite Spinner", Revision A, dated April 4, 1998; or later FAA approved revision.

*Limitations and Conditions:* This approval should not be extended to other airplanes of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

*Date of application:* August 14, 1996

*Date received:*

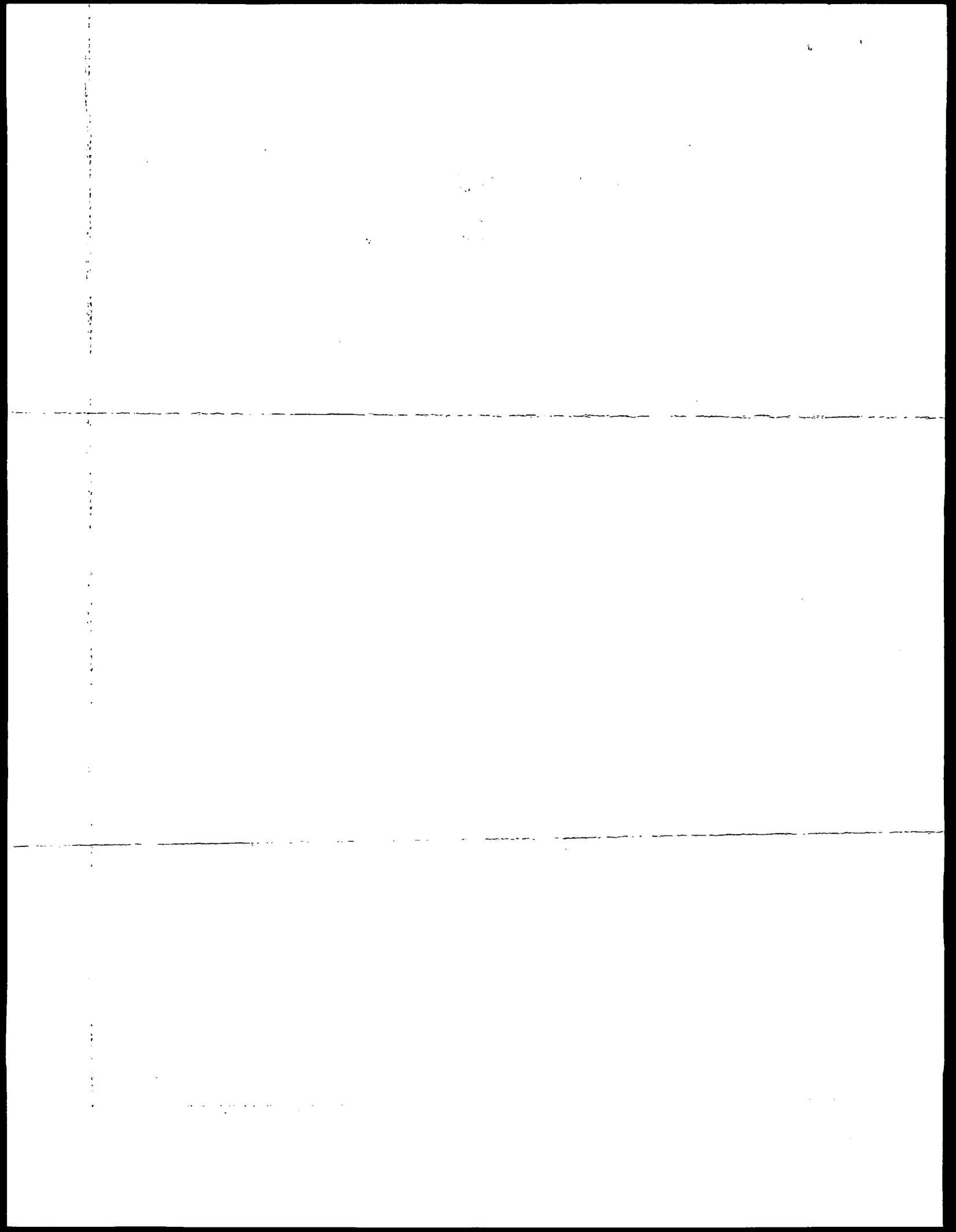
*Date of issuance:* October 02, 1996

*Date amended:* April 22, 1997; September 14, 1998



By direction of the Administrator  
*Paul C. Sconyers*  
(Signature)  
Paul C. Sconyers  
Associate Manager  
Atlanta Aircraft Certification Office

(Title)



United States of America  
Department of Transportation - Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA01164AT

Cont. Limitations and Conditions:

Composite Spinner, Part Number TCB0752637-16, is a replacement for Cessna Part Number 0752637-16.

