



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark N110BW	Serial No. 1538		
	Make CIRRUS	Model SR	Series 20	
2. Owner	Name (As shown on registration certificate) YOUNG TIGER CONSULTANTS AVIATION LLC		Address (As shown on registration certificate) Address 24 PARK PL	
			City PANAMA CITY BEACH	State FL
			Zip 32413	Country USA

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	CIRRUS	(As described in Item 1 above)	1538
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name TAILWIND AVIONICS		<input type="checkbox"/> U. S. Certified Mechanic	<input type="checkbox"/> Manufacturer
Address 200 AIRPORT ROAD		<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
City BEAUFORT	State NC	<input checked="" type="checkbox"/> Certified Repair Station	38TR208C
Zip 28516	Country USA	<input type="checkbox"/> Certified Maintenance Organization	


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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  1/17/20
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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	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	Inspection Authorization	

Certificate or Designation No. 38TR208	Signature/Date of Authorized Individual  1/17/20
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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.)

N110BW

01/17/2020

Nationality and Registration Mark

Date

REMOVED GARMIN GTX 327 TRANSPONDER

INSTALLED AND TESTED APPAREO STRATUS ESG ADS-B COMPLIANT TRANSPONDER AND L1/L2 GPS ANTENNA IN ACCORDANCE WITH STRATUS INSTALLATION INSTRUCTIONS, DOCUMENT No. 600840-000032, REVISION 1.4 DATED JUNE 22, 2016 AND FAA POLICY NOTICE No. N8900.362.

THIS INSTALLATION IS A FOLLOW ON TO STC No. SA04112CH. THE INSTALLED ADS-B OUT SYSTEM WAS SHOWN TO MEET THE EQUIPMENT PERFORMANCE REQUIREMENTS OF 14 CFR PART 91.227.

WEIGHT AND BALANCE DATA, EQUIPMENT LIST AND AIRFRAME LOGS UPDATED TO REFLECT THIS CHANGE THIS DATE. PERFORMED AN ELECTRICAL ANALYSIS AND FOUND TOTAL LOAD DOES NOT EXCEED 80% OF RATED CAPACITY.

INSERTED FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT, APPAREO DOCUMENT No. 606586-000075, REVISION 1.6 DATED JULY 7, 2016 IN THE PILOT'S OPERATING HANDBOOK.

REFERENCE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, APPAREO DOCUMENT No. 600845-000025, REVISION 1.2 DATED JUNE 22, 2016.

☐ Additional Sheets Are Attached