

N 7 3 4 G E

#1

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TLRED-489
(Rev. 3-93)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-360-A4M
Serial #: RL-34814-36A
Total Time: 0.0
Work Order #: PL1017515
Date Completed: 12/9/95

Authorized Signature S. F. Ellis
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date	
Type	Model	Serial No.	
Rated H.P.	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name			
Address			

①

NEW TACH INSTALLED **ENGINE LOG** 1 of 2 Serial No. RL34814-36A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5 FEB 96	0	0	AIRCRAFT TOTAL TIME: 2038.9	ENGINE TOTAL	
TIME "0"			INSTALLED THIS ENGINE 0300 AM 5/11		
RL34814-36A			IN ACFT N 7346 S/N 17268836 1AW		
STC SA 70361			PENNYAN AERO SVC INC. (SEE ATTACHED)		
FAA FORM 337			DATED 5 FEB 96. INSTALLED WITH		
ALL NEW FUEL AND OIL LINES, ALL NEW LORDS					
MOUNTS, ALL NEW BAFFLE SEALS. ENGINE RUN					
AND CHECKED 1AW STB 1427B.					
			CONT NEXT PAGE		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8 FEB 96	3	0	TOTAL TIME 3.0 ACFT TOTAL TIME: 2041.9 INSTALLED PRECISE FLT. STANDBY VAC SYS 1 PW STC SE 17 ANM (SEE ATTACHED FAA FOR 337 dtd 8 FEB 96) Ops Check OK	H. Hamilton A. Paul	
22 FEB 96			TOTAL TIME 5.5 ACFT TOTAL TIME 2044.4 TRCH. 5.5. REPLACED VAC GARLOCK SEAT OPS CLEAR Check OK	H. Hamilton A. Paul	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

APB 72727252

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
22 MAR 96			TACH 10.6 TOTAL TIME: 10.6 CHANGED OIL AND FILTER. CHECKED SPARKS (OK) SERVICED WITH 8QTS AEROSHELL 100 MINERAL OIL & COMPRESSION #1 76/80 #2 76/80 #3 78/80 #4 76/80 RUN FOR OPS CHECK OIL	I. Hamilton	AP 272427282
12 SEP 96			TACH: 19.0 TOTAL TIME 19.0 CHANGED OIL & FILTER COMP #1 76/80 #2 76/80 #3 94/8 #4 76/80 SERVICED WITH 8QTS AEROSHELL 100 AD OIL OPS LEAK CHECK OIL	I. Hamilton	AP 272427282
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

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ENGINE LOG

Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
20 JAN 97			TACH: 23.4 TIME SINCE REMAN: 23.4 CHANGED OIL AND FILTER CHECKED SCREENS & FILTER FOR METAL (NONE FOUND) REPLACED INTAKE FILTER BA 6108. INSP AND ROUTINE MAINT PERFORMED WAW CESSNA 300 MANUAL AND LYCOMING 0.17. MANUAL RUN FOR OPS LEAK CHECKOR		
#1 7/80					
#2 7/80					
#3 7/80					
			HECK-AIR, INC. 1431 GENERAL AVIATION DR. MELBOURNE, FL 32935	I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION HARRINGTON HAMILTON <i>Harrington Hamilton</i>	
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

AP272427282IA

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
30 Apr 97			TACH: 27.3 TIME SINCE REMAN: 27.3. CHANGED OIL AND FILTER CH4803. SERVICED WITH 8QT AEROSHELL 100 A.D. OIL. RUN FOR LEAK CHECK OK	I-I. Hamilton	
			HECK-AIR, INC. 1431 GENERAL AVIATION DR. MELBOURNE, FL 32935	I-I. Hamilton	AP2724/27282
7 OCT 97			TACH: 32.2 TIME SINCE REMAN: 32.2 CHANGE OIL AND FILTER CH48103 SERVICED WITH 8QT AEROSHELL 100 A.D. OIL LEAK CHECK OK	I-I. Hamilton	
			HECK-AIR, INC. 1365 GENERAL AVIATION DR. MELBOURNE, FL 32935	I-I. Hamilton	AP2724/27282
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9 Aug 98	TACH	48.0	Drained oil. Removed and Replaced CH48110 oil filter. Serviced oil w/ 8 qts Aeroshell 100w. Bend run leak checked.		
			Joe A. Richardson APP 258233385		
03-01-99	68.4	TACH 68.4	Total Since Reman. Inspected using Lycoming & Cessna Manuals. Compression Results (#1) $\frac{72}{80}$ (#2) $\frac{74}{80}$ (#3) $\frac{74}{80}$ (#4) $\frac{74}{80}$		
			Drained oil & Removed Filter - Filter cut open and oil sample taken per S.B. 1492A. Filter Clean. Installed CH48110 & serviced w/ 8 qts Aeroshell 100w - cont		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

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ENGINE LOG

Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
05-30-99	75	7	Drained oil Removed and Replaced C148110 Filter. Cut Open - Clean insp. Checked Screens. Serviced 8 qts Aeroshell 100W. Grand Run leak Checked <i>Joe A. Kuchner</i>		AP258233385
12-12-99	99	8	Drained oil R+R Filter. Cut open - Clean Insp. Checked Screens Serviced 8 qts Aeroshell 100W. GRND RUN LK Checked. <i>A. Loy</i>		265905386 (owner/Pilot)
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

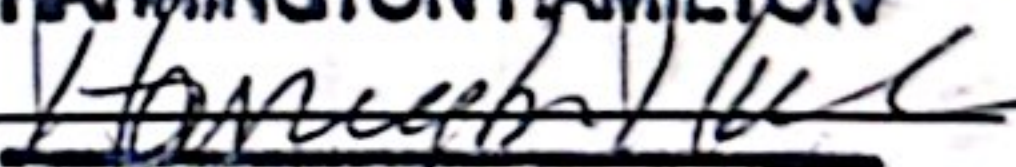
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
JAN 99	TACH:	99.4	CHANGE OIL AND FILTER SUED WITH EQTS AEROSHORE 100 * OIL SAMPLE TAKEN *	[Signature]	AT 27242728
FEB 10, 00	TACH:	119.60	CHANGE OIL AND FILTER CH48110 SERVICED Tqts AEROSHORE 100 AD OIL RUN LEAK CHECK OK * OIL SAMPLE TAKEN	[Signature]	AP 27242728
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2 Apr 2000	TACH: 133.00	TOTAL TIME: 133.00 (NEW)	CLEANED & GAPPED SPARK PLUGS. REPLACED D6 CLAMP FOR BREATHING RETURN WRAPPED SEVERAL IGNITION LEADS. AD 98-02-08 IS DUE AT 1000 HR OR YEAR 2005 OR OVERHAUL WHICHEVER OCCURS LATER. INSP AND ROUTINE MAINT PERFORMED IN ACCORDANCE WITH CS SNA SUC MANUAL	I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION HARRINGTON HAMILTON 	AP2724272821A
Comp:			HECK → AIR, INC. 1431 GENERAL AVIATION DR. MELBOURNE, FL 32935		
#1					
#2					
#3					
#4			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3/19/01	TACH:	199.1	TOTAL TIME: 199.1 CHANGE OIL & FILTER CHANG SERVICED 800S PEROSITEL 100 50WT A.D. OIL. REPLACED INTAKE FILTER BA6108. INSPECTIONS ROUTINE MAINT PERFORMED INW 172 SERVICE MAN.		
HECK → AIR, INC.			I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>FAA</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON <i>[Signature]</i> AP2724272821A		
1431 GENERAL AVIATION DR					
MELBOURNE, FL 32935					
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No.

