



PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. ~~N2743K~~ N3YA

Propeller Manufacturer McCauley

Hub Model 3AF32C515

Blade Design No. G-82NLA-4

Hub Serial No. 051416

Blade Serial No's.

1. ZF26311
2. ZF26325
3. ZF26328
4. -

Pitch Range:

High 17.4 Low 14.0

Feather 82.2 Reverse -

Governor Manufacturer McCauley

Model No. DCS290D9-K173

Serial No. 040316

Date installed on aircraft 4-13-06

Time Between Overhauls (TBO) 2,000 Hours

If used on multi-engine aircraft:

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

(All applicable information must be filled in)

Airframe Total Time: 3526.8Hour Meter: 3741.9Date: 04/13/06McCauley 3AF32C515/82NLA-4.0

This propeller S/N 051416 installed in the right position on Cessna S/N 414A0810 with 0.0 hours since factory new. Installed new prop governor S/N 040316. Pertinent details on the above installations are on file at this repair station under project no. 2498.

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

5-3-06

3.0

00.0

I certify that this propeller has been inspected in accordance with a 100 hr inspection, and was found to be in an airworthy condition.

Robert Campbell #45296448

6-20-07

129.2

126.2

I certify that this propeller has been inspected in accordance with a 100 hr inspection and was found to be in an airworthy condition.

Robert Campbell #45296448

US Aviation Group, LLC U.S. Aircraft Maintenance 4790 John Carrell Denton, TX 76207
LOG ID# 2079 23-December-2008 WO# 1826 AC TT 3936.7 HOBBS 191.8
N2743K S/N 414A0810 CESSNA 414A TSNEW 129.2

Pg 1 / 1

COMPLETED 100/ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

Jeremy Ward
3240622IA JEREMY WARD

Date

12-23-08

**AAR AIRCRAFT
SERVICES®
OKLAHOMA**

Date 8-3-09
A/C Model Cessna 414A A/C N# 2743K A/C S/N 44A810
A/C Total Time 210.1 Prop Model 3AF32C515 Prop S/N 051416
hobbs
Dynamically balanced RB LH propeller with the DSS Microvib Aircraft Analyzer
Model 1001 I/A/W SPM 100
Initial Vibration Level : .245 I.P.S. ; Final Vibration Level : .085 I.P.S.

Weight Location (s) and amount (s) 24 grams @ 230°
Information on file under AAR Work Order # 1005230

Signed [Signature] 827W AAR D-102
AAR Aircraft Services Oklahoma C.R.S. JR2R936K

Will Rogers World Airport
6611 South Meridian • Oklahoma City, Oklahoma 73159

Turbine Aircraft Services, LLC.

MODEL: 414A
NNBR: 747MG

RIGHT PROPELLER LOG ENTRY
MODEL: 3AF32C515 S/N: 051416

PAGE: 1 of 1
DATE: 2-4-2010

AFTT: 3860.4
HM: 330.6
TSN: 333.6

INSPECTION ITEMS

- Completed a 100 Hour Inspection Using FAR Part 43 Appendix (D) Inspection Guidelines.

MISCELLANEOUS MAINTENANCE AND REPAIRS

- Completed Minor Blending Of Blade Leading Edges.

I Certify That This Propeller Has Been Inspected In Accordance With A 100 Hour Inspection And Was Determined To Be In Airworthy Condition For Return To Service At This Time, Reference To Work Order #10-5957 Dated 2-4-2010.

