



PROPELLER MAINTENANCE RECORDS

Aircraft Registration N414PH

Propeller Position Left

Propeller Serial No. EB7541B



PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N414PH

Propeller Manufacturer Hartzel

Hub Model PHC-C34F-24F

Blade Design No. FC7693DFB

Hub Serial No. EB7541B

Blade Serial No's.

1. L25134
2. L25138
3. L25137
4. _____

Pitch Range:

High 18.0 Low 13.0

Feather 81.1 Reverse _____

Governor Manufacturer McCauley

Model No. DCF5290D9D/R3

Serial No. 000146

Date installed on aircraft 3/1/13

Time Between Overhauls (TBO) 2400 Hours

If used on multi-engine aircraft:

- | | |
|--|--------------------------------|
| ☒ Left | ☐ Right |
| ☐ Front | ☐ Rear |

(All applicable information must be filled in)

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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RAM Aircraft, Limited Partnership • Waco Regional Airport

Date	Total Time In Service	Recording Meter Time
3-1-13	0.0	5098.5

Hartzell PHC-C3YF-2UF/FC7693DFB

This propeller S/N EB7541B installed in the left position on Cessna S/N 414A0421 with 0.0 hours since factory new. Installed overhauled prop governor S/N 000146. Pertinent details on file under Project No. 6607.

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



AIRCRAFT INSPECTION & REPAIR

709 Warehouse Dr. Laurel MS 39440

Phone: 601-270-5507

DATE: 04-02-14

PROP
N414PH

TACH: 5161.5
TSNEW: 37.1

Performed annual inspection I/A/W Cessna 414, and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.

David Sanford IA 3032129

David Sanford IA 3032129

AIRCRAFT INSPECTION & REPAIR

709 Warehouse Dr. Laurel MS 39440

Phone: 601-270-5507

DATE: 03-20-15

PROP
N414PH

TACH: 5246.0
TSNEW: 121.6

Performed annual inspection I/A/W Cessna 414, and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.

David Sanford IA 3032129

AIRCRAFT INSPECTION & REPAIR

709 Warehouse Dr. Laurel MS 39440

Phone: 601-270-5507

DATE: 03-14-16

PROP
N414PH

TACH: 5279.7
TSNEW: 155.3

Performed annual inspection I/A/W Cessna 414, and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.

David Sanford IA 3032129

David Sanford IA 3032129

AIRCRAFT INSPECTION & REPAIR

709 Warehouse Dr. Laurel MS 39440

Phone: 601-270-5507

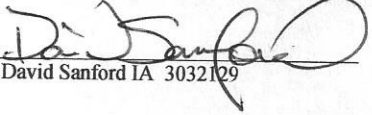
DATE: 05-19-17

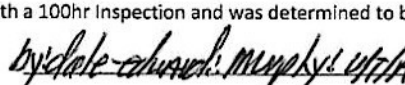
PROP
N414PH

TACH: 5334.0
TSNEW: 209.6

Performed annual inspection I/A/W Cessna 414, and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.

David Sanford IA 3032129

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				 AIRCRAFT INSPECTION & REPAIR 709 Warehouse Dr. Laurel MS 39440 Phone: 601-270-5507 DATE: 08-07-18 N414PH PROP TACH: 5400.1 TSNEW: 275.7 Performed annual inspection I/A/W Cessna 414. and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.  David Sanford IA 3032129
				 AIRCRAFT INSPECTION & REPAIR 709 Warehouse Dr. Laurel MS 39440 Phone: 601-270-5507 DATE: 09-02-2019 N414PH PROP TACH: 5441.2 TSNEW: 316.8 Performed annual inspection I/A/W Cessna 414. and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.  David Sanford IA 3032129
				 AIRCRAFT INSPECTION & REPAIR 709 Warehouse Dr. Laurel MS 39440 Phone: 601-270-5507 DATE: 10-13-2020 N414PH PROP TACH: 5485.4 TSNEW: 361.0 Performed annual inspection I/A/W Cessna 414. and FAR 43appendix D. See AD listing for AD compliance. I certify this propeller has been inspected I/A/W an annual inspect and was determined to be in airworthy condition.  David Sanford IA 3032129
				SUB-TOTAL TOTAL

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				
KRUQ- Rowan County Airport 3680 Airport Loop Rd Salisbury, NC 28147 (704) 310-1421				
Make: Hartzell Reg: N414PH Date: 12/20/2021 Model: PHC-C3YF-2UF SN:EB7541B Aircraft Total Time: 5593.4 Hobbs: 5593.4 PTTSN: 494.9 Left Propeller: Performed 100 inspection on this propeller. Dressed leading edge of blades for corrosion. Visual inspected blades and hub, no defects or damage were noted. Work with reference to Cessna Model 414/414A Service Manual, Hartzell Information Manual and AC 20-37E Aircraft Propeller Maintenance.				
I certify this Propeller has been inspected in accordance with a 100hr Inspection and was determined to be in airworthy condition.				
 AP227863044IA				

wo: 5951

Propeller L - page 1 of 1



Classic Aviation - 69 Aviation Circle - Weyers Cave, VA 24486 - (540)234-0226

N414PH
 ACTT: 6648.6
 LH PROP SMOH: 688.1
 RH PROP SMOH: 688.1

 Heater Hobbs: 1589.0
 LH PROP TT: 688.1
 RH PROP TT: 688.1

 LH ENG SMOH: 688.1
 RH ENG SMOH: 688.1
 TACH: 5786.6

March 08, 2023
 LH ENG TT: 6419.1
 RH ENG TT: 5460.4
LH PROPELLER:

Performed Inspection with reference to the Cessna 414A Inspection Checklist to include the scope and detail of 14 CFR Part 43 Appendix D. Inspected spinner, spinner bulkhead, blades, nuts for proper torque, hub for cracks or evidence of oil leakage. Inspected governor and control, anti-ice electrical wiring, anti-ice brushes and slip ring, and performed a functional test of the propeller anti-ice system. No defects discovered. Dressed LH propeller blades.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

The above work was accomplished in reference to applicable maintenance manuals and other approved or acceptable data as appropriate. I certify that this Propeller has been inspected as part of an Annual Inspection Checklist, was found to be in airworthy condition, and is released for return to service.

Josh Lucas A&P IA 3534518

wo: 6474

Propeller L - page 1 of 1



Classic Aviation - 69 Aviation Circle - Weyers Cave, VA 24486 - (540)234-0226

N414PH
 AFTT: 6940.5
 LH ENG TT: 6711.0
 TACH: 6078.5

 Heater Hobbs: 1688.2
 LH PROP TT: 980.0

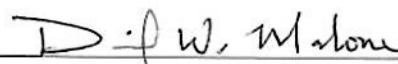
 LH ENG SMOH: 980.0
 RH ENG SMOH: 980.0

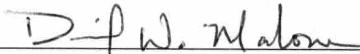
April 01, 2024
 LH ENG TT: 6711.0
 RH PROP TT: 980.0
1. LEFT PROPELLER:

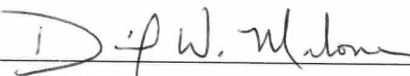
Serviced propeller with AeroShell #6 grease and charged it to 40 PSI at 60°F. Operational check of propeller de-ice system satisfactory. Inspected propeller de-ice brushes and brush block. Shimmed the outboard side of the brush block, adjusted for proper contact with de-ice slip ring, and safety wired in place. Applied edge sealant as needed to edges of Propeller De-ice Boots. Post maintenance run-up and leak check satisfactory.

The above work was accomplished in reference to applicable maintenance manuals and other approved or acceptable data as appropriate. I certify that this Propeller has been inspected in reference to a an Annual Inspection Checklist, including the scope and detail of 14 CFR Part 43 Appendix D., was found to be in airworthy condition, and is released for return to service.

David Malone A&P IA 3879748



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				wo: 6892 Propeller L · page 1 of 1  CLASSIC AVIATION Classic Aviation · 69 Aviation Circle · Weyers Cave, VA 24486 · (540)234-0226 N414PH January 02, 2025 AFTT: 7153.4 LEFT TACH: 6291.4 LH PROP SMOH: 1192.9 LEFT PROPELLER: Removed LH Propeller Governor P/N DCFS290D9D/T3, S/N 000147 and installed it on the RH engine with a new gasket P/N MS9144-01. Checked governor arm travel and rigged for proper cushion. Installed an overhauled LH Propeller Governor P/N DCFS290D9/T3, S/N 810246 from West Coast Governor Service W/O 2213 with provided gasket P/N MS9144-01. Checked governor arm travel and rigged for proper cushion. Post maintenance run up and leak check satisfactory. The above work was accomplished in reference to applicable maintenance manuals and other approved or acceptable data as appropriate. I certify that this Propeller is airworthy with respect to the work performed and is released for return to service. David Malone A&P IA 3879748 

				wo: 6903 Propeller L · page 1 of 1  CLASSIC AVIATION Classic Aviation · 69 Aviation Circle · Weyers Cave, VA 24486 · (540)234-0226 N414PH January 16, 2025 LEFT TACH: 6294.6 LEFT PROPELLER: Removed LH Propeller Governor M/N DCFS290D9F/T3, S/N 810246 and installed an overhauled Propeller Governor M/N DCFS290D9F/T3, S/N 070221 from West Coast Governor Service, W/O 2213. Adjusted LH High RPM Stop to 2650 RPM to prevent an overspeed condition and in order to sync with RH Propeller Governor. Adjusted feather envelope. Rigged Governor controls for proper travel, cushion, and control lever position. Post maintenance run-up and leak check satisfactory. The above work was accomplished in reference to applicable maintenance manuals and other approved or acceptable data as appropriate. I certify that this Propeller is airworthy with respect to the work performed and is released for return to service. David Malone A&P IA 3879748 
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 ACE <i>Flight Solutions</i>	ACE Flight Solutions 95 Aviation Way Fredericksburg VA 22406
Prop L Aircraft Registration: N414PH Aircraft Make & Model: Cessna 414A A/C S/N: 414A0421 Prop Make/Model: PHC-C3YF-24F S/N: EB7541B Hobbs: 6299.9 • Removed spinner and inspected prop blades, boots, attach fittings, and electrical connections and hubs. • Reinstalled spinner. • AD search completed through 2/20/2026. No ADs applicable at this time. • This prop has been inspected per the requirements of an annual inspection, referencing FAR 43 App. D and has been found to be in an airworthy condition at this time. • All work performed Ref. Cessna MM, Ref. AC 43.13, Ref. Continental MM, Ref. MT MM Signed:  Date: 2/18/2026 Name (Printed): Paul Wilkinson A&P/IA License Number: 2650852	