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ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1 Apr 2002			TAXI: 295.9 TOTAL TIME: 295.9 CHANGE OIL & FILTER CH48110 SERVICED WITH 7qts Aeroshell 100 AD 50WT OIL REPLACED INTAKE FILTER BA6108. REPLACED CLAMPS & HARDWARE #1 CYL EXHAUS COMPRESSION IAW SI 1191A #1 72/80 #2 72/80 #3 74/80 #4 74/80 RUN FOR OPS WORK CITE d 012. INSPECTION: ROUTINE MAINT. PERFORMED IAW C172N S/C MANUAL		
			I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>FAA</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION HARRINGTON HAMILTON		
HECK & AIR, INC. 131 GENERAL AVIATION DR. MELBOURNE, FL 32935			All Repair Data Must Bear the Endorsement of a Certificated Mechanic and his Rating and Certificate Number MUST be Shown APR 2 2002		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
26 JUN 02			TACH 325.7 TOTAL TIME: 325.7 CHANGED OIL & FILTER CH 48110 SERVICED WITH 7QTS AEROSHELL 100 50WT AD OIL CHECKED BATTERY OK, SERVICED TIRES * OK SAMPLE TAKEN *	<i>[Signature]</i>	272427282 FA
03 Oct 02			TACH 352.0 TOTAL TIME: 352.0 CHANGED OIL & FILTER CH 48110 SERVICED WITH 7QTS AEROSHELL 100 50WT AD OIL CHECKED BATTERY OK / SERVICED TIRES	<i>[Signature]</i>	272427282 FA
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. RL-34814-36A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/1/03			TACH 382.0 TOTAL TIME 382.0		
			Change OIL & FILTER CH 48110 SERVICED		
			WITH 7 QTS AEROSHELL 100 50WT AD OIL		
			CHECKED BATTERY OK / SERVICE TIRES	H. HALL	272427252

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
21 MAR 03			TACH: 409.5 TOTAL TIME: 409.5 CHANGE OIL & FILTER		
CH 48103			SERVICED WITH 7qts Aeroshell 100 AD. 50wt oil.		
			CHECKED SUCTION SCREENS FILTER OK. REPAIRED FRONT		
			BAFFLES REPAINTED. INTAKE FILTER REPLACED BA6109.		
			REPLACED SPARK PLUGS UREM 37BV. WORK PERFORMING		
			COMPRESSION: 1AW CESSNA 172N SERVICE MANUAL		
#1	70	140	HECK & AIR, INC.	H. Hamlet	
#2	72	180	1431 GENERAL AVIATION DR.	272427252 ITA	
#3	72	140	MELBOURNE, FL 32935		
#4	72	140			
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
04 Apr 03	TACH	416.6	TOTAL TIME: 416.6 COMPRESSION 1AW SI 1191A #1 72/80 #2 70/80 #3 72/80 #4 72/80. AD 98-02-08 IS NON APPLICABLE TO 0360AAM (SOLID CRANK) INSPECTION'S ROUTING MAINT. PERFORMED 1AW C172 SERVICE MANUAL.		
5 May 03	TACH	431.2	Total Time: 431.2 Serviced 7Qts Aeroshell 100. Leak & Ops ck OK Filter CH 48110 Adria Tray owner 265905356	I CERTIFY THAT THIS AIRCRAFT, ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND <u>TERMINED</u> <u>TO BE IN AIRWORTHY CONDITION</u> HARRINGTON HAMILTON <u>James M. [Signature]</u> AP0784272821	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

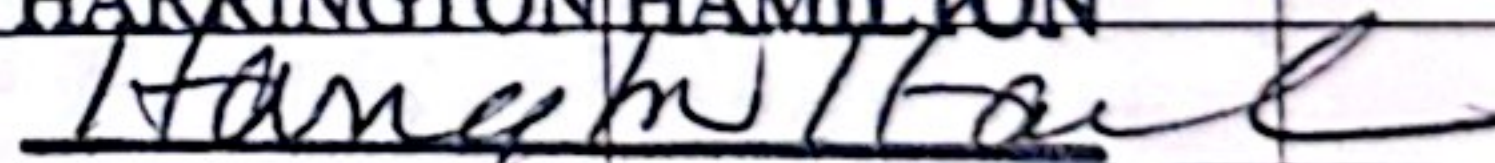
Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/29/07	4	95	0	CHANGED OIL + FILTER - 7QTs AeroShell 100	A. Jones 265905356
				Filter CH48110 - ops CLK GOOD	
				A. Jones 265905356	
2/3/04	5	33	9	OIL + FILTER CH48110 - 7QTs AeroShell 100	A. Jones 265905356
				ops CLK GOOD	
				Page Total Brought Forward Total to Date	

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/23/04			CHANGE * TACH: 560.4 TOTAL TIME: 560.4 REPLACED INTAKE FILTER BA6108. REPLACED FUEL STRAINER BOWL WITH NEW CLEANED & GAPPED ALL PLUGS, CLEANED PRIMER NOZZLE, CHECKED & LUBED ALL CONTROLS "I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON  AP2724272821A		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

