

N52878

Spar Carry Thru
Inspection Results

YEAR 2023 DATE	RECORDING TACH TIME 5257.8	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries)
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N52878

Cessna 177RG

Tach and TTIS: 5357.8

05/22/2023

S/N 177RG1297

Inspected aircraft using the Cessna Service Manual checklist as a guide. Lubed all pulleys and bellcranks. Control surface travels and tensions checked. ELT checked for corrosion, "G" switch function and signal strength. ELT battery due JAN 2025. Cleaned, inspected and greased all wheel bearings. Induction air filter element serviced. Fuel strainer bowl removed, cleaned, inspected and reinstalled using new o-rings P/N MS29513-138 and MS29513-111. Performed Lift Reserve Indicator ICA inspection with no defects noted. Replaced smoking rivets on upper cowl with screws and nuts. Installed CIES fuel quantity transmitters in accordance with STC #SA02825NY. Transmitter wiring accomplished using AC 43.13 as a guide. Wiring schematic created and located with STC documentation. Aerospace Logic indicator was installed in accordance with STC #SA02511SE and located on R/H instrument panel. Wiring accomplished using AC43.13 as a guide with schematic created and located with STC documentation. Owner/operator replaced cabin door vent window weatherstrip. Checked powerpack for hydraulic fluid level. Replaced bolt, AN174-26A, on main gear actuator brace. Landing gear retraction and emergency test performed satisfactorily. Replaced alternator brushes with new. Complied with the following A.D.s: 72-03-03R3 by inspection and lube; 2011-10-09 seat rails/roller bracket by inspection and measurement; 76-07-12 R1 ignition switch by meter check. A.D. 23-02-17 Spar Carry Thru structure by visual inspection using 10X magnifying glass and eddy current inspection. Work performed in accordance with A.D. and SEL-57-09R1. Report supplied to owner and Cessna. A.D. biweeklies checked thru this date.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Darrell R. Noble
Darrell R. Noble IA3513071

Single
Engine

ATTACHMENT

Beechcraft



Lawler

TEXTRON AVIATION

MANDATORY

SEL-57-09

CARRY-THRU SPAR INSPECTION REPORT	
To:	Page: 1 of <u>3</u> Pages
Wichita Citation Service Center	Includes this cover sheet
Attn: Textron Aviation Team Structures	
2121 S. Hoover Rd	Registration No.: <u>N52878</u>
Wichita, Kansas 67209	Total Time in Service (Hrs.): <u>5257.8</u>
Phone Number: 316-517-6061	
email: structures@txtav.com	Facility Name: <u>Sierra Vista Aviation</u>
	Facility Address: <u>4535 Via Viento</u>
From: <u>Sierra Vista Aviation</u>	<u>Sierra Vista, AZ 85635</u>
Date: <u>05/26/2023</u>	
Airplane Serial Number: <u>177RG1297</u>	
Owner's Name: <u>Angelo Petropolis</u>	Phone Number of Facility: <u>520.227.1759</u>
Owner's Address: <u>2032 Town & Country Dr</u>	Fax Number of Facility: <u>None</u>
<u>Sierra Vista, AZ 85635</u>	
Owner's Phone Number:	
Owner's Fax Number: <u>—</u>	
Please provide detailed and dimensioned descriptions of any crack(s) or corrosion. Attach pictures to this form as necessary.	
Comments/Notes:	Cracks: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
<u>Eddy Current report attached.</u>	Corrosion: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
<u>Form 8130-3 attached</u>	Airplane Operation:
	Severe: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
	Typical: <input checked="" type="radio"/> Yes <input type="radio"/> No (Circle One)
	Unknown: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
Any previously known or recorded blending or material removal on the carry-thru spar? Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)	
List any Structural Supplemental Type Certificates (STC's) Installed:	
<u>None</u>	



5102 S. Country Club Rd. Tucson, AZ 85706
www.warnerpropeller.com

FAA CRS # W59R659N
(520) 294-5671

WORK ORDER #

16382

WORK ORDER

CUSTOMER/ AIRCRAFT INFORMATION

CUSTOMER

Name Sierra Vista Aviation

Address 4535 Via Viento

City/State/Zip Sierra Vista, AZ 85635

Contact person Darrell Noble

Phone 520-227-1759

AIRCRAFT

Aircraft model Cessna 177RG

Aircraft serial 1297

Engine model IO-360-A1B6D

Registration N52878

Date received 08 MAY 2023

COMPONENT INFORMATION

Component(s) Carry-thru spar

Model(s)/Part(s) Not reported

Serial(s) Not reported

Reason for repair Eddy current inspection required.

Work to be performed Eddy current inspect per SL.

Manufacturer Cessna

TTSN 5,257.8

TTSO N/A

MAINTENANCE INFORMATION

Inspection results

OK. No indications noted.

Additional work required None.

Parts installed None.

Work performed Eddy current inspected carry-thru spar per SL SEL-57-09R1.

S/B,S/L,A/D compliances SL SEL-57-09R1.

Maintenance release issued

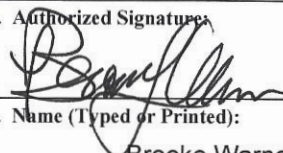
8130-3

Number 41464

Date 09 MAY 2023

Attachments to this work order

MM22,8130-3.

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 41464	
4. Organization Name and Address:		Warner Propeller & Governor Co., L.L.C. 5102 S. Country Club Rd. Tucson, AZ 85706 FAA CRS W59R659N				5. Work Order/Contract/Invoice Number: 16382	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	Carry-thru spar	None Reported	1	NSN	Inspected		
12. Remarks: <p>Eddy current inspected carry-thru spar per SL SEL-57-09R1. No indications noted. Cessna 177RG, N52878, SN 1297, Aircraft TT = 5,257.8</p>							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: W59R659N	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Brooke Warner		14e. Date (dd/mm/yyyy): 09 MAY 2023	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							