

The Standard
ENGINE LOG

100-112

The subject aircraft was involved in an incident /
accident on 5/13/2024 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 7065372218US.

Signed: ***Underwriters Salvage Company***

Date: **6/25/2024**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
6-25-23	TACH	2270.45		Changed oil filter and oil. Runup check good. Edon HAY APP 3617647
01-24-24	TACH	2308.14		compression #1-74 #2-80 #3-74 #4-80 cleaned gapped rotated plugs. installed new cylinders #2 and #4 cylinder. changed oil and filter inspected exhaust intake engine controls Edon HAY APP 3617647
Date <u>01-26-24</u> Aircraft Total Time <u>2308.14</u>				
I Certify That This <u>POWERPHANT</u> Has				
Been Inspected In Accordance With An <u>ANNUAL</u> Inspection And Been				
Determined To Be In Airworthy Condition.				
Signature <u>Edon HAY</u>			Certificate No. <u>TA 3617647</u>	

8/27/20, Tach: 2114.9, SMOH: 737.87, O-360-A1D, s/n L-6596-36, Propeller Hartzell model HC-C3Y-1RF, s/n H3563A, Prop TT since factory new 737.87

Compression 1. 74/80 2. 74/80 3. 74/80 4. 76/80. Changed oil with 7 quarts of 20w50 x/c phillips.. Cleaned oil screen and no metal found at this time. Checked magneto to engine timing- ok at 25 degrees BTDC. Cleaned, gapped and rotated spark plugs. New 2" scat tube installed from muffler to cabin heat. No AD's due on this engine or propeller at this time. Inspected propeller, spinner and back plate. Inspected all controls, mounts, intake, exhaust system hoses and fasteners. Other inspections per check list. I certify that this engine and propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Kurt Leaders IA2714134

05/01/2022

N1376W

Tach Time: 2122.55

Engine Total Time: 2122.55

Aircraft TT: 2122.55

Engine Time SMOH: 745.45

Prop Date of OH: 10/1996

Prop Time SNew: 745.45

Engine 100 hr Inspection. Compressions as follow: #1. 65/80, #2. 76/80, #3. 76/80, #4. 76/80. Drained oil, removed filter, cut and inspected, no metal noted. Installed new CH48110-1 filter, torqued and safetied. Service with 7 qts Phillips 20W50 XC and 11.3 oz of camgard. Inspected magnetos, verified timing. Removed, cleaned, gapped, test fired, rotated and re-installed spark plugs with new m-674 gaskets. Inspected alternator and starter. Inspected prop and spinner. Inspected and lubricated engine controls. Installed new BA-4108 air filter. Run up and leak check ok. I certify this engine has been inspected in accordance with current FAR's and a 100 hr inspection and found to be in an airworthy condition.

Eric Rudningen A&P2717510


[Signature]

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
10-28-22	TACH: 2174.34			Serviced engine with 7 quarts of 20w-50 X/C Phillips oil. Cleaned oil screen, No metal found. Eric Pendleton IA ATP: 4459607
03-05-23	TACH 2219.7			Compression #1-0 #2-75 #3-73 #4-72 Replaced #1 cylinder P/N 2636006N-A20P cleaned gapped rotated plugs. Inspected exhaust intake and engine controls. changed oil and filter. Eldon Holtz ATP 3617647
				Date 03-05-23 Aircraft Total Time 2219.7 I Certify That This <u>POWERPLANT</u> Has Been Inspected In Accordance With An <u>ANNUAL</u> Inspection And Been Determined To Be In Airworthy Condition. Signature <u>Eldon Holtz</u> Certificate No. <u>IA3617647</u>

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09/20/2016 Tach) 2022.3 TTSMOH) 645.27 TTE) 2022.3

Performed annual inspection according to Mooney/Lycoming inspection checklist. Compressions: 1) 64 2) 72 3) 70 4) 64. Cleaned, gapped and rotated spark plugs. Retimed right magneto to 25 degrees BTDC. Removed and inspected oil screen. No metal found. Reinstalled screen and serviced with 8qts 20w50 X/C. Removed #2 cylinder rocker cover, rockers, pushrods and pushrod shrouds. Installed new seals on pushrod shrouds and reinstalled shrouds, pushrods, rockers and rocker cover. Repaired chafed hole in ram air scat hose. I certify that this aircraft engine and propeller have been inspected according to an annual inspection and were found to be airworthy at the time of inspection.


