

# **N613ES**

## **2005 Cessna T182T**

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# **FAA Certificates**

**MSN: T18208424**



*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*



U.S. Department  
of Transportation  
Federal Aviation  
Administration

## APPLICATION FOR US 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 attachment. For special flight permits complete Sections II, VI and VII as applicable.

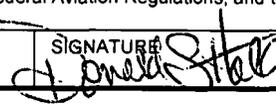
|                                |  |  |   |                            |  |
|--------------------------------|--|--|---|----------------------------|--|
| <b>I. AIRCRAFT DESCRIPTION</b> | 1. REGISTRATION MARK<br><b>N613ES</b>      | 2. AIRCRAFT BUILDER'S NAME (Make)<br><b>Cessna</b>     | 3. AIRCRAFT MODEL DESIGNATION<br><b>T182T</b>               | 4. YR. MFR.<br><b>2005</b> | FAA CODING   |
|                                | 5. AIRCRAFT SERIAL NO.<br><b>T18208424</b> | 6. ENGINE BUILDER'S NAME (Make)<br><b>Lycoming</b>     | 7. ENGINE MODEL DESIGNATION<br><b>TIO-540 AK1A</b>          |                            |  |
|                                | 8. NUMBER OF ENGINES<br><b>One</b>         | 9. PROPELLER BUILDER'S NAME (Make)<br><b>McCaughey</b> | 10. PROPELLER MODEL DESIGNATION<br><b>B3D36C442/80VSB-1</b> |                            | 11. AIRCRAFT IS (Check if applicable)<br><b>IMPORT</b> |
|                                |  |  |   |                            |  |

|   |   |  |   |   |                                |  |               |                  |                    |       |  |  |
|---|---|--|---|---|--------------------------------|--|---------------|------------------|--------------------|-------|--|--|
| <b>APPLICATION IS HEREBY MADE FOR: (Check applicable items)</b> |   |  |   |   |                                |  |               |                  |                    |       |  |  |
| <b>II. CERTIFICATION REQUESTED</b>                              | A | 1  | STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)  | NORMAL  | UTILITY                        | ACROBATIC  | TRANSPORT     | COMMUTER         | BALLOON            | OTHER |  |  |
|   | B | <input checked="" type="checkbox"/>  | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)   |   |                                |  |               |                  |                    |       |  |  |
|   |   | 7  | PRIMARY   |   |                                |  |               |                  |                    |       |  |  |
|   |   | 9  | LIGHT-SPORT (Indicate Class)  | AIRPLANE  | POWER-PARACHUTE                | WEIGHT-SHIFT-CONTROL   | GLIDER        | LIGHTER THAN AIR |                    |       |  |  |
|   |   | 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 SURVEY | 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   | OPERATING LIGHT-SPORT   | 8A                             | Existing aircraft without an airworthiness certificate & do not meet § 103.1                                 |               |                  |                    |       |  |  |
|   |   |  |   |   | 8B                             | Operating Light-Sport Kit-Built  |               |                  |                    |       |  |  |
|   |   |  |   |   | 8C                             | Operating light-sport previously issued special light-sport category airworthiness certificate under § 21.10 |               |                  |                    |       |  |  |
|   | 8 | <input checked="" type="checkbox"/> SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted, then complete Section VI or VII as applicable on reverse side) | 1   | FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE                                   |                                |  |               |                  |                    |       |  |  |
|   |   |  | 2   | EVACUATION FROM AREA OF IMPENDING DANGER  |                                |  |               |                  |                    |       |  |  |
|   |   |  | 3   | <input checked="" type="checkbox"/> OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT |                                |  |               |                  |                    |       |  |  |
|   |   |  | 4   | <input checked="" type="checkbox"/> DELIVERING OR EXPORT  | 5                              | PRODUCTION FLIGHT TESTING  |               |                  |                    |       |  |  |
|   |   |  | 6   | CUSTOMER DEMONSTRATION FLIGHTS  |                                |  |               |                  |                    |       |  |  |
|   | C | 6  | MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited" as applicable) |   |                                |  |               |                  |                    |       |  |  |

|  |   |                                |  |
|--|---|--------------------------------|--|
| <b>III. OWNER'S CERTIFICATION</b>  | A. REGISTERED OWNER (As shown on certificate of aircraft registration)                    |                                | IF DEALER, CHECK HERE <input type="checkbox"/>   |
|  | NAME  |                                | ADDRESS  |
|  | B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated) |                                |  |
|  | AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)         |                                | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) |
|  | AIRCRAFT LISTING (Give Page Number(s))  |                                | SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)   |
| C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS  |   |                                |  |
| CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417  |   | TOTAL AIRFRAME HOURS           | 3 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)   |
| D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the 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  |   | NAME AND TITLE (Print or Type) | SIGNATURE  |

