

RAM AIRCRAFT
The Engine Specialist
FOR CESSNA, BEECHCRAFT, & CIRRIUS AIRCRAFT



PROPELLER MAINTENANCE RECORDS

Aircraft Registration N1551T
Propeller Position Right
Propeller Serial No. EB8403B

7505 Karl May Dr. | P.O. Box 5219 | Waco Regional Airport | Waco, TX 76708 | Phone: (254) 752-8381 | Fax: (254) 752-3307 | www.ramaircraft.com



PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N1551T

Propeller Manufacturer Hartzell

Hub Model PHC-C3YF-2UF

Blade Design No. FC7693DFB

Hub Serial No. EB8403B

Blade Serial No's.

1. M00498
2. M00501
3. M00502
4. _____

Pitch Range:

High 18.0 Low 13.0

Feather 81.1 Reverse N/A

Governor Manufacturer McCauley

Model No. D20741-1

Serial No. 180024

Date installed on aircraft 12.18.19

Time Between Overhauls (TBO) 2400 Hours

If used on multi-engine aircraft:

- | | |
|---|---|
| <input type="checkbox"/> Left | <input checked="" type="checkbox"/> Right |
| <input checked="" type="checkbox"/> Front | <input type="checkbox"/> Rear |

(All applicable information must be filled in)

Waco Regional Airport
7505 Karl May Drive • P.O. Box 5219 • Waco, Texas 76708
Phone: (254) 752-8381 Fax: 254-752-3307
www.ramaircraft.com

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date	Airframe Total Time	Total Time Since Overhaul	Recording Meter Time
12/18/19	7022.3	0.0	397.4

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Hartzell Propeller PHC-C3YC-2UF/FC7693DFB

This propeller S/N EB8403B installed in the right position on Cessna S/N 414-0272 with 0.0 hours since factory new. Installed new prop governor S/N 180026. Pertinent details on file under Project No. 9243.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
12/27/19	2.0		399.4

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Hartzell Propeller PHC-C3YF-2UF/FC7693DFB

This propeller S/N EB8403B lubricated in accordance with HARTZELL Manual No. 115N, Section 6, Chapter 2. Paragraph A. (3). Pertinent details on file under Project No. 9243.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SO#	20-0056	Elevate Air Services.				DATE	6/NOV/2020
REG.	N1557T	Crete Municipal Airport [CEK]				TACH	
MAKE	Hartzell	MODEL	PHC-J3YF-2UF	SERIAL NO.	EB8403B	HOUR	556.4
	Propeller	PTT	556.4	PTSOH			

Maintenance Record Propeller

1. Complied with Annual Inspection/100 Hour referencing the Cessna 414 Service Manual Section 2A and the scope and detail of Title 14 CFR Part 43 Appendix (d). Performed engine/propeller ground run/leak check with no discrepancies noted at this time.
2. Test ran engine to check for leaks and vibration, and found no leaks and vibration was in limits.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual/100 Hour inspection as per Title 14 CFR part 91.409 (a)(1) and was determined to be in an airworthy condition.
Dated November 6, 2020 Shop Order 20-0056

Signed Shaun Krzycki
Shaun Krzycki
A&P 3624942

Signed James Dux
James Dux
A&P 28158851A

Oil Re

Mineral Oil
Break-in procedure
Normal operation

Ashless Oil

Ashless Oil
There are two types of ashless oil: one is a mineral oil with a detergent additive that keeps the engine clean and the other is a synthetic oil that is designed to be used in engines that have been overhauled. Both types of ashless oil are recommended for use in engines that have been overhauled.

Break-in

The use of low viscosity oil during the break-in period is recommended. The use of oil with a high level of detergency is also recommended. The use of oil with a high level of oxidation stability is also recommended. The use of oil with a high level of thermal stability is also recommended.

Single Vis

RAM recommends the use of Shell W10C level engine oil in cold weather and, if recommended. (If indicate the oil performs better than and semi-synthetic oils.)

SO#	21-0077	Elevate Air Services.				DATE	22/NOV/2021
REG.	N1557T	Crete Municipal Airport [CEK]				TACH	
MAKE	Hartzell	MODEL	PHC-J3YF-2UF	SERIAL NO.	EB8403B	HOUR	718.5
	Propeller	PTT	718.5	PTSOH	718.5		

Maintenance Record Propeller

1. Complied with Annual Inspection/100 Hour referencing the Cessna 414 Service Manual Section 2A and the scope and detail of Title 14 CFR Part 43 Appendix (d). Performed engine/propeller ground run/leak check with no discrepancies noted at this time.
2. Dressed propeller to remove knicks.
3. Test ran engine to check for leaks and vibration, and found no leaks and vibration was in limits.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual/100 Hour inspection as per Title 14 CFR part 91.409 (g)(1) and was determined to be in an airworthy condition.
Dated: November 22, 2021 Shop Order: 21-0077

Signed 

Shaun Krzycki
A&P 3624942

Signed 

James Dux
A&P 28158851A

N: 1557T

Make: Cessna
Propeller M/N: PHC-C3YF-2UF

Model: 402B-414

Serial: 402B0546

Prop S/N: EB8403B

Prop TSN: 412.7

AC Hobbs: 799.0

Prop TSO: NA

Flushed propeller due to engine failure. Repaired per Hartzell manuals 115N rev 25, 117D rev 20, 159 rev 80, 202A v1 rev 61, v6 rev 36, and v11 rev 37. Serviced dome with Nitrogen.

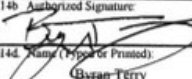
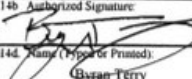
The above-described maintenance was performed in accordance with current Federal Aviation Regulations and is approved for return to service. Details to be found in International Propeller Service LLC. Work Order # IPS1855

Dated: June 13, 2022

Signed 

Scott Lau

For International Propeller Service CRS 9IPR665C
4630 Hartley #3 Lincoln Nebraska 68504
Phone: 402-858-6346 Fax: 402-817-4360

1. Approving Civil Aviation Authority/Country United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 22-51291	
4. Organization Name and Address: Rocky Mountain Propellers, Inc. 2865 Airport Drive Erie, Colorado 80516				5. Work Order/Contract/Invoice Number: 22-51291		
6. Item:	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work:	
1	McCauley Governor	DCF5290D9F/T3	1	180026	Overhauled	
12. Remarks:						TSN TSO unk 0.00
Overhauled governor in reference to McCauley Service Manual #780401, Rev 8., and other supporting documents. Complied with Service Letters thru 2014-17, Service Bulletins thru ASB273C, and AD's thru 2020-19-06. Next Overhaul Due: 2000 hours, or 60 calendar months, whichever occurs first.						
A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. Notice: An Airworthiness Directive may apply to the article(s) described herein. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives. *Certifies that the work specified in block 11/12 was carried out in accordance with FAR Part-145 and EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Approval Number: EASA 145 4827*						
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12			
<input type="checkbox"/> Approved design data and are in a condition for safe operation.			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.			
<input type="checkbox"/> Non-approved design data specified in Block 12						
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
						FR6R545N
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Bryan Terry		21 Jul 2022
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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. 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.						

FAA Form 8130-3 (02-14)

NSN 0052-00-012-9005

TOTALS—Carry forward to next page