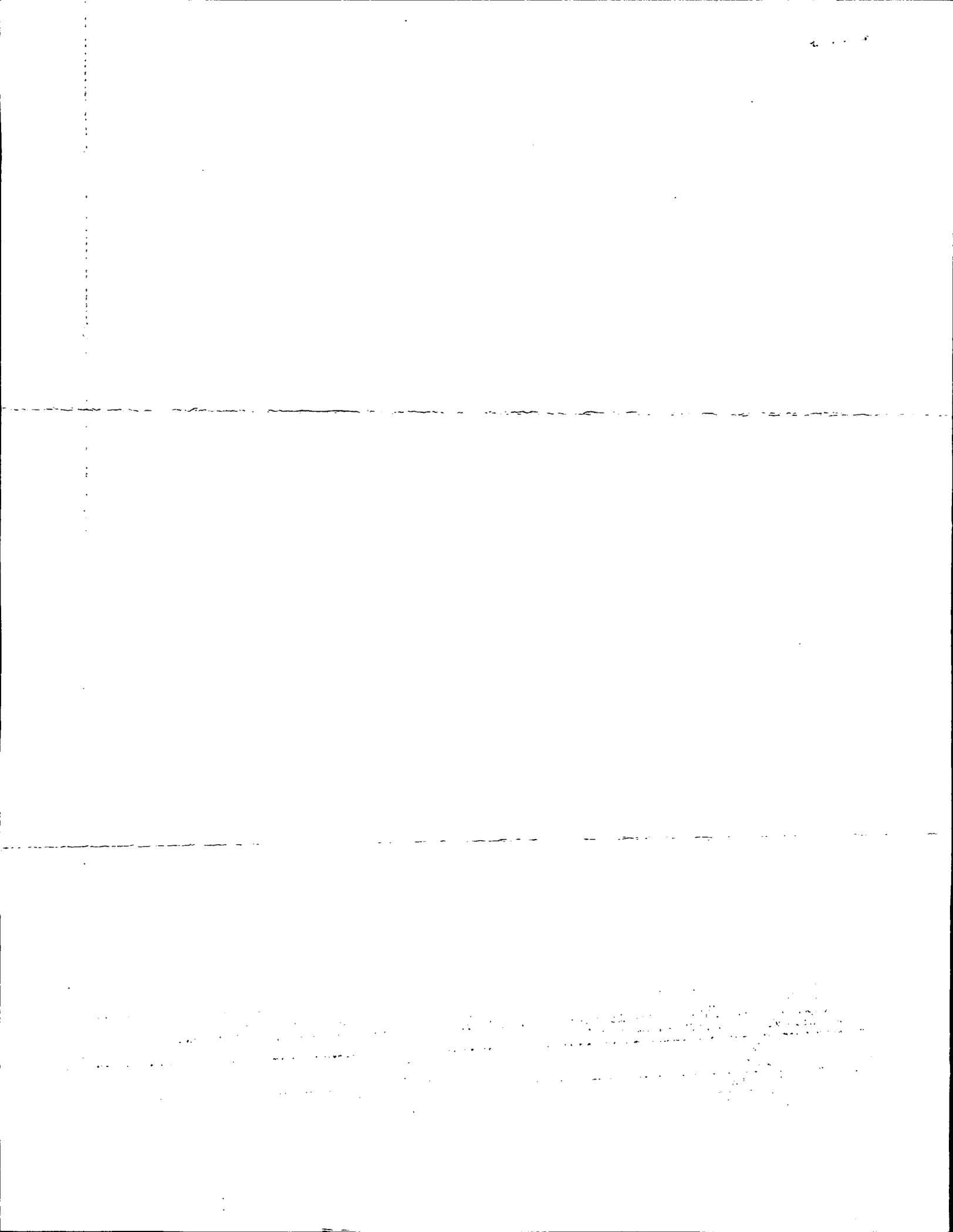
Date of Issuance:

October 2, 1996

Date of Amendment:

April 22, 1997; September 14, 1998

-----END-----





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  
**RNO 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 Federal Aviation Act of 1958).

|                    |  |   |
|--------------------|--|---|
| <b>1. Aircraft</b> | Make<br>CESSNA   | Model<br>177RG  |
|                    | Serial No.<br>177RG0057  | Nationality and Registration Mark<br>N 4EX  |
| <b>2. Owner</b>    | Name (As shown on registration certificate)<br>TWO MIKES, Inc. | Address (As shown on registration certificate)<br>P.O. BOX 8269<br>INCLINE VILLAGE, NV. 89450 |

### 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

|  |  |                           |
|--|--|---------------------------|
| <b>A. Agency's Name and Address</b>  | <b>B. Kind of Agency</b>                                       | <b>C. Certificate No.</b> |
| FLASHBACK AVIATION<br>MITCH BONESTEEL<br>1369 SARATOGA LANE<br>MINDEN, NV. 89423 | <input checked="" type="checkbox"/> U.S. Certificated Mechanic | 307503258                 |
|  | <input type="checkbox"/> Foreign Certificated Mechanic         |                           |
|  | <input type="checkbox"/> Certificated Repair Station           |                           |
|  | <input type="checkbox"/> Manufacturer                          |                           |

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

|                           |  |
|---------------------------|--|
| Date<br>26 September 2003 | Signature of Authorized Individual<br><i>Mitch Bonesteel</i> |
|---------------------------|--|

### 7. Approval for Return To Service

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

|  |                             |   |                                     |  |                 |
|--|-----------------------------|---|-------------------------------------|--|-----------------|
| BY   | FAA Fl. Standards Inspector | Manufacturer                                | <input checked="" type="checkbox"/> | Inspection Authorization                                     | Other (Specify) |
|  | FAA Designee                | Repair Station                              |                                     | Person Approved by Transport Canada Airworthiness Group      |                 |
| Date of Approval or Rejection<br>26 September 2003 |                             | Certificate or Designation No.<br>307503258 |                                     | Signature of Authorized Individual<br><i>Mitch Bonesteel</i> |                 |

## NOTICE

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

### 8. Description of Work Accomplished

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

Installed Walker Engineering Co. air/oil separator per STC#SA3860WE, in accordance with furnished instructions KW-3003-2,1-6.

Installed fuel inlets & caps, in accordance with Barton Drawing list # WW-1, dated November 7, 1988 or later F.A.A. approved revisions per STC#SA2458CE. Amended weight and balance as required.

\*\*\*\*\* NOTHING FOLLOWS \*\*\*\*\*

Additional Sheets Are Attached

8122975

JUN 18 1974 FEDERAL AVIATION ADMINISTRATION  
APPLICATION FOR AIRWORTHINESS CERTIFICATE

INSPECTIONS—Print 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.

|                                     |  |   |   |                                |
|-------------------------------------|--|---|---|--------------------------------|
| 1. REGISTRATION MARK<br>N111BA      | 2. AIRCRAFT BUILDER'S NAME (make)<br>Cessna    | 3. AIRCRAFT MODEL DESIGNATION<br>177RG            | 4. YR. MFG.<br>1971   | FAA CODING<br>2073709<br>41515 |
| 5. AIRCRAFT SERIAL NO.<br>177RG0057 | 6. ENGINE BUILDER'S NAME (make)<br>Lycoming    | 7. ENGINE MODEL DESIGNATION<br>IO-360-A1B6        |   |                                |
| 8. NUMBER OF ENGINES<br>One         | 9. PROPELLER BUILDER'S NAME (make)<br>McCauley | 10. PROPELLER MODEL DESIGNATION<br>C2D34C206/78TA | 11. AIRCRAFT IS:<br><input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED <input type="checkbox"/> IMPORT |                                |

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A.  STANDARD AIRWORTHINESS CERT. (Indicate category):  NORMAL  UTILITY  ACROBATIC  TRANSPORT  GLIDER  BALLOON

B. SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

|   |   |
|---|---|
| 1. LIMITED  | 1. CLASS I  |
| 2. PROVISIONAL (Indicate class)   | 2. CLASS II   |
| 3. RESTRICTED (Indicate operation(s) to be conducted)   | 3. AGRICULTURE & PEST CONTROL                                     |
| 4. EXPERIMENTAL (Indicate operation(s) to be conducted)   | 4. FOREST (Wild life conservation)                                |
| 5. SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side) | 5. PATROLLING   |
|   | 6. OTHER (Specify)  |
|   | 7. RESEARCH AND DEVELOPMENT                                       |
|   | 8. RACING   |
|   | 9. TO SHOW COMPLIANCE WITH FAR                                    |
|   | 10. FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE |
|   | 11. EVACUATE FROM AREA OF IMPENDING DANGER                        |
|   | 12. OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT      |
|   | 13. DELIVERING OR EXPORT  |
|   | 14. PRODUCTION FLIGHT TESTING                                     |

C.  MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation Standard or Limited as applicable above)

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE

NAME: Cessna Aircraft Company ADDRESS: 5800 East Pawnee Road, Wichita, Kansas 67201

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

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): A20CE AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): 71-3

AIRCRAFT LISTING (Give page No.): SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated):

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173  TOTAL AIRFRAME HOURS—Enter for used aircraft only: EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed:

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: 1-19-71 NAME AND TITLE (Print or type): V. G. Weddle, Owner's Agent SIGNATURE: V. G. Weddle

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)

|  |   |   |
|--|---|---|
| 1. FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.) | 2. CERTIFICATED MECHANIC (Give Certificate No.) | 3. CERTIFICATED REPAIR STATION (Give Certificate No.) |
| 4. AIRCRAFT MANUFACTURER (Give Name of Firm)                     | TITLE: SIGNATURE:                               |   |

V. FAA REPRESENTATIVE CERTIFICATION

I have inspected the aircraft described in item I or VII and find it meets the requirements for:

A. STANDARD AIRWORTHINESS CERTIFICATE  B. SPECIAL AIRWORTHINESS CERTIFICATE

C. AMENDMENT OR MODIFICATION OF ITS CURRENT AIRWORTHINESS CERTIFICATE

DATE: 2-6-74 DISTRICT OFFICE: ICT EMDO 3-0-43 DESIGNER'S SIGNATURE AND TITLE: W. L. Wadley, Cessna Aircraft Co., Commandal Div., Delegation Office, Manufacturing CE-1 FAA INSPECTOR'S SIGNATURE:

APPROVED BY OPERATOR AND

|  |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|--|--|---|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|---------------------------------------|--------------------------|
| VI. PRODUCTION FLIGHT TESTING  | A. MANUFACTURER NAME   |   | ADDRESS                  |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  | B. PRODUCTION BASIS (Check applicable item)  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  | <input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number)<br><input type="checkbox"/> TYPE CERTIFICATE DATA SHEET<br><input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:   |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| DATE OF APPLICATION  |  | NAME AND TITLE (Print or type)  |                          | SIGNATURE                            |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)   | A. DESCRIPTION OF AIRCRAFT   |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  | REGISTERED OWNER   |   | ADDRESS                  |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  | BUK (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   |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  | <input type="checkbox"/> PILOT <input type="checkbox"/> CO-PILOT <input type="checkbox"/> NAVIGATOR <input type="checkbox"/> OTHER (Specify)   |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:  |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 1. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED WITH THE FAA<br>2. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES<br>3. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY<br>4. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN A FOREIGN COUNTRY<br>5. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN A FOREIGN COUNTRY AND IS NOT REGISTERED IN THE UNITED STATES<br>6. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY<br>7. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY AND IS NOT REGISTERED IN THE UNITED STATES<br>8. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY AND IS NOT REGISTERED IN THE UNITED STATES<br>9. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY AND IS NOT REGISTERED IN THE UNITED STATES<br>10. <input type="checkbox"/> AIRCRAFT IS NOT REGISTERED IN THE UNITED STATES AND IS NOT REGISTERED IN A FOREIGN COUNTRY AND IS NOT REGISTERED IN THE UNITED STATES |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)  |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| <table border="1"> <tr> <td>1. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> <td>2. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> <td>4. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> </tr> <tr> <td>5. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> <td>6. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> </tr> <tr> <td>7. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> <td>8. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> </tr> <tr> <td>9. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> <td>10. TO SHOW COMPLIANCE WITH FAR 91.31</td> <td><input type="checkbox"/></td> </tr> </table>  |  |   |                          | 1. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 2. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 3. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 4. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 5. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 6. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 7. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 8. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 9. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> | 10. TO SHOW COMPLIANCE WITH FAR 91.31 | <input type="checkbox"/> |
| 1. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/>   | 2. TO SHOW COMPLIANCE WITH FAR 91.31  | <input type="checkbox"/> |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 3. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/>   | 4. TO SHOW COMPLIANCE WITH FAR 91.31  | <input type="checkbox"/> |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 5. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/>   | 6. TO SHOW COMPLIANCE WITH FAR 91.31  | <input type="checkbox"/> |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 7. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/>   | 8. TO SHOW COMPLIANCE WITH FAR 91.31  | <input type="checkbox"/> |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 9. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/>   | 10. TO SHOW COMPLIANCE WITH FAR 91.31   | <input type="checkbox"/> |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| 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                            |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
|  |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable   |  | G. Statement of Conformity, FAA Form 317 (Attach when required)   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| B. Current Operating Limitations Attached  |  | H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)                       |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| C. Data, Drawings, Photographs, etc. (Attach when required)  |  | I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached) |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| D. Current Weight and Balance Information Available in Aircraft  |  | J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) (Copy attached)           |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| E. Major Repair and Alteration, FAA 337 (Attach when required)   |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |
| F. This Inspection Recorded in Aircraft Records  |  |   |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                      |                          |                                       |                          |