|   |  |  |       |  |           |   |
|---|--|--|-------|--|-----------|---|
| <b>IV. INSPECTION AGENCY VERIFICATION</b> | A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if 14 CFR part 21.183(d) applies) |  |       |  |           |   |
|   | 2  | 14 CFR part 121 CERTIFICATE HOLDER (Give Certificate No) | 3     | CERTIFIED MECHANIC (Give Certificate No) | 6         | CERTIFICATED REPAIR STATION (Give Certificate No) |
|   | 5  | AIRCRAFT MANUFACTURER (Give Name of Firm)                |       |  |           |   |
|   | DATE   |  | TITLE |  | SIGNATURE |   |

|  |  |                 |  |  |  |                           |
|--|--|-----------------|--|--|--|---------------------------|
| <b>V. FAA REPRESENTATIVE CERTIFICATION</b> | (Check ALL applicable blocks in items A and B)                                   |                 |  |  |  |                           |
|  | A. I find that the aircraft described in Section I or VII meets requirements for |                 |  | THE CERTIFICATE REQUESTED                                      |  |                           |
|  | 4  |                 |  | AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE |  |                           |
|  | B. Inspection for a special flight permit under Section VII was conducted by:    |                 |  | FAA INSPECTOR  |  | FAA DESIGNEE              |
| DATE                                       |  | DISTRICT OFFICE |  | DESIGNEE'S SIGNATURE AND NO.                                   |  | FAA INSPECTOR'S SIGNATURE |
| 05-13-2011                                 |  | 50-F800-15      |  | 4  |  | 1                         |

|   |  |  |   |                 |
|---|--|--|---|-----------------|
| VI. PRODUCTION FLIGHT TESTING   | A. MANUFACTURER  |  |   |                 |
|   | NAME   |  | ADDRESS   |                 |
|   | B. PRODUCTION BASIS <i>(Check applicable item)</i>   |  |   |                 |
|   | <input type="checkbox"/>   | PRODUCTION CERTIFICATE <i>(Give production certificate number)</i> → |   |                 |
|   | <input type="checkbox"/>   | TYPE CERTIFICATE ONLY  |   |                 |
| <input type="checkbox"/>  | APPROVED PRODUCTION INSPECTION SYSTEM  |  |   |                 |
| C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS   |  |  |   |                 |
| DATE OF APPLICATION   | NAME AND TITLE <i>(Print or Type)</i>  |  | SIGNATURE   |                 |
| VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TESTS  | A. DESCRIPTION OF AIRCRAFT   |  |   |                 |
|   | REGISTERED OWNER<br>Aircraft Guaranty Corp Trustee   |  | ADDRESS<br>PO Box 2549, Onalaska, TX 77360-2549   |                 |
|   | BUILDER (Make)<br>Cessna   |  | MODEL<br>T182T  |                 |
|   | SERIAL NUMBER<br>T18208424   |  | REGISTRATION MARK<br>N613ES   |                 |
|   | B. DESCRIPTION OF FLIGHT      CUSTOMER DEMONSTRATION FLIGHTS <input type="checkbox"/> <i>(Check if applicable)</i> |  |   |                 |
|   | FROM<br>Wimauma Florida  |  | TO<br>Jerez Spain   |                 |
|   | VIA<br>Bangor Maine  | DEPARTURE DATE<br>16 May 2011  | DURATION<br>30 Days   |                 |
|   | C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT   |  |   |                 |
|   | <input checked="" type="checkbox"/>  | PILOT  | <input type="checkbox"/>  | CO-PILOT        |
|   | <input type="checkbox"/>   |  | <input type="checkbox"/>  | FLIGHT ENGINEER |
| <input type="checkbox"/>  |  | <input type="checkbox"/>   | OTHER <i>(Specify)</i>  |                 |
| D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:   |  |  |   |                 |
| Temporary fuel system installed in accordance with FAA form 337 Major Repair and Alteration. Gross weight not to exceed 130% of certified maximum weight per T.C. 3A13, Note 4.   |  |  |   |                 |
| E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: <i>(Use attachment if necessary)</i>   |  |  |   |                 |
| 1. When the aircraft is in an overweight condition, the Vne can not exceed 122 KIAS and Vc can not exceed 98 KIAS   |  |  |   |                 |
| 2. The operating instructions for the use of the ferry system will be shown by a temporary placard in full view of the pilot and a booklet titled Airplane Auxiliary Fuel System Instructions for C T182T.  |  |  |   |                 |
| 3. The fuel quantity in the aft cabin shall not exceed 100 Gallons in the aft aux tank.   |  |  |   |                 |
| 4. Fuel Quantity in Copilot tank shall not exceed 30 Gallons  |  |  |   |                 |
| 5. Consult the weight and balance while loading fuel as to not exceed the aft CG limits.  |  |  |   |                 |
| 6. See attached SPECIAL FLIGHT PERMIT OPERATIONS LIMITATIONS.   |  |  |   |                 |
| 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 Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described. |  |  |   |                 |
| DATE<br>11 May 2011   | NAME AND TITLE <i>(Print or Type)</i><br>Donald S. Hall, Member  |  | SIGNATURE<br>                        |                 |
| VIII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)   | A. Operating Limitations and Markings in compliance with 14 CFR section 91.9, as Applicable                        |  | G. Statement of Conformity, FAA Form 8130-9 <i>(Attach When Required)</i>   |                 |
|   | B. Current Operating Limitations Attached  |  | H. Foreign Airworthiness Certification For Import Aircraft <i>(Attach When Required)</i>                                  |                 |
|   | C. Data, Drawings, Photographs, etc. <i>(Attach When Required)</i>   |  | I. Previous Airworthiness Certificate Issued In Accordance With 14 CFR Section _____ CAR _____ <i>(Original Attached)</i> |                 |
|   | D. Current Weight and Balance Information Available in Aircraft  |  | J. Current Airworthiness Certificate Issued In Accordance With 14 CFR Section _____ <i>(Copy Attached)</i>                |                 |
|   | E. Major Repair and Alteration, FAA Form 337 <i>(Attach When Required)</i>   |  | K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 <i>(Attach when required)</i>                           |                 |
|   | F. This inspection Recorded In Aircraft Records  |  |   |                 |