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118.9

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
MAY 05			TACH: 679.3 TOTAL TIME: 679.3 CHANGE OIL & FILTER CH 98110 SERVICED WITH EQTS AEROSHELL 100 50WT A.D. OIL. REPOSITIONED RBC RETURNING CLAMPS AND TIGHTENED. REPAIRED #1 CYL BAFFLE. REPLACED DIP STICK TUBE GASKET 72059. REPAIRED LOOSE CLAMPS ON #4 OIL RTN LINE & PRIMER LINE COMPRESSION #1 74/80 #2 77/80 #3 75/80 #4 78/80 R & R BOTH MAGNETOS FOR 500HR INSP BY MAXWEL'S MAG SHOP INV, # 7320/7321 TITE INSPECTION AND ROUTINE MAINT PERFORMED IAW CESSNA C172N MANUAL	"I CERTIFY THAT THIS PISTON ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"	HARRINGTON HAMILTON
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic <u>APR 24 2011</u> and Certificate Number MUST be Shown. <u>W1005084</u>	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2005 Sep 1, 2005	716	0	Oil Change - New Filter CH 4110 CH 4110 7QTS AeroShell 100W - Leak ch OK	C. J. [Signature]	2659838
14 Jan 06	755	0	Oil Chg - Filter CH 48110 - 7qt AeroShell Oys ch - no leaks	C. J. [Signature]	2659838
6 Mar 06	755	0	Oil Chg - Filter CH 48110 - 7qt AeroShell 100W - no leaks	C. J. [Signature]	2659838
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE

570L 5710 5710 5710 5710
 092211/15 MELI 2946L N
 1.848 :HALL 70/E116

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE
	Hrs	Min	
5/24/06	TACH: 813.1	TOTAL TIME: 813.1	CHANGE OIL - FILTER CHANGE SERVICED 70LTS AEROSHELL 100 SOWT A.D. OIL. COMPRESSION IAW SE119H #1 77/80 #2 78/80 #3 77/80 #4 76/80. CLEANED AND TOUCHED UP ENGINE BAFFLES - ENGINE AREA. REPLACED INTAKE FILTER BAGIOS. TIME INSPECTION AND ROUTINE MAINT PERFORMED IAW CESSNA C172N SERVICE MANUAL. W/O 06110 ALL 3 SPARK PLUGS REPLACED HECK-AIR INC. 1421 General Aviation Dr. Melbourne, FL 32935
			"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON All Repair Data Must Bear the Endorsement of a Certificated Mechanic and his Rating and Certificate Number MUST be Shown.
			Page Total Brought Forward Total to Date

OK.

H. HARRINGTON
H. Hall Jr
27242722 FA

G

Serial No. _____

REMARKS			Signature	License Number
7 JUN	2007	TACH: 957.7 TOTAL: 957.1 CHANGE OIL & FILTER CH48110. CHECKED FILTER & SUCTION SCREEN OR. SERVICED WITH 7 qts AEROSHELL 100 50WT AS OIL. OIL SAMPLE TAKEN REPAIRED INTAKE FILTER, TIGHTENED ALL ROCKER BOX COVERS DRAIN LINE HOSES, RIR PROP TO REPLACED ALTERNATOR AND ALTERNATOR BELT. BELT P/N 37A19773-376 ALTERNATOR P/N DOFF 103000R S/N 611754. DRESSED AND TOUCHED UP PROP. RETIGHTENED TORQUE 530" LB. CLEANED AND GAPPED ALL SPARK PLUGS. TOUCHED UP ENGINE PERIA S WASITEN DOWN ENGINE. COMPRESSION 1AW		

		Page Total
		Brought Forward
		Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

ST 1191A #1 75/ko #2 76/ko #3 78/ko #4 78/ko RUN FOR OAS
AND LEAK CHECK OK. THIS INSPECTION AND ROUTINE
MAINTENANCE PERFORMED IAW CESSNA MANUAL D2065-1-
13AF w/d 07119 "I CERTIFY THAT THIS AIRCRAFT
ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH

ANNUAL
INSPECTION AND WAS DETERMINED
"TO BE IN AIRWORTHY CONDITION"

HARRINGTON HAMILTON

[Signature]

AP2724272821A

END LOG BOOK #1

H. HATCH-2724272821A

Registered Owner Record

Name _____ Address _____

City _____ State _____

Name _____

City _____ State _____

Name _____

City _____ State _____

Name _____

11/29/06 N734GE TACH: 883.2
CHANGED THE OIL AND FILTER CH48110
SUCTION SCREEN CHECKED OK. REPAIRED
CARB HEAT BOX. RUN FOR LEAK CHECKOK

H. Hamilton

H. HAMILTON

AP 272427282

Address

3/2/07 TACH: 919.7
CHANGE OIL & FILTER
SERVICED 7QTS Aerosize
100 50WT OIL. CLEANED
SCREEN. LEAK CHECK OIL
N172GE

H. Hamilton
H. Hamilton
272427282FA

To

N 73466 TACH 988.6
9/24/07

CHANGED OIL & FILTER CHR110
SERVICED WITH TQTS AEROSHELL
REPLACED BAYCON BULB
MIL 1512. OPS LEAK CHECK OK

14.1 HALL
272427282 TA

YEAR: 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7 DEC 2007	1026.8		1026.8	CHANGED OIL & FILTER CH48110-1 SERVICED WITH 7qts AEROSHELL 100 50WT AD OIL. CHECKED SUCTION SCREEN OK —————
				I. HAMILTON H. HAMILTON
	1028.0		1028.0	27242728L AP
14 Dec 2007	1028.0		1028.0	Changed Voltage Regulator - Replaced with Zoftronics R15V00-A.
2/22/08	1060.2		1060.2	CHANGED OIL & FILTER CH48110-1 CHECKED SUCTION SCREEN & FILTER OK. SERVICED WITH 8qts AEROSHELL 100 50WT AD. OIL OPS. LEAK CHECK OK —————
				H. HAMILTON 272427282 JA

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/25/08	1104.3		1104.3	CHANGE OIL & FILTER, SERVICED WITH 7qts Aeroshell 100. REPLACES INTAKE FILTER BA6108. COMPRESSION: #1 78/80 #2 76/80 #3 75/80 #4 78/80 THE ROUTINE MAINT PERFORMED IAW CESSNA MANUAL MODEL 172 SERIES SERVICE MANUAL
				"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON Harrington Hamilton AP2724272821A

WARNING

LEFT

When installing drive gear or driver onto magneto, torque nut provided to 320 inch lbs.
Use only the installation hardware provided.
Secure nut with appropriate cotter pin.

FAA-PMA Approved

Magneto was manufactured from all new components in accordance with 14 CFR 23.1303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Pratt & Whitney Industries' L-1318 Document in the F-1100 Master Service Manual. For LASAR® magnetos, see L-1500 Manual.

Record magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No.

4371

Magneto Serial No.