SIGNED: [Signature]

FOR: Michael E. Harbison
Turbine Aircraft Services, LLC.
5831 Tulakes Ave. Hangar 16, Wiley Post Airport
Bethany, OK 73008

A 6 P 33983561A

Page No. _____

PROP MODEL (R):
3AF32C515
PROP S/N (R): 051416
REG. NO: N747MG
WORK ORDER: 50123

Turbine Aircraft Services LLC

5831 Tulakes Ave, Hangar 16
Bethany, Oklahoma 73008

DATE: 2/17/2011
A/C TSN: 40511
PROP TT (R): 525
HOBBS: 522.1

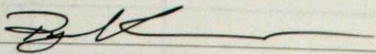
RMING WORK

Right Prop Entries

(5) Completed a 100 hour Propeller inspection, utilizing 14 CFR 43 Appendix (D) in scope and detail to inspect this Propeller.
(59) Blended right propeller blades.

The Aircraft and/or component(s) items identified above were repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 2/17/2011

SIGNED: 

Ryan Morphey, License: 0031090291A

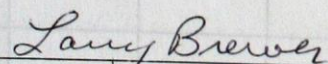
Work Order: 50123

Printed by EBis 3 (datcomedia.com)

1 of 1

November 15th, 2011. McCauley Propeller Model 3AF32C-515, S/N 051416. This Propeller is installed in the Right position of Cessna 414A, N747MG. Hr meter 588.4 prop TT 591.4 hrs. Inspected propeller and spinner installation. Tested de-ice boots for operation. All found satisfactory. Checked all AD's see attached list.

I Certify That This Propeller Has Been Inspected In Accordance With A 100 Hr Inspection And Has Been Determined To Be In Airworthy Condition And Is Approved For Return To Service.


Larry Brewer A&P 3442166

TOTALS brought forward from previous page

Cessna Aircraft Company N747MG Model: 414A, S/N.:414A0810 TT:4203:2hrs Hobbs:673
Installed Engine: RH TSIO-520-NB, S/N: 290590-R TSN:2365:4 TSO: 676:4
Installed Propeller: McCauley. Type No. PHC-C3YF/FC7693DF, S/N: EB7536B TSN: 0:0h

ROUTINE MAINTENANCE:

Removed existing LH McCauley Propeller, Model 3AF32C-515, LH S/N: 051416 and installed U.S. FAA STC'd Number SA09971SC-D Propeller Kit-SCIMITAR PLUS, with Hartzell Propeller Model PHC-C3YF/FC769DF. RH S/N: EB7536B; Performed R/U, operation found normal with no external leaks. FAA Form 337 executed.

WORK PERFORMED I. A. W. 14CFR PART 43.3 (d) UNDER DIRECT SUPERVISION:

By FSB Aircraft Maintenance GmbH Kyritz. Details of this inspection are on file with under W/O 73/12.

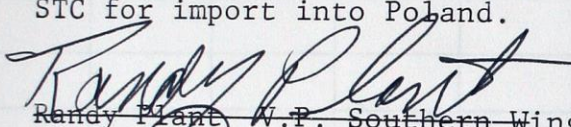
MAINTENANCE RELEASE:

I certify that the work was accomplished in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed the propeller is approved for return to service. The next 100h inspection due at TAT 4303h, TSO:776:4h
Next Annual Inspect. Is due May. 2013

Jochen K. E. Albrecht
A&P 1753749 IA

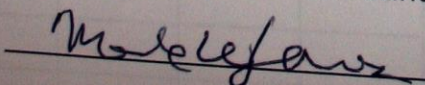
May 02. 2012

May 2nd, 2012. McCauley propeller S/N 051416. Prop was removed from Cessna 414A-0810, N747MG, by FSB Aircraft Maint. Hr Meter 673, prop hrs. since New 676 hrs. Removed for installation of Hartzell Scimitar props, due to McCauley prop not listed on STC for import into Poland.


Randy Plant W.P. Southern Wings Aircraft Sales Ltd.

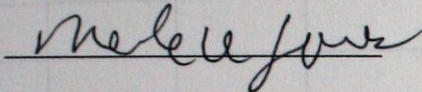
July 10th, 2015. McCauley Propeller S/N 051416. Inspected this propeller after installation on Cessna 414, N3VA, by D&B Aircraft Engines. Aircraft hr meter 1920.7, prop time since New, 676 hrs. Dressed minor nicks and repainted prop with Poline prop paint. Checked all AD's, see attached list.