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

|          |                                 |                |                                  |                              |  |
|----------|---------------------------------|----------------|----------------------------------|------------------------------|--|
| <b>A</b> | CATEGORY/DESIGNATION            |                | Special Flight Permit            |                              |  |
|          | PURPOSE                         |                | Operation of Overweight Aircraft |                              |  |
| <b>B</b> | MANUFACTURER                    | NAME           | Wimauma, Florida                 |                              |  |
|          |                                 | ADDRESS        | Jerez, Spain                     |                              |  |
| <b>C</b> | FLIGHT                          | FROM           | Wimauma, Florida                 |                              |  |
|          |                                 | TO             | Jerez, Spain                     |                              |  |
| <b>D</b> | N-                              | 613ES          | SERIAL NO.                       | T18208424                    |  |
|          | BUILDER                         | Cessna         | MODEL                            | T182T                        |  |
| <b>E</b> | DATE OF ISSUANCE                |                | 05-13-2011                       | EXPIRY                       |  |
|          | OPERATING LIMITATIONS DATED     |                | 05-13-2011                       | ARE PART OF THIS CERTIFICATE |  |
|          | SIGNATURE OF FAA REPRESENTATIVE |                | DESIGNATION OR OFFICE NO.        |                              |  |
|          |                                 | Mark V. Keefer | SO-FSDO-15                       |                              |  |

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 2 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).

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

|  |   |   |  |
|--|---|---|--|
| 1. NATIONALITY AND REGISTRATION MARKS<br><br><p style="text-align: center; font-size: 1.2em;">N613ES</p> | 2. MANUFACTURER AND MODEL<br><br><p style="text-align: center;">Cessna Aircraft Company T182T</p> | 3. AIRCRAFT SERIAL NUMBER<br><br><p style="text-align: center;">T18208424</p> | 4. CATEGORY<br><br><p style="text-align: center; font-size: 1.2em;">Normal</p> |
|--|---|---|--|

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><p style="text-align: center; font-size: 1.2em;">08/09/2005</p> | FAA REPRESENTATIVE<br><br><p style="text-align: center; font-size: 1.2em;">Jimmy D. Hall</p> | DESIGNATION NUMBER<br><br><p style="text-align: center; font-size: 1.2em;">ODARF100129CE</p> |
|---|--|--|

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.