08103057

Date of Installation

11/25/08

3-A

Tests, Repairs and Alterations

(Record name, Rating and Certificate Number of Technician or Repairman for all specific entries.)

TH MAGNETOS WITH

2103057 RIGHT = P/O

PS = LEAK CHECK GOOD

D. HANLON

272427252 IA

me, Rating and Certificate Number of Technician or Repair
(specific entries.)

2. White Oil & Filter

2 M D

Tests, Repairs and Alterations
ie, Flating and Certificate Number of Technician or Repair
specific entries.)

TH MAGAZINE

26	1160.6	1160.6	REPLACES BOTH MAGNETOS WITH
08	NEW. LEFT: PIN 4371 S/N 08103057		RIGHT = PLW
4370	S/N 08101644	RUN FOR OPS = LEAK	CITK 600W
			Id. HAMLET
			272427252 IA

[illegible]

YEAR: 2009 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/9/2009	123317		1233.7	ACFT TOTAL 3272.6. CHANGE OIL & FILTER C1448110-1 SERVICED WITH TOPS AEROSHELL 100. REPLACED ALL SPARK PLUGS. REPLACED #1 EXHAUST RISER REPLACED INTAKE FILTER B96108. RUN FOR OPS AND LEAK CHECK OK. THIS INSPECTION AND ROUTINE MAINT. PERFORMED IAW CESSNA C172a MANUAL
#1	74/50			I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED "TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON <u>L. Harrington</u> AP2724272821A
#2	76/50			
#3	73/50			
#4	75/50		W/O 90%	

[illegible]

YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/1 2010	1357		1357.0	CHANGE OIL & FILTER CH48110-1 SERVICED 99cc AGRO SUTZ 100. REPAIRED #1 TOP PLUG WIRE SITUATION CLEANED & GAPPED ALL SPARK PLUGS (REPLACED 100cc #1 CYL BOTTOM REPAIRED VACUUM PUMP RA215000H S/N 141355. REPAIRED INTAKE FILTER BA6108. THIS INSPECTION AND ROUTINE MAINT PERFORMED IN ACCORDANCE WITH CESSNA 172N SERIES MANUAL
				HECK-AIR INC. 1421 General Aviation Dr. Melbourne, FL 32935 w/o 10092
				"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH MANUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON H. Hamilton AP34829211A
#1 70/80	#2 76/80	#3 72/80	#4 74/80	

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection	Repair
				9 Nov 2010 N734GE TACH: 1398.3 CHANGE OIL & FILTER CH48110-1 SERVICE WITH 7QTS AEROSHELL 100 SOWT AD OIL. RUN FOR LEAK CHECK OK H. Hamlet AP 3482921	
				N734GE 25 FEB 2011 TACH: 1438.9 CHANGE OIL AND FILTER CH48110-1 SERVICE 7QT AEROSHELL 100. LEAK CHECK OK H. Hamlet 3482921	

156.5

YEAR: 2011	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE NTW	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE Jul 2011	1493.5		1493.5	CHANGE OIL & FILTER CH 9K110-1 SERVICED WITH 7qts Aeroshell 100. REPLACED INTAKE FILTER BA6108. REPLACED LOWER LORAMOUNTS. REPLACED FUEL AND OIL COOLER HOSES. CHECKED ALL VALVE CLEARANCES, 28-50 WITHIN LIMITS REPLACED OIL COOLER SCAT HOSE. TAXIED UP PROP & ENGINE AREA. THIS INSPECTION AND ROUTINE MAINT PERFORMED IN A CESSNA 172N MANUFACTURED LYCOMING MANUFACTURE 60294-7-4 #1 72/80 #2 73/80 #3 75/80 #4 73/80
				"I CERTIFY THAT THIS ANNUAL ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON  AP34829211A

W/p 11075

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 JAN 2012	1554.7	INSTALLED		TCB COMPOSITE SPINNER P/W
	TCB 0550236-8			1AW 5TC 5A 0126 5AT
				Id. I have
				3482921 IA
				3/23/2012 N7346E TACH: 1577.3
				CHANGE OIL & FILTER CHASID. I
				SERVICED WITH 7QT AEROSITEL
				100 GWT AD OIL. LEAK CHK L
				OK
				Id. I have
				3482921 IA

YEAR: 2012 DATE 27 JUN 2012	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE NEW	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	1602.1		1602.1	CHANGE OIL & FILTER CH48710-1 SERVICE
	WITH 7pts			PEROSITIZ 100. REPLACED EXHAUST STUD
	HARDWARE. REPLACED			#3 INTAKE GASKET. REPLACED INTAKE
	FILTER. TOUCHED P			PROP. REPLACED #2 & 4 INNER Baffle
	SAFETY WIRE. REPLACED			200 COWL MOUNTS. REPLACED
	ALL SPARK PLUGS.			#1 75/80 #2 70/80 #3 75/80 #4 74/80 THIS
	INSPECTION AND ROUTINE MAINT			PERFORMED 1 PW CESSNA 172N
	MANUAL			"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH
				ANNUAL
				INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON
				<i>[Signature]</i>
				AP34829211A

HECK-AIR INC
1447 GENERAL AVIATION DR
HANGAR A
MELBOURNE FL 32935

W/0 12090

YEAR: 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE NEW	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/17 2012	1619.5		1619.5	REPLACED STARTER P/N 149-NL
	S/N FN-231214			REFIGURED W/B 12.1 for
				3482921 FA

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL
 Serial No. FN-231214 was manufactured new on 11 Jun 2012
 by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
 No. 7 per CFR14 Part 21 in accordance with Sky-Tec's
 FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
 conforms to the relevant FAA-approved drawings. This part has been
 determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 7346E by H. Hank
 (Aircraft) (Mechanic)
AP 3482921 FA

WEIGHT AND BALANCE/EQUIPMENT LIST REVISION

NAME: ADRIAN TRAY
AIRCRAFT MAKE/TYPE: C172N
REGISTRATION #: N734GE

DATE: 1977
MODEL #: C172/N
SERIAL #: 68836

In or Repair

PREVIOUS DATE:

WEIGHT: 1516.45 ARM: 39.03 MOMENT: 59182.09

EQUIPMENT LIST		IN	OUT	WEIGHT	ARM	MOMENT
1	(P/N) (S/N) (Desc.) SKY-TEC STARTER	X		9.4	-19.7	-185.18
2	Starter Electric System, MZ-402		X	13.0	-19.7	-256.1
3				+3.6	-19.7	+70.92
4						