RECEIVED SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

RECEIVED ENGINEERING AND MANUFACTURING BRANCH  
AUG 16 09 05 27



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

|  |   |   |                              |
|--|---|---|------------------------------|
| 1. NATIONALITY AND REGISTRATION MARKS<br><b>N111BA</b>   | 2. MANUFACTURER AND MODEL<br><b>Cessna 177R</b> | 3. AIRCRAFT SERIAL NUMBER<br><b>177RG0057</b> | 4. CATEGORY<br><b>Normal</b> |
| 5. AUTHORITY AND BASIS FOR ISSUANCE<br>This airworthiness certificate is issued pursuant to 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 to meet the requirements of the applicable comprehensive and detailed airworthiness data as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.<br>Exceptions: <b>None</b> |   |   |                              |
| 6. TERMS AND CONDITIONS<br>Unless sooner surrendered, suspended, revoked, or annulled, this certificate is valid for the period of time established by the Administrator, this airworthiness certificate is valid as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Parts 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States. Designation: <b>Normal</b>   |   |   |                              |
| DATE OF ISSUANCE<br><b>2-6-71</b>  | FAA REPRESENTATIVE<br><b>INSTRUMENT</b>         | DESIGNATION NUMBER<br><b>177R</b>             |                              |

Any alteration, reproduction, or misuse of this certificate may be punished by a fine of not more than \$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 AIRCRAFT REGISTRY  
CAMERA NO. 2

DATE: 8-7-84

FAA AIRCRAFT REGISTRY  
CAMERA NO. 2  
DATE: 8-7-84

REGISTRATION NO. N12345  
TYPE: C-172  
SERIAL NO. 12345

OWNER: JOHN D. SMITH  
ADDRESS: 123 MAIN ST, ANYTOWN, CA 90001

REGISTRATION STATE: CA  
EXPIRES: 12/31/84

FAA AIRCRAFT REGISTRY  
CAMERA NO. 2  
DATE: 8-7-84

FAA AIRCRAFT REGISTRY  
CAMERA NO. 2

DATE: 8-7-84

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

|  |  |  |                              |
|--|--|--|------------------------------|
| 1. NATIONALITY AND REGISTRATION MARKS<br><b>N117RA</b> | 2. MANUFACTURER AND MODEL<br><b>CESNA 177B</b> | 3. AIRCRAFT SERIAL NUMBER<br><b>177B0057</b> | 4. CATEGORY<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, preventive maintenance, and alterations are performed in accordance with Parts 43, 45, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

|   |   |   |
|---|---|---|
| DATE OF ISSUANCE<br><b>Replacement</b><br><b>02/06/71</b> | FAA REPRESENTATIVE<br><b>W. J. STRAIN</b> | DESIGNATION NUMBER<br><b>CL-CADO-1A</b> |
|---|---|---|

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

FAA Form 8100-2 (7-57) FORMERLY FAA FORM 1362

GPO : 1967-O-270-93