Federal Aviation Administration  
Flight Standards District Office  
5601 Mariner Street, Suite 310  
Tampa, Florida 33609-3416

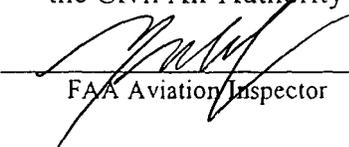
Special Flight Permit – Operating Limitations

Make: Cessna Registration Number: N613ES  
Model: T182T Serial Number: T18208424

These Operating Limitations are part of the Special Airworthiness Certificate, FAA Form 8130-7, dated 05-13-2011, and must be available and on board the aircraft while operating.

AIRCRAFT OPERATION LIMITATIONS FOR OPERATION OF OVERWEIGHT AIRCRAFT I/A/W FAR 21.197(b)

1. Maximum take-off weight shall not exceed 3854 pounds.
2. The certificated center of gravity envelope of FWD +40.9 AFT +46.0 shall not be exceeded.
3. Excess weight over the certificated maximum gross weight is limited to additional fuel, navigation and survival equipment necessary for the flight.
4. Acrobatics and abrupt maneuvers are prohibited.
5. Avoid moderate to severe turbulence.
6. When an overweight landing is made or the aircraft has been flown through turbulence while in an overweight condition, the aircraft must be inspected for damage after landing. The inspection performed and the findings must be entered into the aircraft log. The pilot must determine, before the next take-off, that the aircraft is airworthy.
7. Operation in the overweight condition must be conducted to avoid areas having heavy air traffic, to avoid cities, towns, villages, and congested areas, or any other area where such flights might create hazardous exposure to persons or property on the ground.
8. Prior to requesting clearance to take-off position, the pilot in command must advise the tower of the overweight conditions, and of any limitations with respect to a specific runway or prescribed meteorological conditions.
9. When the aircraft is in overweight condition, the never exceed speed (VNE) shall not exceed 122 KIAS and the Vc shall not exceed 98 KIAS.
10. The fuel quantity should not exceed 100 gallons in the rear tank and 30 gallons in the co-pilot tank.
11. The sequence of use of the ferry fuel tanks shall be as shown by a temporary placard installed in full view of the pilot and ferry tank operation instructions supplied.
12. No person may be carried in this aircraft during flight unless that person is required for the purpose of the flight.
13. The pilot in command will hold a commercial and instrument rating.
14. No flight equipment, such as auto-pilots etc., to be used while this aircraft is in an overweight condition.
15. This aircraft does not comply with the requirements of ICAO ANNEX 8. This special flight permit does not authorize operation over any foreign country. It is the responsibility of the aircraft owner/operator to secure written permission to fly over foreign countries along the route of intended flight. That written permission must be carried aboard the aircraft and made available to the FAA or the Civil Air Authority in the country of operation.

  
FAA Aviation Inspector

SO-FSDO-15  
FSDO

05-13-2011  
DATE

Federal Aviation Administration  
Flight Standards District Office  
5601 Mariner Street, Suite 310  
Tampa, Florida 33609-3416

Special Flight Permit – Operating Limitations

Make: Cessna Registration Number: N613ES  
Model: T182T Serial Number: T18208424

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11. The sequence of use of the ferry fuel tanks shall be as shown by a temporary placard installed in full view of the pilot and ferry tank operation instructions supplied.
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13. The pilot in command will hold a commercial and instrument rating.
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15. This aircraft does not comply with the requirements of ICAO ANNEX 8. This special flight permit does not authorize operation over any foreign country. It is the responsibility of the aircraft owner/operator to secure written permission to fly over foreign countries along the route of intended flight. That written permission must be carried aboard the aircraft and made available to the FAA or the Civil Air Authority in the country of operation.