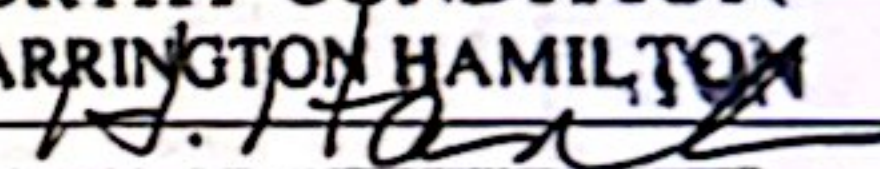
AIRCRAFT EMPTY WEIGHT:	$\frac{1516.45}{39.03}$	$\frac{1512.8}{39.07}$
ARM:		
MOMENT:	$\frac{59187.04}{2550}$	$\frac{9116}{2580}$
GROSS WEIGHT:		
USEFUL LOAD:	$\frac{1110}{15}$	$\frac{1114}{15}$

SIGNATURE

1 AUTHORIZATION

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				27 NOV 2012 N 734GE TACH: 1646.7 CHANGE OIL AND FILTER CH48110-1 SERVICED WITH 7QTS AEROSHELL 100 SDWT A.D. OIL H. Hannel 3482921 AP
				14 MAR 2013 TACH: 1682.2 N 734GE CHANGE OIL AND FILTER CH48110-1 SERVICED WITH 7QT AEROSHELL 100. OIL SAMPLE TAKEN. H. Hannel 3482921 AP

YEAR: 2013	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 5/18 2013	16935		16935	R/R MAGNETOS FOR OVER HANG BY LEAGUE MAGNETO W/D 1584/1585. TORQUE TIMED TO 25° BTC. REPLACED IGNITION HARNESS PLWH001. RUN FOR OPS LEAK CHECK OK ————— 1st. 1st Hank AP3K 2921
5/21 2013	16950		16950	REMOVED LEFT MAGNETO FOR REPAIR BY LEAGUE MAGNETO W/D 1584/1585. REINSTALLED USING NEW GASKET TIMED TO 25° BTC REPLACED ALL SPARK PLUGS 1st. 1st Hank 3482921 AP

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/16 2013	1703.6		1703.6	CHANGE OIL & FILTER CH 48110-1 SERVICED WITH 7qts AEROSIL 100 OIL. R&R #3 CYL EXH CLAMPS. & INSTALLED HEAT TAP. REPLACED INTAKE FILTER BA6108. TOUCHED UP PROP AND FACE. CHECKED AND LUBED ALL CONTROLS. THIS INSPECTION AND ROUTINE MAINT PERFORMED IAW CESSNA 172 MANUAL & LYCOMING MANUAL 60294-7-4
#1	75/80			
#2	74/80		W/O 13047	"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH
#3	74/80			MANUAL
#4	75/80			INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
			HECK-AIR INC 1447 GENERAL AVIATION DR HANGAR A MELBOURNE FL 32935	HARRINGTON HAMILTON  AP34829211A

YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/16 2014	1761.0		1761.0	CHANGE OIL - FILTER CH48110-1
	SERVICED	WITH	7qts	AEROSITELL 100W. RUN FOR
	LEAK CHECK OK			14.1 hour 3482921 FA
				W/O 14005
				4/23/2014 N7346E TACH:
10/3/2013 N7346E TACH				1975.00 CHANGE OIL - FILTER
1733.00 CHANGE OIL - FIL				CH48110-1. SERVICED WITH
CH48110-1. ADDED 7qts AE				7qts AEROSITELL 100W. RUN
100. LEAK CHECK OK				FOR LEAK CHECK OK
				14.1 hour 3482921, AP
				W/O 14029
				14.1 hour 3482921 AB

129

YEAR: 2014	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 2 JUL 2014	1832.6		1832.6	ACFT TOTAL TIME: 3871.5 CHANGE
				OIL - FILTER CH 98110-1 SERVICED WITH 7qts AEROSILL 100 ON
				REPLACED ALL SPARK PLUGS, REPLACED INTAKE FILTER
				BA 6108. CHECKED AND LUBED ALL CONTROLS, REPLACED
				VAC PUMP PIN RAP 215CC SIN A 55295. THIS INSP
				AND ROUTINE MAINT. PERFORMED INW C172N SERVICE
				MANUAL, DRESSED & TOUCH UP PROP
# 1 73/80				HECK-AIR INC 1447 GENERAL AVIATION DR HANGAR A MELBOURNE FL 32935 "I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON W/D 14039
# 2 75/80				
# 3 75/80				
# 4 76/80				

Yr	Description of Inspections, Tests, Repairs and Alterations	me, Rating and Certificate Number of Technician or Repair specific entries.)
10/30/2014 N7346E TACH: 1872.4		
CHANGE OIL & FILTER CH48110-1		
SERVICED WITH TQTS AEROSHEW W		
100. REPLACED RIGHT INNER CYC		
BAFFLE TIE ROD. R & R CARB		
1st AT CABLE, LUBED & CLEANED		
REINSTALLED. REPLACED #		
2 CYLINDER EXHAUST RISER		
P/N K17540009-3 5 IN		
27277/P84347		
	1d. 1 tank	
	348292. FA	

[illegible]

130 YEAR: 2015 2 JULY	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2015	1962.6		1962.6	A/CFT TOTAL 4001.5 CHANGE OIL & FILTER
CH48	10-1			CHECK SUCTION SCREEN OK. ADDED 7qts W100 AEROSHELL
				REPAIRED INTAKE FILTER BA6108. CLEAN GAP ALL SPARK PLUGS
				CHECKED AND LUBED ALL CONTROLS. THIS INSPECTION AND
				ROUTINE MAINT. PERFORMED INW C172 SERVICE MANUAL
COMP =				
#1	70/ko			HECK-AIR INC 1447 GENERAL AVIATION DR HANGAR A MELBOURNE FL 32935 I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON AP3482921-A
#2	74/ko			
#3	74/ko			
#4	74/ko			
			W/O 15046	

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N734GE TACH: 2003.1 12/17/2015
				CHANGE OIL AND FILTER CH48110-1
				SERVICED 7QTS AEROSHELL W100 OIL
				RUN FOR LEAK CHECK OK
				H. HAMILTON
				H. Hamilton
				3482921 AP
				N734GE TACH: 2036.00
				4/27/2016 CHANGE OIL =
				FILTER CH48110-1. SERVICED
				WITH 7QTS W100 AEROSHELL
				LEAK CHECK GOOD..
				Heck Air, Inc.
				1447 General Aviation Drive
				Hangar A
				Melbourne, FL 32935
				H. Hamilton
				3482921 AP

