

MASTER ENGINE BUILDERS



ENGINE LOG

F.A.A. Certified Repair Station MW2R020L

"Quality not Quantity"

The subject aircraft was involved in an incident /
accident on 9/1/2024 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 8178283239US.

Signed: ***Underwriters Salvage Company***

Date: **12/2/2024**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

Date	TACH	TTSN	Performed Work: Must include signature
Engine Logbook Entry			
N30853 Date 07/07/2023 Tach 2894.66 2694.66 Hobbs 2204.2 TT 2894.66 TSMOH 0			
Inspection 1: Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) (using Lycoming manual as a guide)			
AD Compliance 1: Research all AD notes (no new or recurring AD notes at this time) 2: AD compliance sheets in folder with these records			
Work 1: Install engine O-360-A1F6 S/N L-15292-36A IAW with Cessna service manual D841-8-13 2: Repair and powder coat all baffling, 3: Replace all cowl seal with CS085 McFarlane cowl saver 4: Replace all fluid lines meeting TSO C53A type D 5: Replace oil cooler with new P/N: HC8001703 6: Install B&C oil filter adapter kit P/N BC700-1 Kit mIAW STC SA 7: Service engine with Aeroshell 100 (mineral oil) run check for leaks and ground performance. I certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition. James A. Goetsch 3469278			
Engine Logbook Entry			
N30853 07 AUG 2023 Tach: 2731.06			
1. Drain Engine oil & remove filter, cut open to inspect for contamination. No contamination found at this time.			
2. Serviced Engine oil with 6.5qts of Phillips 20W50XC, & install NEW oil filter P/N: AA48108.			
3. Run, and check for leaks. No leaks found at this time.			
4. Work above performed in reference with current AMM			
This Aircraft/Engine airworthy in respect to work performed.			
Dustin A. King 4252801AP			
Engine Logbook Entry			
N30853 24 Nov 2023 Tach: 2823.93			
1: Change oil and filter, cut and inspect filter (Phillips 20W50XC, CH48109, Cam-Guard). Perform leak check with no discrepencies noted at this time. Refer to current AMM for work performed. Next oil change due at 2873.93			
This engine is in airworthy condition in respect to work performed.			
Dustin A. King 4252801AP			

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

Date	TACH	TTSN	Performed Work: Must include signature, certificate number, and repair station number if applicable
Engine Logbook Entry			
N30853 01 APR 2024 Tach: 2874.34			
1. Drain Engine oil & remove filter, cut open to inspect for contamination. No contamination found at this time.			
2. Serviced Engine oil with 6.5 qts of Phillips 20W50XC, Cam-guard & Install NEW oil filter P/N: AA48108.			
3. Run engine and check for leaks. No leaks noted.			
4. Work above performed referring to the current AMM Ch. 2-21 for work performed.			
This Engine/Airframe is airworthy in respect to work performed.			
Dustin A. King 4252801AP			
Engine Logbook Entry			
N30853 Date 08/16/2024 Tach 22969.9 Hobbs 2543.9 TT 2969.9 TSMOH 0			
Inspection 1: Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) (using Lycoming manual as a guide)			
AD Compliance 1: Research all AD notes (no new or recurring AD notes at this time) 2: AD compliance sheets in folder with these records			
Work 1: Repair baffling, (right front at alternator) 2: Replace vacuum pump drive seal P/N 06A19956 3: Clean and gap plugs 4: Compression #1 80/80, #2 79/80, #3 78/80, #4 77/80 5: Inspect all cylinders with bore-scope and found all to be in good condition 6: Adjusted propeller governor high speed stop 7: Replaced and sewaled dipstick tube gasket 8: Pressure tested muffler (found no leaks) Installed all new gaskets P/N RG-72059			
I certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition. James A. Goetsch 3469278			

G&N Aircraft Recommended oil after break in: Any approved straight weight AD oil of a viscosity respective of operating outside air temperature, i.e. Grade 65W through 100W.

This is to certify that the engine described hereafter has been overhauled to the manufacturer's new parts limits. Engine disassembled, cleaned, inspected, and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance as of the date of overhaul.

A description is on file at this agency under:

Job No. 74759

Date 11/08/2022

Mfg. Lycoming

Model O-360-A1F6

Serial No. L-15292-36A

Time in Svc. 2694.52



G&N Aircraft, Inc.