I Certify That This Propeller Has Been Inspected In Accordance With A 100 Hr Inspection And has Been Found To Be In Airworthy Condition.


Merle W. Jones A&P 1415989

November 1st, 2015. McCauley Propeller S/N 051416. RH Cessna 414, N3VA, HM 1925.4. Time Since New 680.4 hrs. Inspected prop and spinner, found satisfactory. Checked all AD's see attached list.

I Certify That This Propeller Has Been Inspected In Accordance With A 100 Hr Inspection And Has Been Found To Be In Airworthy Condition.



Merle W. Jones A&P1451989



Repair Station #: W6NR985J

January 06, 2017

Manufacturer: McCauley
Part/Model number: PHC-CY3/FC7693DF
Work Order No: PST6708

TSN/TSO: 847.00 / N/A
Serial Number: 051416
Date: 01/06/2017

CSN/CSO: N/A / N/A

Squawk
1.1

CW ANNUAL INSPECTION USING CESSNA 414 INSPECTION FORM OUTLINED IN SECTION 2 AS A GUIDELINE.

CW COMPRESSION CHECK WITH RESULTS AS FOLLOWS-

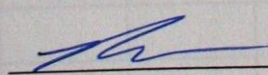
LEFT ENGINE - #1 - 71/80 #2 - 74/80 #3 - 76/80 #4 - 75/80 #5 - 74/80 #6 - 75/80

RIGHT ENGINE - #1 - 75/80 #2 - 77/80 #3 - 75/80 #4 - 77/80 #5 - 76/80 #6 - 78/80

AD'S CHECKED THRU 2016-26

All Work Performed I.A.W. Cessna 414 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST6708.


Signature

For Winner Aviation Repair Station #W6NR985J



Repair Station #: W6NR985J

February 09, 2018

Manufacturer: McCauley
Part/Model number:
Work Order No: PST7259

TSN/TSO: 964.60 / N/A
Serial Number: 051416
Date: 02/09/2018

CSN/CSO: N/A / N/A

Squawk
1.1

CW ANNUAL INSPECTION USING CESSNA 414 INSPECTION FORM OUTLINED IN SECTION 2 AS A GUIDELINE, CW COMPRESSION CHECKS LEFT AND RIGHT ENGINES WITH SATISFACTORY RESULTS. AD'S CHECKED THRU 2018-03.

All Work Performed I.A.W. Cessna 414 Appropriate Data.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at the repair station under Work Order Number PST7259.

Signature

For Winner Aviation Repair Station #W6NR985J



DATE: 02 APR 2019

REG#: N3VA

RH PROP SN: 051416

AC HOBBS: 2421.6

PROP TSO: 1176.6

Clean and inspected propeller. No defects noted at this time. Replaced RH Prop Governor with overhauled governor from QAA Inc PN: DCFS290D9A/T3 SN: 960261 WO#049440. This propeller has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.

Signature: [Signature]

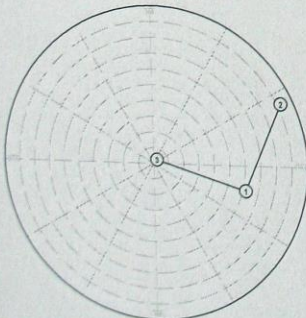
Certificate: AP3006614274

Date: 02 APR 2019

RIGHT PROPELLER DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----

Operator Comments



N3VA C-414 0.0 Hrs

MicroVib II SN:3303 Cal:01/08/2019

Initial: 0.620 IN/S @ 2325.1 RPM Final: 0.034 IN/S @ 2328.1 RPM

Oper: [Signature] 3267378

Date: 11/05/2019

Mark

next page

AIR TRAVEL MANAGEMENT LLC

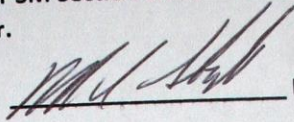
890 Airport Road
Lemont Furnace PA 15456