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/10/16	2046.6		2046.6	CHECK AND GAP ALL SPARK PLUGS. CHECK
2016				AND LUBED CONTROLS. REPLACED INTAKE FILTER BAGS.
				REPLACED MISSING SCREWS ON HEAT MUFF, REPAIRED FWD
				Baffle BY STARTER. REPLACED CLAMP ON CARB HEAT SHROUD
				TIGHTENED UP PROP. THIS INSPECTION AND ROUTINE MAINT
				PERFORMED IAW C172 SERVICE MANUAL
				COMP:
	#1 71/80	#2 74/80	#3 73/80	
	#4 75/80			
				Heck Air, Inc.
				1447 General Aviation Drive
				Hangar A
				Melbourne, FL 32936
				W/O 16035
				I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION HARRINGTON HAMILTON AP34829211A

YEAR: 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/26/16	2067		2067	CHANGE OIL & FILTER CH48110-1 SERVICED WITH 7QTS AEROSITOL 400 OIL. RUN FOR LEAK CHECK OK. 17.1 hours 3482921 AP
12	N7346E	12/12/2016	TACH: 2100.6	CHANGE OIL & FILTER CH48110-1 SERVICED WITH 7QTS W100 AEROSITOL. RUN LEAK CHECK OK. 17.1 hours 3482921 AP
4				OK OK

YEAR: 2017	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 2017	2140.9		2140.9	ACFT TOTAL TIME: 4179.8, CLEAN AND
				GAPPED ALL SPARK PLUGS, CHECK AND LUBED ALL CONTROLS
				REPLACED INTAKE FILTER BA6108, COMPRESSION READINGS
	#1 70/80 #2 72/80 #3 75/80 #4 74/80			TOOKED UP PROP.
				THIS INSPECTION AND ROUTINE MAINTENANCE
				PERFORMED IAW CESSNA 172N SERVICE MANUAL.
				Heck Air, Inc.
				1447 General Aviation Drive
				Hangar A
				Melbourne, FL 32935
				W/O 17034
				"I CERTIFY THAT THIS ENGINE ENGINE HAS BEEN INSPECTED IN
				ACCORDANCE WITH
				REPAIR APPROVAL
				INSPECTION AND WAS DETERMINED
				TO BE IN AIRWORTHY CONDITION
				HARRINGTON HAMILTON
				AP313211A

TACH:
AND
LED
. Run
nl to
921 IA

YEAR: 2017 DATE	RECORDING TACH TIME ENG Total	TODAY'S FLIGHT	TOTAL TIME IN SERVICE ACFT	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/2 2017	2161.3		4200.2	CHANGE OIL: FILTER CH48110-1 SERVICED WITH 7qts WIND AEROSITOL. R: R BOTH MAGS FOR 500 HR INSPECTION BY CHALE MAGNETO W/ 103080 (BOTH) TIME 250 BTC RUN FOR OPS 1 hour 1 min 1 sec 14.1 hours 1/23/2018 N734GE TACH: 2193.00 CHANGE OIL: FILTER CH48110-1 SERVICED WITH 7qts AEROSITOL 100. RUN FOR OPS CHECK LEAK CHECK OK 14.1 hours 3482921 FA
				14.1 hours 3482921 FA

67.9

YEAR:

2018

DATE _____

575

2018

 $\frac{5}{12}$

over 1 hr.

**RECORDING
TACH
TIME**

TOTAL

2208.8

RL 34814-36A

TODAY'S FLIGHT

**TOTAL
TIME IN
SERVICE**

ACFT

44

2710

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

TACH: 2208.8 THIS ENGINE 0360-A4M
REMOVED FROM ACFT N7346E FOR

H. Hamilton

1d. 1 ton lt

3482921 FA

END

Los Boole

See AA LOG # 3



ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N734GE

Engine Manufacturer LYCOMING

Model O360 A4m

Serial No. RL-34814-36A

Date installed on aircraft AUG 20, 2018 T.T. 2208.8
TIME SINCE OH. "O"

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

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

(All applicable information must be filled in)



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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
------	-----------------------	---------------------------	------------------------------	---

LYCOMING O-360-A4M

TACH: 2288.81 '0' SINCE OVERHAUL TOTAL TIME = 2288.81
2208.76 SN RL-34814-36A JULY 30, 2018

This engine was disassembled, cleaned and inspected for overhaul using reference data provided for within the LYCOMING OVERHAUL MANUAL and TABLE OF LIMITS, PN 60294-7, effective date 07/01/11. All steel parts were cleaned, visually, dimensionally and magnetic particle inspected by POWER/AVIATION on WO#718909. The crankshaft, PN 13B27134, SN V29675, was cleaned, visually, dimensionally, magnetic particle inspected, inspected reference SB475C and overhauled by D&S CAM CORP. WO#15583. AIRCRAFT SPECIALTIES SERVICES cleaned, visually, dimensionally, magnetic particle inspected, re-bushed, sized and overhauled the connecting rods in accordance with SB439 and SB632, and cleaned, visually, dimensionally, magnetic particle inspected the crankshaft gear reference SB475C on WO#249275. The crankshaft gear was installed in modified condition with new bolt, lock, torqued to 204 inch lbs. and lock tab bent using SB475C para. 6, as reference data with parts provided within LYCOMING kit PN 05K19985. The camshaft, lifters, lifter bodies and sockets were supplied by LYCOMING, WO#159296/4939287 with parts provided within kit, PN 05K29046. The crankcase was cleaned, visually, dimensionally, liquid penetrant inspected and overhauled by DIVCO MFG. INC. WO#121906/122363. The cylinders were supplied in new condition by LYCOMING WO#156807/4920173, SN's 29217X07, 30417B01, 30517X11 and 31017X11. The following parts were installed:

2 ea SL13884 main bearings	8 ea LW11795 spring	4 ea 17A23938 intake valve
8 ea SL13521A rod bearings	8 ea LW11800 spring	4 ea 17B23936 intake valve
4 ea SL16711A main bearings	4 ea MS-13998-3 caps	1 ea MS-16625-2081 clip
8 ea SL12186 rod nuts	8 ea 60009 keys	4 ea 14H21950 rings
8 ea SL75061 rod bolts	4 ea SL13790A rocker shafts	8 ea 74241 rings
1 ea LW-STD-2246 bolt	8 ea SL12892 rocker shaft plugs	4 ea SL77611 ex-gaskets
1 ea LW18369 tab	1 ea LW13792 seal	24 ea STD-1925 screws
1 ea 06A19956 seal	1 ea SL68759 line	8 ea SL74637 bushings
1 ea LW18667 pin	1 ea SL68760 line	4 ea LW14995 springs
1 ea LW14260 seal	2 ea SL63761 lines	4 ea SLR75906-S gasket
1 ea 78531 oil pump	1 ea SL1028-B ball	4 ea LW12272 lock plates
1 ea LW18109 oil pump gear	2 ea SL75339 baffles	2 ea SL71610 hooks
1 ea LW18110 oil pump gear	4 ea 69603A hoses	2 ea SL71611 plates
1 ea 61174 drive	8 ea 72198 plug	2 ea AEL74966 idler gear
4 ea LW-14078 pins	1 ea SL61084 spring	8 ea REM-38E spark plugs
4 ea 14D23912 pistons	1 ea 4370 magneto	1 ea MA001 harness
1 ea 4371 magneto	1 ea LW-12795 gasket	1 ea 05K29046 camshaft kit
8 ea 15B26262 lifter body	8 ea 15B26066 lifter	1 ea CH-48110-1 filter
1 ea LW18840 camshaft	1 ea 05K19985 crank bolt kit	8 ea 15B21319 socket
1 ea SL53E19600 valve SN 53407	4 ea 76220 thru- stud	4 ea 05K21104 cylinder kits
1 ea MS35962-10 castle nut	4 ea SL-STD 1821 hose	1 ea SL75439-1 gasket set
16 ea SL383B cylinder nut	18 ea SL-STD2090 cylinder nut	1 ea 149NL starter
3 ea STD1858 bolts	4 ea 61247 valve cover	1 ea 72566 gear
3 ea STD2249 castle nut		

This engine was reassembled using reference data provided for within the LYCOMING OVERHAUL MANUAL and TABLE OF LIMITS, PN 60294-7, effective date 07/01/11, and PC 306-A4M, effective date 11/01/12. A new set of CHAMPION magnetos were installed, SN 1711812 (LH) and 17020546 (RH). A new set of CHAMPION ignition harnesses and CHAMPION spark plugs were installed. The carburetor, PN 10-5193 SN MS004L01, was supplied in overhauled condition by MARVEL SCHEBLER AIRCRAFT CARBURETORS, LLC. WO#004L. The starter, SN H-S062087, was installed in new condition by HARTZELL ENGINE TECHNOLOGIES, WO# M347340, and fitted to new support assembly ring gear. Engine serviced with 7 quarts of AEROSHELL 100 and installed on test stand. Engine operated for approx. 1 hour. All temps and pressures monitored were normal. Oil filter removed and inspected. No discrepancies noted at this time. New filter, PN CH48110-1, installed and saftied. Engine is ready for installation of remaining overhauled or new accessories and test run per SI 1427C by certificated individual returning this engine to service. The following SB's were complied with: 201F, 222D, 238, 240W, 271A, 293B, 301B, 370, 388C, 400, 439A, 466, 475C, 477A, 501B, 518C, 519, 520, 524, 527, 533B, 540, 555A, 578, 582A, 583, 584B, 603, 603-1 and 632. The following AD's were complied with:

AD#

63-22-03	N/A due to single piece venturi installed MSC LLC. WO#004L
66-20-04	Installed LW-12795 gasket
67-01-04	N/A due to CHAMPION filter CH48110-1 installed
69-24-03	N/A due to carburetor SN MS004L01 and PN 10-5193
75-08-09 R3	CW installed 61174 drive and 18109 and 18110 gears in single piece housing reference SB385
80-06-05	N/A due to magneto PN 4371
81-16-05	N/A due to magneto PN 4371 and 4370 with SN's 17110812 and 17020546
87-10-06 R1	CW visually, dimensionally, magnetic particle inspected and re bushed rocker arm assemblies reference SB477
89-04-02	N/A due to SN of carburetor, MS004L01
90-04-06 R1	N/A due to fixed pitch application and engine model
92-12-05	CW installed LW-14078 pin reference SB501B
95-07-01	N/A due to installation of SL-75061 rod bolts
95-26-02	100LL octane
96-09-10C	CW installed 18109 and 18110 gears reference SB524
97-15-11	CW installed LW-14078 pins marked 71238/26022 and 26426, reference SB527C
98-02-08	N/A due to engine model and solid core crankshaft
98-17-11C	N/A - crankshaft -NOT- OH'd by Nelson Balancing
2004-10-14C	CW Crankshaft inspected, gear installed w/new bolt, torqued 204 in. lbs and locked reference SB475C para. 6
2006-10-21	N/A Installed LW-11750 connecting rods -NOT- AEL11750
2006-12-07	N/A Installed LYCOMING cylinder kits in new condition PN05K21104 -NOT- ECI
2007-04-19R1	N/A Installed new LYCOMING cylinders LW-12427/05K21104 -NOT- SAP
2009-26-12	N/A Installed new LYCOMING cylinders LW-12427/05K21104 -NOT- ECI
2012-03-07	N/A due to carburetor model MA4-5, PN 10-5193
2012-19-01	N/A due engine model (A4M), date of crankshaft manufacture and SN of crankshaft, V29675, reference MSB569A
2017-16-11	N/A due to installation of SL13923 bushing by ASSI WO#249275

(END)