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

Randal S. Stewart
Authorized Signature

C.R.S. # MW 2R020L

The Accessories Listed Below Were Overhauled and Supplied With This Engine

Engine O-360-A1F6

SN L-15292-36A

DATE 11/08/22

	Part Number	Serial Number
MAG.	<u>10-349365-3</u>	<u>F22KGN01</u>
MAG	<u>10-349305-1</u>	<u>F22KGN02</u>
ALT./GEN	<u>NONE</u>	
INJ./CARB.	<u>10-5034</u>	<u>BU-0-328</u>
FUEL PUMP	<u>AF15472</u>	<u>OMLB27</u>
STARTER	<u>149NL</u>	<u>H-W092371</u>
VAC. PUMP	<u>NONE</u>	
DIS. VALVE	<u>NONE</u>	

	Part Number	Serial Number
PROPELLER		<u>NONE</u>
PROP. GOV		<u>NONE</u>
TACH. GEN.		<u>NONE</u>
TURBO CHARGER		<u>NONE</u>
WASTE GATE		<u>NONE</u>
CONTROLLER		<u>NONE</u>
CONTROLLER		<u>NONE</u>
REL. VALVE		<u>NONE</u>

W.O.# 74759



G&N Aircraft, Inc.

1701 E. Main St.
Griffith, IN 46319
(219) 924-7110

Randal S. Stewart
Authorized Signature

C.R.S. # MW 2R020L

Engine Logbook
N30853
Lycoming
O-360-A1F6
S/N L15292-36A

Engine Logbook Entry

N30853

Date 04/24/2019

Tach 2342.0

Tach 2342.0
Change oil clean screen, check for leaks (Phillips 20W50XC, Cam-Guard) Clean gap and rotate spark plugs.

James A. Goetsch, 3469278AP

27 MAR 19	2394.1	CHANGE OIL & CLEAN SCREEN/ ✓ FOR LEAKS PHILLIPS 200W/50 CLEAN & GAP PLUGS & ROTATED Dave Ruff
24 JUL 19	2451.51	CHANGE OIL & CLEAN SCREEN/ ✓ FOR LEAKS PHILLIPS 200W/50 & RPM GUARD Dave Ruff
11 DEC 2019	2505.00	CHANGE OIL @ CLEAN SCREEN ✓ FOR LEAKS PHILLIPS 200W/50 & CAM GUARD Dave Ruff

Engine Logbook Entry

N30853

Date 06/05/2020

Tach 2537.42

TT 2537.42

1: Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) (using Lycoming manual as a guide)
 1: Research all AD notes (no new or recurring AD notes at this time)
 2: AD compliance sheets in folder with these records

- 1: Clean and gap plugs replace 4 plugs REM 32.
- 2: Remove cylinder # 3. Replace exhaust guide grind seats and valves hone and replace rings.,
- 3: Check and synchronize timing.
- 4: Compression #1 66/80, #2 73/80, #3 73/80 #4 75/80
- 5: Remove clean and reinstall coarse oil screen
- 6: Change oil clean fine screen (Phillips 15W50XC, Cam-Guard).
- 7: Run check for leaks and performance

I certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition.
James A. Goetsch 3469278

Engine Logbook Entry

N30853

Date 08/18/2020

Tach 2595.85

Hobbs 2098.4

- 1: Change oil inspect and clean screen (Phillips 20W50XC, Cam-Guard)
- 2: Run and check for leaks

This engine is in airworthy condition in respect to work performed
Dustin A. King 4252801AP

[illegible]

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
				TOTAL brought forward from previous page
8/9/17	1920.2		1920.2	Changed oil, checked screen, Phillips 20W50 + Camguard cleaned screen, ran + checked for leaks Ray Ratliff CP 3495907

N30853

Date 09/21/2017

Tach 1964.73

Change oil clean and inspect screen, check for leaks (Phillips 20W50XC, Cam-Guard) Replace Vacuum Pump drive seal P/N CR8478
James A. Goesch 3469278

Engine Logbook Entry

2/2/18	2022.3		2022.3	Changed oil, checked screen, Phillips 20W50 + Camguard cleaned screen, ran + checked for leaks Ray Ratliff CP 3495907
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N30853

