

**RAM**  
**AIRCRAFT CORPORATION**

**PROPELLER  
MAINTENANCE  
RECORDS**

Aircraft Registration  
Propeller Position  
Propeller Serial No.

N414LA  
#2 / [REDACTED] LH  
980308



# PROPELLER MAINTENANCE RECORDS

Log No. 01

Aircraft Registration No. N414LA

Propeller Manufacturer M<sup>e</sup> Canley

Hub Model 3AF32C515

Blade Design No. G-82NLA-4

Hub Serial No. 980308

Blade Serial No's.

1. RI 327 YE26017
2. RI 338 YE26019
3. RI 340 YE26020
4. \_\_\_\_\_

*See overhaul tag  
7-14-2015*

Pitch Range:

High 17.4 ± 1.0 Low 14.0 ± 0.2

Feather 82.2 ± 0.3 Reverse -

Governor Manufacturer M<sup>e</sup> Canley

Model No. DCFS 290 D9/T3

Serial No. 980059

*NOV OVERHAUL - 1800 HRS - 5 YEARS*

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) 2000 Hours - 5 YEARS - PROP

If used on multi-engine aircraft:

- Left       Right  
 Front       Rear

(All applicable information must be filled in)

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

254/752-8381

FAX 254-752-3307

1-800-445-9713

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
				<b>TOTALS</b> brought forward from previous page

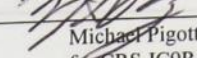


**Jackson Air Center, Inc.**  
 110 South Hangar Drive  
 Jackson, MS 39208  
 CRS JC9R175Y  
 Prop: McCauley 3AF32C515

**Aircraft Right Propeller Log Book Entry**

Reg. Number: N414LA      Serial Number: 414A0077  
 Date: 6/8/98              Hobbs: 1976.3  
 TSN: 0.0                    TSMOH: 0.0  
 SN: 980308

This propeller installed in R/H position of N414LA IAW STC SA8728SW  
 See FAA form 337. Aircraft test flown and operation check satisfactory.  
 I certify that this propeller is airworthy with respect to the work performed and is returned to service. For details, see  
 Work Order # 19950.

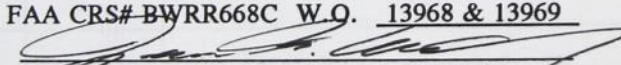
Signed   
 Michael Pigott  
 for CRS JC9R175Y

**Right Propeller Log Book Entry By Yingling Aircraft Inc.**

P.O. Box 9248, Wichita, KS 67277    FAA CRS BWRR668C  
 For: N414LA

Rec. Hours:	2133.7	Aircraft Total Time:	5689.2
Propeller Total Time:	157.4	Prop. Time Since Overhaul:	n/a

I certify this PROPELLER has been inspected in  
 accordance with an Annual Inspection and is presently  
 Airworthy and Approved for Return to Service  
 Yingling Aircraft, Inc.              Wichita, Kansas  
 FAA CRS# BWRR668C W.O. 13968 & 13969

  
 Rec. Hrs. 2133.7    Date 03-02-99

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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
7-10-99	5900.2	362.4	2344.7	I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED I/A/W A 100 HR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY condition. Richard C. Carl for ATP2166294, New Smyrna Air, Cynthiana, Ky. W.O. #1353  <u>Richard C. Carl</u> — End —
12-12-99	6082.7	550.9	2527.2	I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY condition. Richard C. Carl for ATP2166294, Cynthiana, Ky. W.O. #1392 — End —

## WEST KENTUCKY AIRMOTIVE

162 Airport Road P.O. Box 985 Madisonville, KY 42431 Phone (270) 821-3453

Date: 2/1/2001 Aircraft: N414LA Type: CESSNA 414A S/N: 414A0077  
 Hobbs: 2613.7, Total Time: 6169.2  
 McCausley Prop Model: 3AF32C515 RH Serial: 980308 Time: 637.4 SMOH

C/W annual inspection I/A/W maint manual. Checked hub for oil leaks, dressed nicks and ops chkd de-ice boots for proper operation. Chkd OK.

The aircraft or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under W.O. No. 2152 Dated 2-1-01.  
 Signed Richard C. Carl  
 West Kentucky Airmotive.  
 Madisonville, KY. 42431  
 C3S.M07R0070

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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
2002 Feb 12			2712A	TOTALS brought forward from previous page SPINNER REMOVED, PROPELLER INSPECTED, SCALES DRESSED, SPINNER REINSTALLED.
				I certify that this <u>PROP</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in <u>AIRWORTHY</u> condition at this time.  John A. Keeg 1A724906374

**DAYTONA BEACH JET CENTER**

DATE March 20, 2003

HOBBS: 2856.9

I certify that this Propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. All work was performed in accordance with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO# 4540