Right Prop Log Entry

McCauley PHC-CY3/FC7693DF S/N 051416

02/06/2020 HOBBS 2483.9 TSMOH 1238.9

1. Removed Right Prop IAW Piper SM Section 10-4.
2. Routed Prop to shop for repair.



Mark Shipley 3267378AP

AIR TRAVEL MANAGEMENT LLC

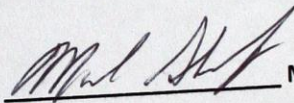
890 Airport Road
Lemont Furnace PA 15456

Right Prop Log Entry

McCauley PHC-CY3/FC7693DF S/N 051416

02/26/2020 HOBBS 2483.9 TSMOH 1238.9

1. Replaced Right Prop after received from prop shop for overhauled.
2. All bolts torqued to specs per McCauley install manual.
3. All work completed IAW Piper SM and McCauley Prop Manual.

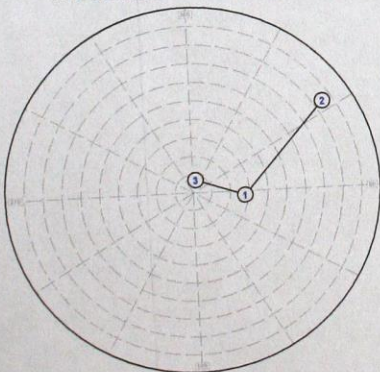


Mark Shipley 3267378AP

RIGHT PROPELLER DYNAMICALLY BALANCED

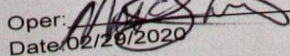
----- POLAR PLOT - 2.0 IN/S FS -----

Operator Comments



N3VA C-414 414-0258 0.0 Hrs
PHC-CY3 051416

MicroVib II SN:3303 Cal:01/08/2019
Initial: 0.554 IN/S @ 2265.4 RPM Final: 0.142 IN/S @ 2245.4 RPM

Oper: 
Date: 02/26/2020

Mark

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK	SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING
				DOOMTOWN AVIATION LLC. OKLAHOMA CITY, OKLAHOMA Right Propeller 9 March 2020 Cessna 414, s/n 414-00258, N3VA Continental TSIO-520-NE, s/n 509537 McCauley 3AF32C515, s/n 051416 Hobbs 2490.0, SMOH 1245.0, Date of O/H April 2006 100-HOUR INSPECTION was performed IAW McCauley service manual and FAR 43, apdx D. Removed spinner, inspected hub, blades and de-ice system. All ADs have been C/W. "I certify that this PROPELLER has been inspected in accordance with 100-HOUR INSPECTION and was determined to be in airworthy condition." Kevin Tucker A&P 4051467 <i>Ken Tucker</i>	JAMES "ROCKE" TYLER, A&P, IA WILEY POST AIRPORT, KDWK HANGER 1502



Reliable Aircraft Maintenance LLC
(405) 306-3494

Registration:	N3VA	Model:	414	Date:	10-22-2020
S/N:	414-0258	TTAF:	5696.3	Hobbs/Tach:	2633.7
Prop S/N:	(Right) 051416	Prop:	McCauley 3AF32C515	Prop TTSMO:	1388.7

Complied with an Annual Inspection in reference to the manufactures service manual and required checklist. Checked the prop tracking and inspected the spinner and back plate for damage and security.
 -Removed prop to repair spinner bulkhead corroded hardware. Removed hardware, cleaned and inspected area and installed new hardware. Installed prop after repair and torqued prop hardware as required.
 I certify that the maintenance described has been accomplished in accordance with Annual inspection and was found to be in an Airworthy condition.

Brian Butler

Brian Butler

A&P IA 2665413