Date 02/02/2018

Tach 2022.3

TT 2022.3

Engine Logbook Entry

1: Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) (using Lycoming manual as a guide)

Inspection

1: Research all AD notes (no new or recurring AD notes at this time)
2: AD compliance sheets in folder with these records

AD Compliance

1: Clean and gap plugs,
2: Check and synchronize timing.
3: Compression #1 66/80, #2 73/80, #3 73/80 #4 75/80
4: Change oil (Phillips 15W50XC, Cam-Guard).
3: Run check for leaks and performance

Work

I certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition.
James A. Goesch 3469278

10MAY18	2077.3		2077.3	CHANGED OIL + CLEANED SCREEN / PHILLIPS 20W50 + CAMGUARD / RAN + CHECKED FOR LEAKS / David Ratliff
				SUB- TOTALS this page
				TOTAL -- Carry forward to next page

Engine Logbook Entry

N30853

Date 07/19/2018

Tach 2026.05

Change oil clean screen, check for leaks (Phillips 20W50XC, Cam-Guard) Clean gap and rotate spark plugs.
James A. Goesch 3469278AP

8/30	2177.3			CHANGED OIL + CLEAN SCREEN / V FOR LEAKS PHILLIPS 20W50 + CLEAN + GAP PLUGS David Ratliff
11/2/18	2234.1			CHANGED OIL + CLEANED SCREEN, RAN + CHECKED FOR LEAKS PHILLIPS 20W50 + CAM GUARD Ray Ratliff CP 3495907

Engine Logbook Entry

N30853

Date 02/01/2019

Tach 2287.0

Hobbs 1766.1

1: Change oil clean and inspect screen (20W50XC Phillips, Cam-Guard)
2: Run engine check for leaks.

James A. Goesch 3469278 AP

Engine Logbook Entry

N30853

Date 03/21/2019

Tach 2306.0

Hobbs 1789.0

TT 2306.0

Inspection

1: Inspect Engine in accordance with FAR 43, Appendix D (Annual Inspection) using Lycoming manual as a guide.
2: Inspect all cylinders with borescope (no discrepancies found)

AD Compliance

1: Research all AD notes (using T data)
2 No new or recurring AD notes at this time.

Work Performed

1: Check compression #1 60/80, #2 72/80, #3 72/80, #4 72/80
2 Clean and gap spark plugs
3: Remove carburetor air box for repair and reinstall.
4: Check and set timing
5: Run engine check performance and for leaks

I Certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition.

James A. Goesch 3469278 AP-IA

Engine Logbook Entry

N30853

Date 08/01/2013

Tach 1065.6

TT 1065.6

Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) Research all AD notes, AD compliance sheets in folder with these records. Change oil inspected and cleaned both screens (Phillips 20W50XC) Clean and gap plugs, remove magnetos inspect adjust points and reinstall. Check and synchronize timing. Compression #1 70/80, #2 74/80, #3 72/80 #4 75/80.

I certify that I have inspected this engine and find it to be in airworthy condition.

James A. Goetsch 3469278



10/17/13	1114.4			Changed oil, cleaned screen, Phillips 20W50 + CamGuard Ran + checked for leaks Ray Ratliff CP3495907
2/22/14	1166.05			Changed oil, cleaned screen, Phillips 20W50 + CamGuard Ran + checked for leaks Ray Ratliff CP3495907
7/02/14	1207.0			Changed oil, cleaned screen, Phillips 20W50 + CamGuard Ran + checked for leaks Ray Ratliff CP3495907
8/11/14	1269.5			Changed oil, cleaned screen, Phillips 20W50 + CamGuard Ran + checked for leaks Ray Ratliff CP3495907

Engine Logbook Entry

N30853

Date 09/02/2014

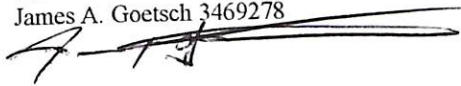
Tach 1285.32

TT 1285.32

Inspect engine in accordance with FAR 43, Appendix D (Annual Inspection) Research all AD notes, AD compliance sheets in folder with these records Clean and gap plugs, Check and synchronize timing. Compression #1 74/80, #2 74/80, #3 74/80 #4 75/80. Run check for leaks and performance

I certify that I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition.

