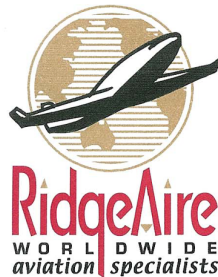


N2162L

2005 Cessna 182T

FAA Form 337s

MSN: 18281662



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



U.S. Department of
Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
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. 1421). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA	Serial No. 18281662	
	Make CESSNA	Model 182T	Series
2. Owner	Name (As shown on registration certificate) EAGLE AVIATION INC		Address (As shown on registration certificate) 2861 AVIATION WAY
			City WEST COLUMBIA State SC Zip 29170-5106 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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

A. Agency's Name and Address Name EAGLE AVIATION INC. Address 2861 AVIATION WAY City WEST COLUMBIA State SC Zip 29170 Country USA	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization <input type="checkbox"/> Manufacturer C. Certificate No. FEHR859D LIMITED AIRFRAME
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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 07/11/2019
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7. Approval for Return to Service

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

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

Certificate or Designation No. FEHR859D	Signature/Date of Authorized Individual 07/11/2019
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NOTICE

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

8. Description of Work Accomplished

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

USA N2162L

07/11/2019

Nationality and Registration Mark

Date

(1) INTRODUCTION:

THIS FORM 337 IS FOR THE INSTALLATION OF THE GARMIN INTERNATIONAL INC. STC #SA01741WI .

(2) DESCRIPTION:

PERFORMED THE INSTALLATION OF THE GARMIN TRANSPONDER GTX345R WITH AUTOMATIC DEPENDANT SURVEILLANCE - BROADCAST (ADS-B) OUT FUNCTIONALITY IN ACCORDANCE WITH FAA APPROVED STC NO. SA01714WI ON THE ABOVE NOTED AIRCRAFT. THE FOLLOWING INFORMATION PROVIDES ADEQUATE GUIDANCE TO DETERMINE THAT THE SYSTEM IS AIRWORTHY.

(3) INSTRUCTION FOR CONTINUED AIRWORTHINESS:

GTX 345R LRU MAINTENANCE IS ON CONDITION ONLY. COMPONENT LEVEL OVERHAUL IS NOT REQUIRED FOR THE GTX 345R WITH ADS-B INSTALLATION. REFER TO THE GARMIN GTX 345R MAINTENANCE MANUAL P/N 190-00734-11 REV 6 OR LATER FOR DETAILS. THERE ARE NO NEW OR ADDITIONAL AIRWORTHINESS LIMITATIONS ASSOCIATED WITH THIS EQUIPMENT AND/OR INSTALLATION.

(4) REMOVAL AND REPLACEMENT:

REPLACEMENT AND / OR SERVICING SHOULD BE MADE ONLY AFTER THE TECHNICIAN TROUBLESHOTS THE SYSTEM BY USING THE GUIDANCE FOUND IN THE GARMIN GTX 345R MAINTNENANCE MANUAL ALONG WITH COMMON AVIONICS MAINTENANCE PRACTICES.

(5) EQUIPMENT:

GARMIN GTX 345R TRANSPONDER INSTALLED P/N 071-00221-0020 S/N 3EH421256. INSTALLED WAAS ANTENNA AT F.S. 124.0 P/N 013-00235-00 S/N 158084 WITH FABRICATED DOUBLER IAW AC43.13-2B APPLICABLE SECTIONS OF CH 3.

(6) DIAGRAMS:

REFER TO THE GARMIN GTX 345R INSTALLATION MANUAL P/N 190-00734-10 REV 12 OR LATER FOR SPECIFIC WIRING DIAGRAM DETAILS.

(7) DATA:

THE INSTALLED ADS-B OUT SYSTEM WAS SHOWN TO MEET THE EQUIPMENT PERFORMANCE REQUIREMENTS OF 14CFR SECTION 91.227.

THE WEIGHT AND BALANCE CHANGE OF THE AIRCRAFT HAS BEEN COMPLIED WITH. THE EQUIPMENT LIST HAS BEEN UPDATED AND LOGBOOK ENTRY HAS BEEN PROVIDED TO THE AIRCRAFT OWNER.

(8) REVISION:

SHOULD A REVISION BE MADE TO THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, A LETTER WILL BE SUBMITTED TO THE LOCAL FSDO WITH A COPY OF THE REVISED FAA FORM 337 AND REVISED ICA.

DETAILED INFORMATION ON THIS ALTERATION IS ON FILE UNDER EAGLE AVIATION WO #95906

.....END.....

Additional Sheets Are Attached