Michael L. Gebarth
Michael L. Gebarth P3472883

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
	2208.9	"0"	2208.9	TOTALS brought forward from previous page
AUG 20 2018	2208.9	"0"	2208.9	ACFT TOTAL: 4247.7. REINSTALLED THIS ENGINE DB60-A4m S/N RL-34814-36A IN AIRCRAFT N73866. INSTALLED USING NEW LORA MOUNTS P/N J9613-49. REPLACED ALL BAFFLES WITH AIRFORMS KIT C172-77795 BRBK. VACUUM PUMP P/N RAP215CC (NEW) REPLACED SIN A67322 REPLACED LH AFT RISER WITH NEW P/N A9954100-5 SIN 65768 REPLACED MUFFLER WITH NEW P/N K1754001-21 SIN 364140 USING ALL NEW CLAMPS AND HARDWARE. CHECKED AND LUBE ALL CONTROLS. MIXTURE 25RPM RISE IDLE 600 RPM. RUN FOR OPS LEAK CHECK OK. ALL SYSTEMS NORMAL. *MINERAL OIL INSTALLED*
	Heck Air, Inc 1447 General Aviation Dr. Hangar A Melbourne FL. 32935			"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION" HARRINGTON HAMILTON <u>H. Hamilton</u> AF302301A
AUG 20 2018	2208.9		2208.9	TEST FLOW ACFT PER FAR 91.407b. SYSTEMS NORMAL
12/7 2018	2219.3	10.5	2219.3	CHANGE OIL & FILTER CH48110-1 SERVICED WITH 7qts AERO 100 MINERAL OIL. CLEAN & CHECK SUCTION SCREEN OK RUN FOR LOW CHECK OK H. Hamilton 3482921 FA
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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
2/10/19	2229.7	20.9	2229.7	TOTALS brought forward from previous page
4 JAN 2019	2229.7	20.9	2229.7	R/R EXHAUST TO WELD #3 CYL EXHAUST STACK. REINSTALLED USING ALL NEW GASKETS 41A 77611 RUN FOR OPS ✓ OK. COMPRESSION: H1 74% H2 74% H3 75% H4 74% ————— ID. Harbo
				3482921 FA
1/11/2019	2232.2	23.4	2232.2	REPLACED #2 EXHAUST RISER PIN K1754009-3 S/N 263748/PQ4207 USING NEW GASKET 77611 + HARDWARE ID. I Harbo
				3482921 FA
1/19/2019	2237.1	28.3	2237.1	REPLACED #2 CYLINDER WITH NEW OSK 21104 CYLINDER KIT. W/0159939/4954805 TRACKING# MS505347 USING ALL NEW SEALS & GASKETS RUN FOR OPS/LEAK CHECK OK ————— ID. I Harbo
				CYLINDER REPLACED OIL BLOWING 3482921 FA OUT OF EXHAUST STACK & PUFFING SMOKE AT SHUT DOWN
				Heck Air, Inc 1447 General Aviation Dr. Hangar A Melbourne FL. 32935
2/28/2019				N734GE TACH: 2252.3 2/12/2019 CHANGE OIL AND FILTER CHARGE— CHECKED SUCTION SCREEN OIL SERVICES WITH 70TC Aeroshell W100. LEAK CHECK OK H2 ROCKER ARM PIN 19357 ID. Harbo 3482921 AP
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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
N 7346 5/17/2019	TACH: 2284			MAINTENANCE RELEASE: ☒ SERVICEABLE PARTS TAG ☒ repaired as necessary ☐ overhauled per applicable Manual This magneto was tested in accordance with Federal Aviation Administration Regulations. Approved for return to service. All parts on work order # <u>3651</u> On record at Eagle Magneto Inc. Manufacturer <u>Pendix/TCM</u> ☒ Slick/Champion Model <u>4371</u> Serial Number <u>17110812</u> Part Number <u> </u> Notes: <u>SH 561-19</u> See AD compliance record dated <u> </u> Signed <u>H. Hark</u> Cert# <u>MR 268217</u> Date <u>07-24-19</u> Eagle Magneto Inc. 404 United Drive New Smyrna Beach, FL 32168 Office 386-410-4710 Cell 386-235-3152 www.eaglemagneto.com

7/25 2019 2316.7 107.9 2316.7 CHANGE OIL - FILTER CH48110-1
SERVICED WITH 7qts AEROSHELL W100. R & R BOTH MAGNETOS
FOR INSPECTION BY EAGLE MAGNETO W/0 3651 FOR COMPLIANCE
WITH L/MAG IMPULSE COUPLING SB1-19. STOP PIN MEASUREMENT
.125. L-4371 S/N 17110812. SB1-15A IS NON APPLICABLE
ON BOTH MAGNETS BY S/N (NO FURTHER ACTION REQUIRED)
H. Hark
3482921 JA

SEP 7 2019 2332.2 123.4 2332.2 * NO OIL CHANGE * REPLACED INTAKE
FILTER BA6108. CLEANED AND GAPPED ALL SPARK PLUGS. CLEANED
FUEL FILTER. TOUCHED UP PROPELLER. CHECKED AND LUBED
ALL CONTROLS... COMPRESSION: H1 76/80 H2 79/80 H3 75/80 H4 79/80
THIS INSPECTION AND ROUTINE MAINTENANCE PERFORMED
IAW C172N SERVICE MANUAL AND LYCOMING MANUAL 60294-7-4

Heck Air, Inc
1447 General Aviation Dr.
Hangar A
Melbourne FL. 32935

"I CERTIFY THAT THIS AIRCRAFT
ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH
ANNUAL
INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION"
HARRINGTON HAMILTON

11/5/2019 N 7346E TACH:
2351.1 CHANGE OIL - FILTER
CH48110-1. SERVICED WITH 7qts
AEROSHELL W100 LEAK CHECK
H. Hark
3482921 JA

AP3482921JA

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DATE	TOTAL HRS IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9/1	2529.9	321.10	2529A	TOTALS brought forward from previous page W/O 1142
1 OCT 2021	2539.9	321.10	2529A	CHANGE OIL & FILTER CH 48110-1 SERVICED WITH 7qts AEROSHELL 100, CHECKED FILTER AND SUMP SCREEN OK COMPRESSION H1 74k H2 76k H3 73k H4 72k *OIL SAMPLE TAKEN * REPLACED BA6108, CLEAN AND GAP ALL SPARK PLUGS, REPAIRED L/F FRONT ENGINE Baffle CHECKED AND LUBED ALL CONTROLS. THIS INSPECTION AND ROUTINE MAINTENANCE PERFORMED IAW CESSNA 172N MANUAL D.2065-3-13(R6L)-200-10/00 AND LYCOMING MANUAL 60294-7-4
				"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON <i>[Signature]</i> AP34629211A
17 MAR 2022	2572		25720	OIL CHG + FILTER CH 48110 7qts AEROSHOCK W/D OPS OK GOOD. A. Tray 3324095
10/27 2022	2619.1	410.3	2619.1	CHANGE OIL & FILTER CH 48110-1 SERVICED WITH 7qts AEROSHOCK W/D. CHECKED FILTER & SUCTION SCREEN (CLEAN) REPLACED INTAKE FILTER RA6108, COMPRESSION: H1 74k H2 74k H3 74k H4 74k, CHECKED MAG TIMING 25° BTDC. CLEAN AND GAP ALL SPARK PLUGS CHECKED AND LUBED ALL CONTROLS. THIS INSPECTION AND ROUTINE MAINT. PERFORMED IAW CESSNA MANUAL D 2065-3-13 (R6L)-200-10/00 AND LYCOMING MANUAL 60294-7-4
				"I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"
				HARRINGTON HAMILTON <i>[Signature]</i> AP34629211A
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HECK & AIR, INC.

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Melbourne, FL 32935**

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No. 18022

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