James A. Goetsch 3469278



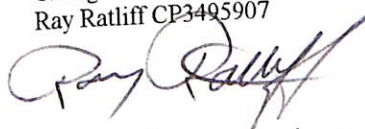
Engine Logbook Entry

N30853

Date 10/15/2014

Tach 1322.73

Change oil clean and inspect screen, check for leaks (Phillips 20W50XC, Cam-Guard)
Ray Ratliff CP3495907



SUB- TOTALS this page

TOTAL -- Carry forward to next page

*Mail to Monticello arato
PO 168
Monticello Iowa 523 10*

Cessna[®]



ENGINE
AND PROPELLER LOG

N 30853 SERIAL NO. L-15292-36A

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-	19-	2004		TACH 1064.4 TOTAL 1064.4		
				ANNUAL INSPECTION - COMPRESSION CK #1 72/80 #2 77/80		
		#3 76/80		#4 74/80 DRAINED OIL AND CLEANED OIL		
		SCREEN, REPLACED OIL WITH				
		PAILLIPS 20W50 X/C,		Tach 1064.4 hrs	Total time 1064.4 hrs	
		CLEANED AND TESTED ALL		I certify this ENGINE	has been inspected	
		SPARK PLUGS, SEE SEPARATE		in accordance with a	ANNUAL inspection and	
		FOLDER FOR AD COMPLIANCE		was determined to be in airworthy condition. Details	are on file. Work order No. 202785	Date 11-19-04
		RECORDS, REPLACE GASKET		Signed <i>David E. Hill</i>	Shop Inspector!	
		AT #3 ROCKER BOX.		CARVER AERO, INC.		
				Municipal Airport		
				Davenport, IA 52804		
				FAA Approved Repair Station No. VRXR118L		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-18-99	Tach 1043.9	Total 1043.9	Prop TT 11043.9	Annual Inspection		
				Inspected Engine and Propeller I/A/W Standardized Inspection Form. Compression CK #1 24/80 #2 25/80 #3 26/80 #4 25/80 C/W AD 96-09-10C by replacing oil Pump Impellers, drive shaft and Housing Kit # SL18109AS. Reinstalled Accessory Gear Case and reinstalled all Accessories. Operational CK OK. Leak CK OK. See AD List for AD Compliance.		
				Tach 1043.9 hrs. Total time 1043.9 hrs.		
				I certify this Engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. Details are on file. Work order No. 200381 Date 10-18-99		
				Signed Matt J. Van Fleet Shop Inspector		
				CARVER AERO, INC.		
				Municipal Airport		
				Davenport, IA 52804		
				FAA Approved Repair Station No. VRXR118L		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-18-99	Tach 1043.9	Total 1043.9	Prop TT 11043.9	Annual Inspection		
				Inspected Engine and Propeller I/A/W Standardized Inspection Form. Compression CK #1 24/80 #2 25/80 #3 26/80 #4 25/80 C/W AD 96-09-10C by replacing oil Pump Impellers, drive shaft and Housing Kit # SL18109AS. Reinstalled Accessory Gear Case and reinstalled all Accessories. Operational CK OK. Leak CK OK. See AD List for AD Compliance.		
				Tach 1043.9 hrs. Total time 1043.9 hrs.		
				I certify this Propeller has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. Details are on file. Work order No. 200381 Date 10-18-99		
				Signed Matt J. Van Fleet Shop Inspector		
				CARVER AERO, INC.		
				Municipal Airport		
				Davenport, IA 52804		
				FAA Approved Repair Station No. VRXR118L		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
aero duct from rear baffle to fuel strainer replaced. AD 90-04-06 R1 (5-28-91) installed new steel fitting in C/C nose and a new oil line with steel B-nuts. Secured line per AD. Replaced flexible fuel hoses on the engine except for fuel pressure gauge line which was previously replaced with 701 hose. This satisfies requirements of repl. of 601 type hose with 701 type hose per Aeroquip hose SB AA1350. Re-installed prop 2D34C202 SN 702396 after inspection and re-seal by A/C Propeller Service - see release tag & w.o. 46852 (this is not an overhaul). Washed down engine, lubed controls & run up for an operational check of systems. See updated AD file.						
					I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
					TACH HOURS <u>1002</u>	
					DATE <u>8-4-94</u> W.O. NO. <u>8743</u>	
					BY <u>Gary Bollman</u>	
MONTICELLO AVIATION, INC. MUNICIPAL AIRPORT, MONTICELLO, ID						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
8-7-96	Tach	1016.8		Installed overhauled exchange vacuum pump Airborne model 211CC serial DK4231. Test run and checked vacuum and operation of agros. See release materials. Brian Ostrom A+P 483081983		
9-16-99	Tach	1043.3		Charged oil and test cleaned oil screen - Phillips 20W50x6. Brian Ostrom CRS K02R859K		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Washed down engine, lubed controls and made engine run up test. See AD file.		
				I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
				TACH HOURS 901 901 TT prop + engine		
				DATE 5-10-89 W.C. NO. 7365		
				BY Gary Bohlsen		
				MONTICELLO AVIATION, INC. MUNICIPAL AIRPORT, MONTICELLO, IA FAA CERTIFIED REPAIR STATION #30432		
11-29-89	Tach 930			Changed oil - Aero Shell 65W (SAE30). Installed new air duct to carb heat box from exhaust shroud.		
				This engine is approved for return to service.		
				Gary Bohlsen CRS K62R959K Monticello, Ia.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
9-	7-90			TACH 955.5 REPLACED COIL, CONDENSER, AND POINTS IN LA MAG. CARVER AERO W/O # 0626 David E. Hill 7A479620304		
8-4-94	Tach 1002			Total time PROP TT 1002 "0" since re-seal Checked compression: #1- #3- #2- #4- Cleaned + gapped plugs. Checked mag points and timing. AD 94-01-03 (3-3-94) left mag S4LN 1227 SN A03684 has proper coil + rotor. Rt. mag S4LN 1209 SN 1037189 had an affected coil. Installed a new coil per TCM/Bendix OH Manual. Replaced flange gasket and re-timed to engine. Checked exhaust gaskets, collectors + mufflers. Checked induction system - cleaned air filter. Changed oil + cleaned oil screen - no metal noted. Serviced with Phillips KC20W50. Checked starter. Removed alternator and installed new field brushes. Re-install alternator + adjust belt tension. Checked engine controls, lines, hoses, air duct and baffles. Replaced		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOths				
7/1/86	186			Tach 785-Ren. Change oil. Phillips 20W50 XCT II See 337 for STC approval (58-58195W) Clean oil screen & air filter. Motor compression check #1 $\frac{75}{80}$ #2 $\frac{78}{80}$ #3 $\frac{78}{80}$ #4 $\frac{76}{80}$. Check & gap spark plugs. Check mag points & timing - Check exhaust system & installation. Check engine mfr. Main carb bowl as per AD 69-24-3. Check Bendix switch as per AD 76-07-12. Repair rubber bellows as needed. Replace carb intg & dyes as needed. Install new hinges on carb bowl flap & new carb flap mount. Rep lock down meter Bendix unit. Repair crack in lower engine cowling with fiberglass. Check engine controls & lubricate. Wash down engine & run up.			
I CERTIFY THAT THIS LOG IS CORRECT AND IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FEDERAL AVIATION ADMINISTRATION. TACH HOURS <u>785</u> DATE <u>7/1/86</u> A.O. NO. <u>6819</u>							