  
FAA Aviation Inspector

SO-FSPD-15  
FSDO

05-13-2011  
DATE

# WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

CESSNA AIRCRAFT COMPANY  
SINGLE ENGINE DIVISION



| MODEL   | SERIAL & REGISTRATION |        | WEIGHT                            | ARM     | MOMENT  |
|---|-----------------------|--------|-----------------------------------|---------|---------|
| T182T   | T18208424             | N613ES | (lbs)                             | (in)    | (lb-in) |
| (calculated)  | STANDARD EMPTY WEIGHT |        | 2,031.8                           | 36.584  | 74,331  |
| INSTALLED EQUIPMENT                                 |                       |        | Net Change from Standard Aircraft |         |         |
| AFT AVIONICS COOLING FAN                            |                       |        | 1.1                               | 125.500 | 138     |
| AIRSPEED INDICATOR                                  |                       |        | 0.0                               | 0.000   | 0       |
| ALTIMETER WITH 20 FT MARKING, DUAL WINDOW, 35000 FT |                       |        | 0.0                               | 0.000   | 0       |
| ATTITUDE INDICATOR                                  |                       |        | 0.0                               | 0.000   | 0       |
| AVIONICS COOLING FAN                                |                       |        | 0.5                               | 12.600  | 6       |
| BLIND TURN COORDINATOR                              |                       |        | 1.0                               | 15.500  | 16      |
| COMPONENTS REQUIRED FOR INFLATABLE RESTRAINT SYSTEM |                       |        | 0.4                               | 53.800  | 22      |
| EMERGENCY LOCATOR TRANSMITTER INSTL                 |                       |        | 0.0                               | 0.000   | 0       |
| ENGINE, LYCOMING TIO-540 AK1A                       |                       |        | 0.0                               | 0.000   | 0       |
| EQUIPMENT REMOVED FOR NAV III                       |                       |        | -34.4                             | 12.600  | -433    |
| FIRE EXTINGUISHER INSTL                             |                       |        | 0.0                               | 0.000   | 0       |
| G1000 FORWARD EQUIPMENT RACK                        |                       |        | 2.2                               | 14.000  | 31      |
| GDC-74 AIR DATA COMPUTER (ADC)                      |                       |        | 1.7                               | 11.400  | 19      |
| GDU-1040 MFD DISPLAY                                |                       |        | 6.4                               | 15.000  | 96      |
| GDU-1040 PFD DISPLAY                                |                       |        | 6.4                               | 15.000  | 96      |
| GEA-71 ENGINE ANALYZER                              |                       |        | 2.2                               | 11.400  | 25      |
| GIA-63 #1 COM/NAV/GPS COMPUTER                      |                       |        | 5.2                               | 134.000 | 697     |
| GIA-63 #2 COM/NAV/GPS COMPUTER                      |                       |        | 5.2                               | 134.000 | 697     |
| GMA 1347 AUDIO PANEL                                |                       |        | 1.5                               | 14.200  | 21      |
| GMU-44 MAGNETOMETER                                 |                       |        | 0.3                               | 44.000  | 13      |
| GRS-77 ATTITUDE HEADING REFERENCE SYSTEM (AHRS)     |                       |        | 2.5                               | 134.000 | 335     |
| GTX-33 TRANSPONDER                                  |                       |        | 3.1                               | 134.000 | 415     |
| INTERIOR INSTL                                      |                       |        | 0.0                               | 0.000   | 0       |
| KA-92 GPS ANTENNA                                   |                       |        | 0.3                               | 39.000  | 12      |
| KAP 140 DUAL AXIS AUTOPILOT                         |                       |        | 0.0                               | 0.000   | 0       |
| MFD FAN   |                       |        | 0.1                               | 15.200  | 2       |
| NAV III ANTENNA WIRING                              |                       |        | 3.5                               | 44.000  | 154     |
| NAV III AVIONICS WIRING                             |                       |        | 25.7                              | 55.000  | 1,414   |
| OXYGEN BOTTLE INSTALLATION T1828139 AND ON          |                       |        | 0.0                               | 0.000   | 0       |

This list contains all installed optional equipment and avionics. All weights and arms are the installed difference from a standard equipped aircraft. For a detailed list of aircraft equipment weight and balance data, please refer to the comprehensive equipment list in the pilots operating handbook.

|                                |         |        |        |
|--------------------------------|---------|--------|--------|
| <b>BASIC EMPTY WEIGHT</b>      | 2,110.6 | 37.692 | 79,553 |
| <b>USEFUL LOAD</b>             | 999.4   |        |        |
| <b>MAXIMUM RAMP WEIGHT</b>     | 3,110.0 |        |        |
| <b>MAXIMUM TAKE-OFF WEIGHT</b> | 3,100.0 |        |        |

Revised 26 Feb. 2001

Numerical values shown may be rounded from actual values. Therefore, the product of weight times arm may not equal the listed moment.

# WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

CESSNA AIRCRAFT COMPANY  
SINGLE ENGINE DIVISION



| MODEL   | SERIAL & REGISTRATION |        | WEIGHT                            | ARM    | MOMENT  |
|---|-----------------------|--------|-----------------------------------|--------|---------|
| T182T   | T18208424             | N613ES | (lbs)                             | (in)   | (lb-in) |
| (calculated)                                    | STANDARD EMPTY WEIGHT |        | 2,031.8                           | 36.584 | 74,331  |
| INSTALLED EQUIPMENT                             |                       |        | Net Change from Standard Aircraft |        |         |
| PFD FAN   |                       |        | 0.1                               | 13.800 | 1       |
| PROPELLER, MCCAULEY, 3-BLADE, B3D36C442/80VSB-1 |                       |        | 0.0                               | 0.000  | 0       |
| SINGLE VACUUM PUMP                              |                       |        | 3.1                               | -2.200 | -7      |
| STANDBY BATTERY INSTALLATION                    |                       |        | 14.0                              | 10.800 | 151     |
| STC SA01700LA INFLATABLE RESTRAINT SYSTEM       |                       |        | 7.6                               | 57.800 | 439     |
| VINYL/LEATHER SEATS                             |                       |        | 2.0                               | 61.761 | 124     |
| WHEEL FAIRING INSTL                             |                       |        | 16.4                              | 44.500 | 730     |
| WIRING SUPPORT MODULE                           |                       |        | 0.7                               | 12.000 | 8       |

The weight and balance data shown in this report are computed on the basis of Federal Aviation Administration approved procedures for establishing fleet weight averages. [Far 21.327(f)(2)]

Weighed: 6/7/2005  
Printed: 6/28/2005

This list contains all installed optional equipment and avionics. All weights and arms are the installed difference from a standard equipped aircraft. For a detailed list of aircraft equipment weight and balance data, please refer to the comprehensive equipment list in the pilots operating handbook.

|                                |         |        |        |
|--------------------------------|---------|--------|--------|
| <b>BASIC EMPTY WEIGHT</b>      | 2,110.6 | 37.692 | 79,553 |
| <b>USEFUL LOAD</b>             | 999.4   |        |        |
| <b>MAXIMUM RAMP WEIGHT</b>     | 3,110.0 |        |        |
| <b>MAXIMUM TAKE-OFF WEIGHT</b> | 3,100.0 |        |        |

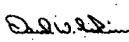
Revised 26 Feb. 2001

Numerical values shown may be rounded from actual values. Therefore, the product of weight times arm may not equal the listed moment.



FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

Form Approved  
O.M.B. No. 2120-0018

|  |  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|--|--|---|---|---|--|--|--|--|---|---------|-------|---|-------------------------------------|--|-------------------------------------|--------|---------|-----------|-----------|----------|---------|-------|---|---|--|--|--|--|--|--|--|--|--|---|---------|--|--|--|--|--|--|--|--|--|---|------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|
|  <p>U.S. Department of Transportation<br/>Federal Aviation Administration</p>  |  | <h2 style="margin: 0;">APPLICATION FOR<br/>U. S. AIRWORTHINESS<br/>CERTIFICATE</h2> |   |   | <p>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.</p> |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| I. AIRCRAFT DESCRIPTION  | 1. REGISTRATION MARK<br><b>N613ES</b>  |   | 2. AIRCRAFT BUILDER'S NAME (Make)<br><b>Cessna Aircraft Company</b>                           |   | 3. AIRCRAFT MODEL DESIGNATION<br><b>T182T</b>  |  | 4. YR MFR<br><b>2005</b>   | FAA CODING<br><b>2072738</b>   |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 5. AIRCRAFT SERIAL NO.<br><b>T18208424</b>   |   | 6. ENGINE BUILDER'S NAME (Make)<br><b>Lycoming Engines</b>                                    |   | 7. ENGINE MODEL DESIGNATION<br><b>TIO-540-AK1A</b>   |  |  | 41533  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 8. NUMBER OF ENGINES<br><b>One</b>   |   | 9. PROPELLER BUILDER'S NAME (Make)<br><b>McCaughey Propeller Systems</b>                      |   | 10. PROPELLER MODEL DESIGNATION<br><b>B3D36C442/80VSB-1</b>  |  | 11. AIRCRAFT IS (Check if applicable)<br>IMPORT  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| APPLICATION IS HEREBY MADE FOR: (Check applicable items)   |  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| <table border="0" style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;">A</td> <td style="width: 5%; text-align: center;">1</td> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 35%;">STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)</td> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 10%;">NORMAL</td> <td style="width: 10%;">UTILITY</td> <td style="width: 10%;">ACROBATIC</td> <td style="width: 10%;">TRANSPORT</td> <td style="width: 10%;">COMMUTER</td> <td style="width: 10%;">BALLOON</td> <td style="width: 10%;">OTHER</td> </tr> <tr> <td style="text-align: center;">B</td> <td colspan="11">SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)</td> </tr> </table> |  |   |   |   |  |  |  |  |   |         | A     | 1 | <input checked="" type="checkbox"/> | STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) | <input checked="" type="checkbox"/> | NORMAL | UTILITY | ACROBATIC | TRANSPORT | COMMUTER | BALLOON | OTHER | B | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items) |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| A  | 1  | <input checked="" type="checkbox"/>   | STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)  | <input checked="" type="checkbox"/>   | NORMAL   | UTILITY  | ACROBATIC  | TRANSPORT  | COMMUTER  | BALLOON | OTHER |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| B  | SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| II. CERTIFICATION REQUESTED  | 7. PRIMARY   |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 8. LIGHT-SPORT (Indicate Class)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 9. LIMITED   |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 5. PROVISIONAL (Indicate class)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 3. RESTRICTED (Indicate operation(s) to be conducted)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 4. EXPERIMENTAL (Indicate operation(s) to be conducted)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 8. SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted, then complete Section VI or VII as applicable on reverse side)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | C 6. MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | <table border="0" style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;">7</td> <td colspan="10">PRIMARY</td> </tr> <tr> <td style="text-align: center;">8</td> <td colspan="10">LIGHT-SPORT (Indicate Class)</td> </tr> <tr> <td style="text-align: center;">9</td> <td colspan="10">LIMITED</td> </tr> <tr> <td style="text-align: center;">5</td> <td colspan="10">PROVISIONAL (Indicate class)</td> </tr> <tr> <td style="text-align: center;">3</td> <td colspan="10">RESTRICTED (Indicate operation(s) to be conducted)</td> </tr> <tr> <td style="text-align: center;">4</td> <td colspan="10">EXPERIMENTAL (Indicate operation(s) to be conducted)</td> </tr> <tr> <td style="text-align: center;">8</td> <td colspan="10">SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted, then complete Section VI or VII as applicable on reverse side)</td> </tr> <tr> <td style="text-align: center;">C</td> <td colspan="10">6. MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)</td> </tr> </table> |   |   |   |  |  |  |  |   |         |       | 7 | PRIMARY                             |  |                                     |        |         |           |           |          |         |       | 8 | LIGHT-SPORT (Indicate Class)                                |  |  |  |  |  |  |  |  |  | 9 | LIMITED |  |  |  |  |  |  |  |  |  | 5 | PROVISIONAL (Indicate class) |  |  |  |  |  |  |  |  |  | 3 | RESTRICTED (Indicate operation(s) to be conducted) |  |  |  |  |  |  |  |  |  | 4 | EXPERIMENTAL (Indicate operation(s) to be conducted) |  |  |  |  |  |  |  |  |  | 8 | SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted, then complete Section VI or VII as applicable on reverse side) |  |  |  |  |  |  |  |  |  | C | 6. MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable) |  |  |  |  |  |  |  |  |  |
|  | 7  | PRIMARY   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 8  | LIGHT-SPORT (Indicate Class)  |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 9  | LIMITED   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 5  | PROVISIONAL (Indicate class)  |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 3  | RESTRICTED (Indicate operation(s) to be conducted)                                  |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | 4  | EXPERIMENTAL (Indicate operation(s) to be conducted)                                |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| 8  | SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted, then complete Section VI or VII as applicable on reverse side)   |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| 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>Cessna Aircraft Company</b>   |   |   |   |  | ADDRESS<br><b>14115 Russ Meyer Blvd., PO Box 1996, Independence, KS 67301</b>  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)  |   |   |   |  | AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | X AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.)<br><b>3A13 - Revision 64</b>   |   |   |   |  | X <b>05-10</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  |  |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| X CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417  |  |   |   |   | TOTAL AIRFRAME HOURS<br><b>5.3</b>   |  |  | EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)<br><b>3</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>08/09/2005</b>   |  |   | NAME AND TITLE (Print or type)<br><b>David W. LaPierre<br/>Director Quality, Independence</b> |   |  |  | Signature<br> |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| IV. INSPECTION AGENCY VERIFICATION   | A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete the section 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 or firm)   |   |   |   |  |  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| DATE   |  |   | TITLE   |   |  |  | SIGNATURE  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| V. FAA REPRESENTATIVE CERTIFICATION  | (Check ALL applicable block items A and B)<br>A. I find that the aircraft described in Section I or IV meets requirements for  |   |   |   |  | X THE CERTIFICATE REQUESTED  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  |  |   |   |   |  | 4. AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE  |  |  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  | B. Inspection for a special permit under Section VII was conducted by:   |   |   |   |  | FAA INSPECTOR  |  |  | FAA DESIGNEE  |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
|  |  |   |   |   |  | CERTIFICATE HOLDER UNDER   |  |  | 14 CFR part 65   14 CFR part 121 or 135   14 CFR part 145 |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |
| DATE<br><b>08/09/2005</b>  |  | DISTRICT OFFICE<br><b>CE-43</b>   |   | DESIGNEE'S SIGNATURE AND NO.<br><br><b>Jimmy D. Hall ODARF100129CE</b> |  |  |  | FAA INSPECTOR'S SIGNATURE  |   |         |       |   |                                     |  |                                     |        |         |           |           |          |         |       |   |   |  |  |  |  |  |  |  |  |  |   |         |  |  |  |  |  |  |  |  |  |   |                              |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |  |