Jim Teski DBA5

Daytona Beach Jet Center CRS DYTR262K

2-2004	1041.9	—	153.5	Prop removed Prop for Repair - ERIT - Re-PRP (In 910044080)
2-24-04	1041.9	0.0	153.5	

**Suburban Aviation, Inc**

4383 Section Road  
Ottawa Lake MI 49267  
(734)856-6103  
www.suburbanaviation.com

Work Order: 07967

Department: SHOP

2-24-2004

Sold To: Rimach Inc.  
326 Patillo Rd.  
Tecumseh, ON N8N 2L9 CANADA

General Comments:

[Redacted]

Aircraft Number:	Type:	S/N:	Type:	S/N:	Tach Time:	Prop Time
N414LA	CESSNA 414A	414A0077			0.0	
Eng#	Type	S/N	Time Cycles	Prop Type	Prop S/N	Prop Time
1	TSIO-520-NB	521235	3,928.5	3AF32C515	980261	1,041.8
2	TSIO-520-NB	521248	3,928.5	3AF32C515	980308	1,041.8

Discrepancy: 1

Problem:

2/24/2004  
Completed the engine oil and filter changes, filters were cut and wear checks were sent in. Serviced with Phillips 20/50XC oil and washed the engines down. Completed the exhaust system inspections and pressure tested per AD1000-01-16 parts B, D, & E. Replaced the exhaust wastegate valve on the left engine with overhauled unit 470908-9012 S/N: NBR0107. Ground test ran and adjusted the turbo controller. Removed both propellers due to grease leaks and reinstalled after complete overhaul. Replaced all 2 ice leads on the left prop and 1 lead on right side.  
Brian J. Eklund IA370744080

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
				<b>TOTALS</b> brought forward from previous page
4-22-04	1055.4	43.6	197.1	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>I CERTIFY THIS <u>Prop</u> WAS INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION BRIAN J. EKLUND A&amp;P3707440801A</p> </div>
6-1-05	1546.4	504.5	638.1	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>I CERTIFY THIS <u>Prop</u> WAS INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION BRIAN J. EKLUND A&amp;P3707440801A</p> </div>
			WO 08724	
11-11-09	1600.0		711.7	<p>Removed &amp; Reinstalled For Engine Change - SA WO 09013</p>
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL
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8/20/09

HOBBS 982.5

**Suburban Aviation, Inc.**

4383 Section Road  
 Ottawa Lake MI 49267  
 (734)856-6103  
 www.suburbanaviation.com

**Work Order: 10251**

Department: SHOP

Sold To: Rimach Inc.  
 326 Patillo Rd  
 Tecumseh, ON N8N2L9 Canada

<b>Aircraft Number:</b>	<b>N414LA</b>	<b>Type:</b> CESSNA 414A	<b>S/N:</b> 414A0077				
Total Time:	7,402.5	Hobbs Time:	982.5				
Tach Time:	0.0	LG Cycles:					
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TSIO-520-NB	276704-H	4,390.5		3AF32C515	980261	1,870.8
2	TSIO-520-NB	278308-R	1,864.8		3AF32C515	980308	1,870.8
<b>Aircraft Comments:</b>							
Engines TSMOH:270.8							
Props TSOH:829.0							
Heater Hobbs:2231.9							

**Discrepancy: 1**

**Problem:**  
 8/20/2007

Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. EIT inspections per FAR 91.207(d), battery is due 1/31/2009. Checked the lights and serviced the battery. Replaced the aux power plug door. Serviced the wheel bearings and cleaned and replaced the brake linings. Replaced the nose tire. Aircraft was jacked and gear retraction checks, hydraulic pressures checked. Greased the fittings. Replaced the air conditioner condenser blower motor and repaired the door closer cylinder and mounting bracket. Replaced the cabin door lower cable. Serviced the fuel strainers. JPI S/N:2075 was repaired and updated by MFG and reinstalled. Checked the controls and lubed. Replaced the right engine alternate air control cable. Cleaned the aircraft. AD2000-01-16 pressure tested and inspected both engines exhaust systems. AD2004-21-05 tested the air switch and pressure decay tested heater, next due 8/20/2009 or at 2331.9 Hobbs time. AD2004-25-16 R1 inspected the heater fuel shut off valve and is due at 2331.9 or 8/20/2008. AD2006-03-08 and AD2007-04-19 R1 both DNA.

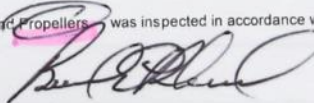
**Inspected, cleaned and dressed the propellers, tested the de-ice and reinstalled spinners.**

Left Engine Oil and filter changed, wear check sent in, filter cut. Serviced with Phillips 20/50 XC oil. Compressions were 1-78, 2-74, 3-76, 4-76, 5-78, 6-78/80. Mags were at 20 degrees. Serviced the spark plugs, cleaned the air filter. Inspected the controls, fluid hoses and mounts. Replaced the wastegate valve with RAM overhauled unit S/N:TE039807 due to piston leaks. Cleaned engine down.