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

MONTICELLO AVIATION, INC.
PO BOX 1000 MONTICELLO, ID 83856

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOths				
5-10-89	89			Tach 901 + TT 901 Prop TT-901 Checked compression: #1-77/80, #3-75/80 #2-75/80, #4-75/80. Checked + gapped plugs . Checked mageto points. Removed left mag and checked impulse per AD 78-09-07 R3 (147-83) + SB 599B + found cam out of limits. Install new impulse cam per Bendix OH Manual #L-645-1. Replaced both mag flange gaskets + re-timed to engine. Checked exhaust gaskets, collectors + muffler. Replaced cabin heat air duct + carb. heat air duct. Install 8 new REM 38E plugs. Install new ignition leads from left mag to #2 + #4 cyl. bottom plugs. Checked induction system - cleaned air filter + changed gasket on #3 cyl. Checked starter, alternator installation + belt. Lubed starter bendix. Checked engine controls, lines + mounts. Replaced nuts in carb air box flange. Replaced left carb flap attach shock mount. Pressure checked fuel hoses + replaced fuel pressure hose from carb to firewall. AD 86-24-07 (1-7-87) install bolts + nuts on prop + Throttle rod ends per SE 79-6. Checked prop blades, hub + spinner + painted face of blades. AD 72-06-05 R2 (1-7-83) carb serial #B4-0-328 is in compliance with paragraph 1+2. Changed oil - Aero Shell 50W and cleaned oil screen. Performed 400-hour valve inspection + replaced all rocker cover gaskets.			

