

AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 414A-0421 N414PH

RECORD NUMBER 3

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.417 and/or other prevailing government regulations.

Note: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the appropriate Engine Propeller Avionics Maintenance Record.

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MAINTENANCE RECORD

414PH 2-8-03 3385.0 HRMTR. TT 4247.0
NEW LOG INITIATED FOR THIS AIRCRAFT S/N 414A-0421
WITH PRESENT HOURMETER READING OF 3385.0 AND
AIRCRAFT TOTAL TIME OF 4247.0 HOURS.

WORK PERFORMED

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Bobby R Meadows
BOBBY R. MEADOWS
A&P 428906924

I certify that this aircraft has been inspected in
accordance with a ANNUAL inspection and
was determined to be in airworthy condition.

INSPECTOR AUTHORIZATION 428906924

Bobby R Meadows

Total time 4286.0
07/03/03

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			N414PH 7-3-03 3424.0 HRMTR. TT A/F 4286.0 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. INSPECTION WAS PERFORMED IN ACCORDANCE WITH CESSNA INSPECTION GUIDE. COMPLIED WITH ALL ANNUAL REQUIREMENTS. CERTIFICATION FOR TRANSPONDER & ALTIMETER COMPLETED BY HEATH AVIATION. REPLACED BOTH VACUM RELIEF FILTERS P/N B3-5-1. REPLACED BOTH ROD ENDS P/N ADNE 12JW ON MAIN LANDING GEAR ACTUATOR. REMOVED ALL LANDING GEAR STRUTS, DISASSEMBLED, RESEALED, SERVICED & REINSTALLED. INSTALLED NEW EXTEND & RETRACT HYDRAULIC HOSES P/N 111502-6S0122 & P/N 111504-6S0100 FOR MAIN LANDING GEAR & NEW HYDRAULIC HOSES P/N 111417-4S0090 & P/N 111417-4S0100 FOR NOSE LANDING GEAR. INSTALLED NEW MAIN LANDING GEAR BRAKE HOSES P/N 111417-4S0520. REPLACED LEFT MAIN LANDING GEAR SHRADER VALVE P/N MS 28889-2. COMPLETED GEAR RETRACTION PROCEDURES, BOTH NORMAL & EMERGENCY. RESERVICED LANDING GEAR NITROGEN BLOW DOWN BOTTLE TO 2000 PSI. BLED & SERVICED BRAKE SYSTEM WITH 5606 HYD OIL. INSPECTED & REPLACED HYDRAULIC FILTERS P/N AN 6235-2A. SERVICED HYDRAULIC SYSTEM WITH 5606 HYD OIL. ADJUSTED ELECTRIC ELEVATOR TRIM SPEED TO SPECIFICATION AS PER CESSNA 414A M&O. REPLACED ELEVATOR TRIM TAB, PUSH/PULL TUBE BOLTS P/N	

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			N414PH CONT. 7-3-03 3424.0 HRMTR. TT A/F 4286.0 NAS 464P3-8 @ ELEVATOR. INSTALLED 2 10/32 C CLIPS P/N 04-00153 FOR FLOOR BOARD PLATE NUTS. REATTACHED CARPET VELCRO STRIPS ON FLOOR BOARD PANELS. FREED UP IMPELLER FOR AIRCRAFT TOILET. REPLACED BULB P/N 327 ON INSTRUMENT PANEL. REPLACED 2 MICRO SWITCHES P/N 1SM1, & REPAIRED WIRE FOR LEFT LANDING LIGHT. SERVICED AIRCRAFT BATTERY. REPAIRED WIRE ON CABIN STEREO. RESERVICED BOTH PROP DOMES WITH NITROGEN TO 41 PSI. DRESSED, PAINTED & LUBED PROPS. REPLACED WORN LINKAGES ON FLAPS AS REQUIRED. RERIGGED FLAPS AS PER MAINTENANCE MANUAL. CHECKED ALL FLIGHT CONTROL CABLES FOR PROPER TENSION. PERFORMED OPERATIONAL CHECK & ADJUSTED VOLTAGE REGULATOR & ALTERNATORS. BOTH SYSTEMS SET TO 27.5 VOLTS. INSPECTED & CLEANED MAIN FUEL FILTERS. C/W AD 2000-01-16 PARA. A., EXHAUST CRACKS. REPLACED #1 & #2 EXHAUST RISERS P/N 9910295-17 & P/N 9910295-19 ON LEFT ENGINE, LEFT EXHAUST. LUBRICATED ACFT AS REQUIRED. WASHED & CLEANED ACFT. RAN & CHECKED SYSTEMS OPERATION. COMPLETED TEST FLIGHT. <i>Bobby R. Meadows</i> BOBBY R. MEADOWS A&P 428906924	

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414PH 8-19-03 3429.5 HRMTR TT 4291.5
 REPAIRED WIRES ON PICK UP & COIL FOR PROP SYNC.
 RAN & CHECKED OPERATION. COMPLETED TEST FLIGHT.