 Jason G. Erickson 2639100 A&P I/A (Ascend Aviation, LLC)


11/20/17, Tach: 2055.7, SMOH: 678.67, O-360-A1D, s/n L-6596-36, Propeller Hsrtzell model HC-C3Y-1RF, s/n H3563A, Prop TT since factory new 678.6

Compression 1. 65/80 2. 76/80 3. 76/80 4. 72/80- cold check. Engine oil previously changed by owner. Cleaned oil screen and no metal found at this time. Checked magneto to engine timing- ok at 25 degrees BTDC. Cleaned, gapped and rotated spark plugs. No AD's due on this engine or propeller at this time. Inspected propeller, spinner and back plate. Inspected all controls, mounts, intake, exhaust system hoses and fasteners. Other inspections per check list. I certify that this engine and propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.


 Bob Leaders A&P 1428281

5/10/19, Tach: 2083.5, SMOH: 706.47, O-360-A1D, s/n L-6596-36, Propeller Hartzell model HC-C3Y-1RF, s/n H3563A, Prop TT since factory new 706.47

Compression 1. 76/80 2. 78/80 3. 78/80 4. 78/80. Changed oil with 7 quarts of 20w50 x/c phillips.. Cleaned oil screen and no metal found at this time. Checked magneto to engine timing- ok at 25 degrees BTDC. Cleaned, gapped and rotated spark plugs. AD#17-16-11 connecting rods- N/A by p/n. AD#15-02-07 propeller governor idler shaft- N/A by model. No AD's due on this engine or propeller at this time. Inspected propeller, spinner and back plate. Inspected all controls, mounts, intake, exhaust system hoses and fasteners. Other inspections per check list. I certify that this engine and propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.


 Kurt Leaders IA2714134

DATE	RECORDING TACH TIME	TODAYS 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.)
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May 3, 2013 1889.57TACH 512.47SMOH N1376W ENGINE LOG

#1 74/80, #2 74/80, #3 72/80, #4 76/80. AD12-03-07 N/A by part number of carb. No further action required. AD12-19-01 N/A to crankshaft by model number of engine. No further action required. Run up engine & drained oil. Inspected oil screen, checked good. Cleaned, inspected & rotated all sparkplugs. Checked magneto timing. Removed/installed exhaust after overhaul by Aerospace Welding MSP, Inc. WO#152520 for muffler p/n 850-49, WO#152522 for riser p/n 850-76, WO#152524 for riser 850-78, WO#152521 for riser p/n 850-75, & WO# 152523 for riser 850-77. Oil sump heat pad separated from oil sump. Cleaned pad & oil sump surface. Secured in place. Serviced engine with Aeroshell 15W50. Run up and leak check good. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Brian Holte A&P3495449IA.

6/9/14, Tach: 1945, SMOH: 567.97, O-360-A1D, s/n L-6596-36, Propeller Hartzell model HC-C3Y-1RF, s/n H3563A, Prop TT since factory new 567.9

Compression 1. 73/80 2. 76/80 3. 74/80 4. 73/80. Engine oil previously changed by owner. Cleaned oil screen and no metal found at this time. Checked magneto to engine timing- ok at 25 degrees BTDC. Cleaned, gapped and rotated spark plugs. New 916006-000 exhaust spring installed. #3 exhaust riser nuts loose on cylinder flange- torque to specs. No AD's due on this engine or propeller at this time. Inspected propeller, spinner and back plate. Inspected all controls, mounts, intake, exhaust system hoses and fasteners. Other inspections per check list. I certify that this engine and propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Bob Leaders A&P 1428281

Bob Leaders

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8/17/2015 TACH) 1982.51 TTS MOH) 605.48 TTE) 1982.51
Complied with Annual inspection in accordance with the Mooney/Lycoming inspection checklist. Compressions 1) 70/80 2) 70/80 3) 72/80 4) 68/80. Changed oil and serviced with 8 qts of 20W50 EXXON Elite. Cleaned oil screen, no metal found. Installed 8 new Tempest UREM38E spark plugs. Performed 500 hour inspection on RH magneto in accordance with Bendix magneto 500 hour inspection checklist. installed new points and capacitor. installed over hauled LH magneto. timed both magnetos to engine. Inspected and dressed propeller. I certify that this aircraft engine and propeller have been inspected in accordance with an annual inspection and where found to be in airworthy condition at the time of inspection.

Jason G. Erickson 2639100 A&P I/A (Ascend Aviation LLC)

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
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Engine Log N1376W
05-15-11 Tach; 1852.5
Completed 100hr./annual inspection this date.
Compression test: #1=75/80, #2=73/80,
#3=74/80, #4=73/80. Cleaned gapped and
tested spark plugs. Checked mag to engine
timing. Cleaned fuel screens. Drained oil and
checked screen, serviced with Aeroshell
15W50 oil. Test run and leak check-
satisfactory. I certify this engine inspected in
accordance with 100hr/annual inspection and
determine to be airworthy condition this date.
05-15-11.