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ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
6-18-85	Tach 720			Changed oil - Aero Shell 50W - Installed new oil seal & adapter gaskets on vacuum pump adapter. Run up & checked for leaks.	Gary Bohannon CRS 30P-32 Monticello, Ia	
10-10-85	TACH 763			Changed oil using 7 quarts Phillips 20W 50. Cleaned oil screen. Worked over engine.	Robert J Brown A&P 404 601335	

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ENGINE LOG

DATE		DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19			HOURS	10THS			
6/16/82		TAOT	5	74	TT 574 DID COMPRESSION CHECK #1 79/80 #2 78/80 #3 79/80		
#4 74/80					CHECK ALL HOSES, FUEL LINE, AND ELECTRICAL WIRING, REPLACED FUEL LINE BETWEEN ENGINE DRIVEN FUEL PUMP AND AUXILIARY PUMP, REPLACED FUEL LINE BETWEEN THE CARBURATOR AND FIREWALL FITTING, REPLACED HOSE FOR CARBURATOR INLET AIR, CHECKED ALL CONTROLS AND OILS, REPAIRED CARBURATOR HEAT BOX BEARING MOUNT, CHECKED ENGINE MOUNTS FOR CRACKS FOUND O.K. CLEANED AND GAPPED ALL SPARK PLUGS, CHECKED IGNITION WIRING, RETIMED THE RIGHT MAG. REPLACED GASKET, DRAINED AND REPLACED OIL WITH #80T OF AEROSHELL 50W OIL, CLEANED OIL SCREEN AND REPLACED GASKET, INSTALLED NEW CLAMP BOLTS, AND REPLACED ALL EXHAUST GASKETS, CHECKED ALL INTAKE PIPES AND INSTALLED NEW GASKET AT #4 CYLINDER, CHECKED FUEL STRAINER AND REPLACED BOTH O-RINGS, CHECKED POINTS ON BOTH MAGS AND LUBRICATED CHECKED STARTER, ALTERNATOR AND ALTERNATOR BELTS FOR SECURITY AND CRACKS, AND WORN BRUSHES, PUT NEW SEAL IN VACUUM PUMP DRIVE ADAPTOR AND INSTALLED NEW GASKET ON MOUNTING FLANGE, SPOT CHECKED CYLINDER MOUNTING BOLTS, CHECKED PROP FOR NICKS AND CRACKS, CHECKED SPINNER,		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
A.P. 81-18-04(R2)	6/7/82			ON OIL PUMP DUE AT 2000H, WASHED DOWN ENGINE AND RAN UP, REPLACED AIR FILTER WITH NEW ONE		
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100H</u> inspection and was deter- mined to be in airworthy condition. Tech. Reads <u>574</u> Date <u>6/16/82</u> <u>Ray Chambers</u> <u>ATP 482681035</u> Monticello Aviation Monticello, Iowa						