Bobby R. Meadows
 BOBBY R. MEADOWS
 A&P 428906924

8-25-03 N414PH 3432.7 HRMTR TT 4294.7
 INSTALLED NEW, SERVICED & CHARGED BATTERY P/N G246,
 S/N GO2084132. RAN & CHECKED OPERATION.

Bobby R. Meadows
 BOBBY R. MEADOWS
 A&P 428906924

N414PH 10-20-03 3450.5 HRMTR TT 4312.5

INSTALLED NEW ENGINE OIL DRAIN PANEL ASSY P/N
 5654152-2.

Bobby R. Meadows
 BOBBY R. MEADOWS
 A&P 428906924

MAINTENANCE RECORD

MIDSOUTHJET

Bldg. 536, Greenwood Leflore Airport
 Rt. 1, Box 481
 Greenwood, Mississippi 38930
 662-455-3509

SIGNATURE,
 E TYPE
 3ER

Cessna 414A, s/n 414A0421, N414PH.

10/22/2003. Heater HM: 1151.8. C/W heater pressure decay test, maintenance and operational check in accordance with Janitrol Maintenance/Overhaul Manual 24E25-1 and , Par. (a), pressure decay test and operational check of combustion air switch. WO3578/N414PH-03-A1.

As pertains to work performed, this Aircraft has been inspected in accordance with all applicable FAR's, found to be in an airworthy condition and is approved for return to service.

Harold N. Dickey
 Harold N. Dickey - A&P 1634955

11-6-03 N414PH S/N 414A-0421 3467.2 HRMTR
 TTAF 4329.2

REMOVED LEFT ENGINE VACUM PUMP P/N 442CW, S/N 9AN-
 661. INSTALLED O/H VACUM PUMP P/N 442CW, S/N 25341.
 REPAIRED STATIC LINE FOR AUTOPILOT. RAN & CHECKED
 OPERATION. COMPLETED TEST FLIGHT.

Bobby R. Meadows
 BOBBY R. MEADOWS
 A&P 428906924

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			12-20-03 N414PH S/N 414A-0421 3497.1 HRMTR TTAF 4359.1	
			DISASSEMBLED NOSE STRUT & REPLACED SEAL P/N A2748, & UPPER BEARING P/N 0841200-60 ON LOWER STRUT. REPLACED LOWER RING P/N 0841211-1. REPLACED WIPER P/N S33756 & SCRAPER RING P/N S2418-1. REPLACED ASSOCIATED PACKINGS. RESERVICED WITH 5606 HYDRAULIC FLUID & NITROGEN. REMOVED ALL REQUIRED PANELS ON BOTH WINGS TO C/W AD 95-09-13. C/W AD 95-09-13, FUEL FLOAT VALVES. COMPLETED TEST AS PER AD INSTRUCTIONS & CESSNA MEB 93-10 REV. 1, DATED 3-31-95. ALL VALVES PASSED TEST. AD DUE AGAIN IN 600 HOURS, (4097.1 HRMTR. OR 4959.1 TT). REMOVED REQUIRED PANELS ON LEFT WING FUEL TANK DUE TO LEAKING. CLEANED AFFECTED AREA AND RESEALED WITH PRO SEAL 890 B2. REINSTALLED ALL PANELS, REPLACED NECESSARY SEALS P/N 5122021-5, -6 P/N 5222012-5, 5622010-4 & FILLER GASKETS P/N 5526251-6. SERVICED WITH FUEL. CHECKED FOR LEAKS.	
			<i>Bobby R Meadows</i> BOBBY R. MEADOWS A&P 428906924	

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RAM Aircraft, Limited Partnership • Waco Regional Airport

Cessna S/N 414A0421 N414PH

Airframe Total Time: 4362.6

Hour Meter: 3500.6

Date: 01-28-04

Log book closed this date and total time. See RAM Log 4 for future entries. Pertinent details on the above installation are on file at this repair station under project no. 1134.

Robert Franklin

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

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MAINTENANCE RECORD

Date: July 14, 2004	Page 1 of 1 Pages	Reg. No: N414PH
Aircraft: Cessna 414A	Serial #: 414A0421	Hour Meter: 3577.6

The below listed items were accomplished in accordance with Cessna 414 Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's. Task codes listed at end of corrective action as applicable.

Work order AG-04-06305

- [2700] Radar ART-161A Antenna / Receiver/Transmitter p/n 4001018-6108 s/n 4115 installed after repair. Operational check satisfactory. Unit repaired by Duncan Aviation CRS JGVR194F under work order N9CQA.
- [2701] Northstar M-3 GPS p/n 1200-03-01 s/n AL12080 removed for repair. GPS circuit breaker pulled and collared. Placard not required since all controls are removed with unit. Temporary weight and balance inserted in the aircraft flight manual.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed _____
 Central Flying Service, Inc
 1501 Bond Street, Little Rock, AR 72202

Stephen J. Proche

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
 FAX (501) 374-2150

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*End Logbook 3
 See RAM Airframe Logbook #4
 for continuation.*