 AP 3461407 IA

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
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Engine Log N1376W
05-05-12 Tach: 1880.5
Completed 100hr/annual inspection this date.
Compression check #1=72/80, #2=73/80,
#3=74/80, #4=73/80. Drained oil and checked
screen. Serviced with Aeroshell 15W50 oil.
Cleaned, gapped, and tested spark plugs.
Checked mag to engine timing. Test run and
leak check-satisfactory. I certify this engine
inspected in accordance with 100hr/annual
inspection and determine to be in airworthy
condition this date.

 AP 3461407 IA

DATE 19__	RECORDING TACH TIME	TODAYS 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 APR 10	TAC 1829.0 TTE 1829.0	SMOH 452		COMPLETED ANNUAL INSP. IAW MOONEY INSP. FORM. CHANGED OIL AND INSP. OIL SCREEN. SERVICED WITH 7 QTS AEROSHELL 15W-50. REPLACED THROTTLE LINKAGE ROD END AT CARB. REPLACED 2 SPARK PLUGS. CLEANED AND GAPPED SPARK PLUGS. CHECKED MAG TO ENGINE TIMING. CHECKED INB. SWITCH OPERATION. NO AD'S DUE AT THIS TIME. SEE AD LIST FOR COMPLIANCE. NEXT ANNUAL DUE AT 1 MAY 2011
				THUNDERBIRD AVIATION
				I CERTIFY THAT THIS AIRCRAFT <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				NAME <u>Th B Star</u>
				NUMBER <u>AIP 4715437921A</u>

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
11/9/10	1851 74th 15W50	1857		Changed oil, serviced with Aeroshell. Replaced quick drain. Tightened all oil return line clamps on hoses. Tightened & resorted dipstick tube. Replaced air filter. ROR - a 81 ADP469620753

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9/20/07	TAC	1762		CHANGED OIL. SERVICES w/ 7 QTS 15W-50 AEROSHELL SEMI-SYN. RUN-UP AND LH CKE OK. Pmt B Stamp ATP 471543792
12/5/07	1773	1773		SMOH 396HRS Completed Annual insp TAN Mooney insp form. Cleaned & checked screen, no metal found. Oil was not changed at this time. Cleaned & gapped spark plugs. Checked mag to engine timing. Checked ignition switch for proper operation. Replaced air filter.
CIV AD 76-07-12				THUNDERBIRD AVIATION I CERTIFY THAT THIS AIRCRAFT <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION NAME <u>Robt A St</u> NUMBER <u>ARP 4169620253</u>
			75 76 77 78 79 80	

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
11/19/08	TAC	1798		Changed oil. Serviced with 7 qts 15W50 aeroshell. Serviced battery with water. Runup & ops checked OK. Robt A St ARP 4169620253
2/1/09	1800	1800		SMOH 423HRS Completed Annual insp TAN Mooney insp form. Cleaned & checked screen, no metal found. Oil was not changed at this time. Cleaned & gapped sparkplugs Checked mag to engine timing. Checked ignition switch for proper operation. Checked air filter. Install Peiff heater. Install servable dipstick.
				THUNDERBIRD AVIATION I CERTIFY THAT THIS AIRCRAFT <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION NAME <u>Robt A St</u> NUMBER <u>ARP 4169620253</u>
			75 76 77 78 79 80	

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
9/13/05	TAC	1712		TEngine 1712 SMOA 335KNS Completed Annual insp & JN Mooney insp form. oil changed & screen checked 8/16/05 TAC 1712. Cleaned spark plugs. Replaced number of cylinder four with new. Checked mag to engine timing. Checked air filter.
			75 74 76 80	THUNDERBIRD AVIATION I certify that this aircraft Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in worthy condition. Robert A. St. NIP469620253JA
10/28/05	TAC	1716		Installed new Alternator adjustment link. P/N 76028 Robert A. St. NIP469620253

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
10/18/06	TAC	1735		TEngine 1735 SMOA 358KNS Completed Annual insp & JN Mooney insp form. Serviced with 15W50 aircraft oil. 74ts installed. Screen checked OK. Replaced crush gasket for oil pressure relief valve. Tightened number 2 & 4 oil return line fittings. Cleaned & gapped spark plugs. Checked mag to engine timing. Replaced air filter
			77 77 77 80	THUNDERBIRD AVIATION I CERTIFY THAT THIS AIRCRAFT <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION NAME <u>Robert A. St.</u> NUMBER <u>NIP469620253JA</u>

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
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19AUG03 TAC 1649 TTE 1649 SMOH 272
COMPLETED ANNUAL INSP IAW MOONEY INSP FORMS
AND AC 43.13-18/2A. SERVICED WITH 7QTS 15W-50
AEROSHELL, CHD OIL SCREEN, TIGHTENED DIPSTICK TUBE.
CLEANED AND GAPPED SPARK PLUGS, CHD MAG TO ENG
TIMING. RUN-UP AND LK CK OK.
C/W AD 76-0712 Ignition
Switch & checked OK

THUNDERBIRD AVIATION
I certify that this aircraft Engine has been
inspected in accordance with a 100-hour
specification and was determined to be in an
airworthy condition. Phil B. Smith
ATP 471543792 I.A.