|  |   |   |                   |  |                        |
|--|---|---|-------------------|--|------------------------|
| VI PRODUCTION FLIGHT TESTING   | A MANUFACTURER  |   |                   |  |                        |
|  | NAME  |   | ADDRESS           |  |                        |
|  | B. PRODUCTION BASIS <i>(Check applicable item)</i>                                  |   |                   |  |                        |
|  | PRODUCTION CERTIFICATE <i>(Give production certificate number)</i>                  |   | →                 |  |                        |
|  | TYPE CERTIFICATE ONLY   |   |                   |  |                        |
|  | APPROVED PRODUCTION INSPECTION SYSTEM   |   |                   |  |                        |
| C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS  |   |   |                   |  |                        |
| DATE OF APPLICATION  |   | NAME AND TITLE <i>(Print or type)</i>   |                   | SIGNATURE  |                        |
| VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST  | A. DESCRIPTION OF AIRCRAFT  |   |                   |  |                        |
|  | REGISTERED OWNER  |   | ADDRESS           |  |                        |
|  | BUILDER <i>(Make)</i>   |   | MODEL             |  |                        |
|  | SERIAL NUMBER   |   | REGISTRATION MARK |  |                        |
|  | B. DESCRIPTION OF FLIGHT  |   |                   |  |                        |
|  | FROM  |   | TO                |  |                        |
|  | VIA   |   | DEPARTURE DATE    | DURATION   |                        |
|  | C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT                          |   |                   |  |                        |
|  | PILOT   |   | CO-PILOT          | FLIGHT ENGINEER  | OTHER <i>(Specify)</i> |
|  | D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS: |   |                   |  |                        |
|  |   |   |                   |  |                        |
| E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: <i>(Use attachment if necessary)</i>  |   |   |                   |  |                        |
|  |   |   |                   |  |                        |
| 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 Title 49 of the United States Code 44101 et seq and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described. |   |   |                   |  |                        |
| DATE   |   | NAME AND TITLE <i>(Print or type)</i>   |                   | SIGNATURE  |                        |
| VIII AIRWORTHINESS DOCUMENTATION<br><small>(FAA/DESIGNEE Use only)</small>   | <input checked="" type="checkbox"/>   | A. Operating Limitations and Markings in Compliance with 14 CFR section 91.9, as Applicable |                   | G- Statement of Conformity, FAA Form 8130-9 <i>(Attach when required)</i>  |                        |
|  |   | B. Current Operating Limitations Attached   |                   | H. Foreign Airworthiness Certification for Import Aircraft <i>(Attach when required)</i>                                   |                        |
|  |   | C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>                          |                   | I. Previous Airworthiness Certificate issued in Accordance with 14 CFR Section _____ CAR _____ <i>(Original attached)</i>  |                        |
|  | <input checked="" type="checkbox"/>   | D. Current Weight and Balance Information Available in Aircraft                             |                   | J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section 21.183 (a) per 21.273 <i>(copy attached)</i> |                        |
|  |   | E. Major Repair and Alteration, FAA Form 337 <i>(Attach when required)</i>                  |                   | <input checked="" type="checkbox"/>  |                        |
|  | <input checked="" type="checkbox"/>   | F. This inspection Recorded in Aircraft Records   |                   | K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 <i>(Attach when required)</i>                            |                        |

UNITED STATES OF AMERICA  
 DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

# STANDARD AIRWORTHINESS CERTIFICATE

|   |  |  |                           |
|---|--|--|---------------------------|
| 1. NATIONALITY AND REGISTRATION MARKS<br><br>N613ES | 2. MANUFACTURER AND MODEL<br><br>Cessna Aircraft Company T182T | 3. AIRCRAFT SERIAL NUMBER<br><br>T18208424 | 4. CATEGORY<br><br>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

**DUPLICATE**

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>08/09/2005 | FAA REPRESENTATIVE<br><br><i>Jimmy D. Hall</i><br>Jimmy D. Hall | DESIGNATION NUMBER<br><br>ODARF100129CE |
|------------------------------------|---|---|

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.