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ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-12-80	Tach 450 hrs.			Compression check #1 $7\frac{5}{80}$ #2 $6\frac{0}{80}$ #3 $7\frac{7}{80}$ #4 $7\frac{5}{80}$ Changed oil, 8 qts. Phillips $\frac{7}{8}$ c 20W-50W. Checked oil screen and fuel strainer. Cleaned air filter. Checked heat muff and exhaust system for cracks. Cleaned and gapped spark plugs. Checked ignition timing. Checked all hoses and clamps and fuel lines. Installed a new alternator belt. Checked engine mounts, carb. heat valve, prop for condition (dressed the prop) and safety. Installed a new "C" ring in prop. Checked throttle arm for proper safety as per AD 72-CG-05 Eff. 3-24-72 One time only. Warmed engine and cooling. Lubricated all engine controls. for the engine and checked for leaks. Riveted carb heat valve back to a solid position.		
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH HOURS <u>450</u> DATE <u>11/13/80</u> W/O NO <u>5010</u> BY <u>Dele Brown</u> MONTICELLO AVIATION, INC.						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
10-14-77	T.T.	186	HRS.			
Compression CK. 75/80 All clys. Oil changed 40 W ADDOP						
SPRING CITY FLYING SERVICE, INC. 24151 West Bluemound Road Waukesha, Wisconsin 53186 F.A.A. Approved Repair Station #313-10 "It is certified that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in Airworthy Condition." Inspected <u>[Signature]</u> for SPRING CITY FLYING SERVICE, INC.						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
10-						
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100HR</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.				ENGINE--Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked engine.		
DATE 9-14-79						
A&P 349						
TACH 349						
SMOW 349						
				BRIAN T. CLOHESSY		
				A&P 568866985		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6/18/74				Tech 140 Camp 38/80 all cyl. oil changed 50W. Rest of EN6 given mechanic's inspection.		
I CERTIFY THAT THIS <u>EN6</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AUTHORIZED INSPECTOR <u>[Signature]</u> NO. <u>JA 1564258</u>						
6-18-74 Engine I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AUTHORIZED INSPECTOR <u>[Signature]</u> NO. <u>JA 1564258</u>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6/19/75				Tech 165 Camp 38/80 all cyl. Oil changed 40W. C/W A.D. 74-26-19 By Replacing Bushing in Left Mag. C/W A.D. 75-7-2 By Insp. Est.		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AUTHORIZED INSPECTOR <u>[Signature]</u> NO. <u>JA 1564258</u>						

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19							
					6-14-72 Tach 38		
					Oil changed 50W shell. Comp.		
					78/80 all cyls. Installed Timing plug in		
					Left Mag. C/W A.D. 72-6-5 By Torque		
					of Throttle Arm & Re safety		
					I CERTIFY THAT THIS <u>Engine</u>		
					HAS BEEN INSPECTED IN ACCORDANCE WITH A		
					<u>Annual</u> INSPECTION AND WAS		
					DETERMINED TO BE IN AIRWORTHY CONDITION		
					AUTHORIZED INSPECTOR <u>William Peruchon</u>		
					NO. <u>I.A. 1564258</u>		

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19							
					6-6-73 Tach 92		
					Oil changed 50W shell Comp. 78/80 all cyls.		
					I CERTIFY THAT THIS <u>Engine</u>		
					HAS BEEN INSPECTED IN ACCORDANCE WITH A		
					<u>Annual</u> INSPECTION AND WAS		
					DETERMINED TO BE IN AIRWORTHY CONDITION		
					AUTHORIZED INSPECTOR <u>William Peruchon</u>		
					NO. <u>I.A. 1564258</u>		
					11/12/73 Tach 129 Oil changed 30W		
					<u>William Peruchon</u>		

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ENGINE DESCRIPTION

Mfgr.	Lipomig		Place		Date
Type	H- opposed		Model	0-360-A1F6	Serial No. L-15292-36A
Rated H. P.	180	Maximum H. P.	180	Weight (Dry)	
Rated R. P. M.	2700	Maximum R. P. M.	2700	Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio		Gear Ratio	

Propeller	McCauley	Hub Design	2D34C202	Hub Serial No.	702396
Blade Design	82PA-6	Blade Serial	-	Blade Serial C-	88128-15
				Blade Serial C-	88090-15
Maximum Hub H. P.		Maximum Blade H. P.			
Pitch	Low - 12.1°	Diameter	76"	Length	
	High - 26.0°				

Owner's Name	
Address	
City	State

ENGINE LOG

DATE		DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19	70	HOURS	10THS	HOURS	10THS			
6-2		20		20			Kenneth Riggs	362099
3-26-71						T.T. 20 HRS. 25 HR. INSPECTION COMPLETED @ THIS TIME. OIL DRAINED 7 QTS 40 REG. ADDED. SPARK PLUGS CLEANED & GAPPED. REST OF ENGINE GIVEN ROUTINE INSPECTION PER GESSWA 25 HR. INSPECTION		
							Lew Chung	1663204

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