Right Engine Oil and filter changed, wear check sent in, filter cut. Serviced with Phillips 20/50 XC oil. Compressions were 1-75, 2-77, 3-77, 4-78, 5-77, 6-78/80. Mags were at 20 degrees. Serviced the spark plugs. Cleaned the air filter, fuel screens, checked the fluid hoses, mounts. Cleaned the engine down.

I certify this Aircraft, Engines and Propellers was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Brian J. Eklund IA370744080



**Left Hand**

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				<p align="center">Flight 1 Aviation Maintenance LLC</p> <p>Date: March 16, 2011                      Registration: N414LA  Hobbs: 1164.5                                      L/H TSPOH: 1011.0</p> <p>This propeller has been inspected IAW FAR part 43 d. as an annual inspection and was found to be in an airworthy condition at this time. All pertinent ADs were researched though ATP.</p> <p align="center"><i>Brad Roberts</i></p> <hr/> <p>Brad Roberts 2695590 IA</p>
				<p align="center">Flight 1 Aviation Maintenance LLC</p> <p>Date: April 19, 2012                      Registration: N414LA  Hobbs: 1271.8                                      L/H TSPOH: 1118.3</p> <p>This propeller has been inspected IAW FAR Part 43 App. D as an Annual Inspection and was found to be in an airworthy condition at this time. All pertinent AD's were researched through Triton this date.</p> <p align="center"><i>Brad Roberts</i></p> <hr/> <p>Brad Roberts 2695590 IA</p>

Reg: N414LA  
S/N: 0077

Mod: C-414A  
Hobbs: 1314.6

L/H Prop

Re-install L/H Prop , P/N 3AF32C515, S/N 980308, after overhaul by H&H Propellers ( Ref. H&H W.O. # 19182).....Prop torqued to specs, ground run and checked for leaks. Ground run-up checked normal.

*Stephen M. Howard*

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Stephen M. Howard  
AP 523642820 IA

08/24/2012



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNATURE	DESCRIPTION OF WORK PERFORMED— & CERTIFICATE NO. OF PERSON PERFORMING WORK
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**MIDSOUTHJET CORPORATION**

536 Airport Road  
Greenwood Mississippi 38930  
662-392-2844

**Left Propeller: McCauley 3AF32C515, s/n 980308. Cessna 414A, N414LA.**  
5/21/2013. Hobbs: 1462.3. ACTT: 7882.3. Prop TT: UNKN. PTSOH: 1308.8. Propeller inspection completed using Inspection Forms, Cessna 414A Service Manual. All items of inspection were completed as required. See **Airworthiness Directive Compliance Record** for history, current status and due times of recurring AD's. N414LA-13-LP1.  
I certify this **Propeller** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition.

*Harold N. Dickey*  
Harold N Dickey - A&P1634955 IA

**MIDSOUTHJET CORPORATION**

536 Airport Road  
Greenwood Mississippi 38930  
662-392-2844

**Left Propeller: McCauley 3AF32C515, s/n 980308. Cessna 414A, N414LA.**  
7/21/2014. Hobbs: 1587.3. ACTT: 8007.3 Prop TT: UNKN. PTSOH: 1433.8. Propeller inspection completed using Inspection Forms, Cessna 414A Service Manual. All items of inspection were completed as required. See **Airworthiness Directive Compliance Record** for history, current status and due times of recurring AD's. N414LA-14-LP1.  
I certify this **Propeller** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition.

*Harold N. Dickey*  
Harold N Dickey - A&P1634955 IA

PlaneSmart Aircraft Services, LLC  
1027 Airport Terminal Rd. Cleveland, MS 38732 662-843-7960

7-30-215      N414LA.      HOBBS: 1640.9      LH PROPELLER SMOH: 0

Propeller overhauled with three factory new blades by First Flight Propeller, see yellow tag attached. Reinstalled on aircraft. Anti-ice boots checked for proper operation. Ground run and leak checked-none noted. Propeller feather operation checked-normal. I certify that this propeller has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Donald S Brown  
AP3447927 *Donald S Brown*

**SkyWest Aviation Inc.**

N414LA      Cessna 414A  
Right Propeller      M/N: 3AF32C515

S/N: 414A0077  
S/N: 980261

**August 9, 2016**  
Hobbs: 1723.1  
TSOH: 1569.6

- Complied with Annual Inspection IAW FAR 43 appendix D and McCauley M.M.
- Dressed Nicks in propeller.

I Certify that this Propeller has been inspected IAW an annual inspection and was determined to be in an airworthy condition

Paul Armstrong *Paul Armstrong*

AP3154322IA

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