11NOV03 TAC 1674 CHANGED OIL AND INSP. OIL SCREEN.
SERVICED WITH 7QTS 15W-50 AEROSHELL.
RUN-UP AND LK CK OK. Phil B. Smith ATP 471543792

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9/10/04 TAC 1690 TTE 1690 SMOH 313HNS
Completed Annual insp IAW Mooney
insp form. Serviced with 7qts 15W-50 Aeroshell.
Cleaned screen nothing found. Cleaned & gapped
lower spark plugs. Checked mag to engine timing.
Checked ignition switch for proper operation.
Checked air filter.
C/W AD 76-0712

76 76 75 75
80

THUNDERBIRD AVIATION
I certify that this aircraft Engine has been
inspected in accordance with a 100-hour
specification and was determined to be in an
airworthy condition. Phil B. Smith
ATP 471543792 I.A.

8/16/05 TAC 1712 CHANGED OIL + INSP SCREEN.
SERVICED W/ 7 QTS AEROSHELL 15W-50.
CLEANED #4-B SPARK PLUG. RUN-UP AND LK CK OK.
Phil B. Smith ATP 471543792

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
7/1/02	JAL	1597		<p>Engine 1597 SMOA 220NPS Completed Annual prop JAW Mooney prop form. Serviced with 84 to 15W50 aeroshell 9 checked screen. Screen checked OK. Cleaned & gapped spark plugs. Checked mag to engine timing. Checked air filter. Had muffler, all four nuts & tail pipe repaired by Aerospace Welders. Replaced seat tubing to generator. Replaced all four rocker cover gaskets with 5R 757012. Replaced all hardware on exhaust system.</p>
		77 77	78 78	
			80	
				<p>THUNDERBIRD AVIATION I certify that this aircraft Engine has been inspected in accordance with a 100 hour specification and was determined to be in a worthy condition.</p> <p><i>John Ash</i> AIP 41962053TX</p>

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
12/67/02	Tach	1627		<p>Drained oil. Cleaned & inspected oil screen. Found Metal in screen. Needs Monitoring. Serviced with 7 qt. Aeroshell 15W50. Aircraft approved for return to service. Mechanic R. Mathews A&P 527965162</p>
1/17/03	Book	1628.4 hrs		<p>Removed Engine & metal contaminants. Disassembled engine, cleaned parts. Replaced Exhaust Guide, Ground scots & valves up & Assembled cylinders. Bore checked crankcase. Replaced main Rod Bearings. Installed Reground cam followers. Assembled & Installed same Engine Back in Aircraft. Aeroshell #15W50 oil, Run-up checked OK. Ref. u.o. 16197 <i>John Ash</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
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04/15/01 Tach Time: 1536.88 Total Time: 1536.88 TSMOH: 159.78
Installed Carburetor Air Box repair kit, P/N 600063-900, per drawings and instructions
furnished by Mooney. Aircraft is approved for return to service.

Michael R. Matthews A&P 527965162

Michael R. Matthews



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N1376W

DATE: 7/18/01

TACH: 1548.4

CHANGED OIL AND FILTER, CLEANED OIL SUCTION SCREEN.
SERVICED WITH 7 QTS. OF AEROSHELL 15W50 OIL. RECOMMEND
NEXT OIL CHANGE IN AT 1573.4 HRS. REPLACED OIL DIPSTICK
SEAL. ADJUSTED IDLE SPEED. GROUND RUN-UP LEAK CHECK WAS
SATISFACTORY. REF. MODERN AERO W/O# 28938.

Greg Schutte

DATE 2002 19__	RECORDING TACH TIME	TODAYS 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.)
1/19/02			1552.0	Removed Air pump model number 211CC. Installed new Airborn pump model # 215CC Serial # 340 1294. apr checked all checked OK. <i>Ad 468840000</i> <i>Smith</i>
4/2/02	TAC 1583.43			Changed oil & checked screen. Checked OK. Serviced with 7 qts of 15W50 aroshell. Robn a dr AP469620253

DATE	RECORDING TACH TIME	TODAYS 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.)
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09-26-00 Tach Time: 1528.19 Engine Total Time: 1528.19 TSMOH: 151.09

- 1) Adjusted carburetor idle mixture to attain 50 RPM rise at Idle Cut-off.
- 2) Drained oil and serviced with 7 qt. Aeroshell 15W50.
- 3) Cleaned and inspected oil screen. Found a substantial amount of iron powder in screen and housing. Suspect that oil screen has not been cleaned since the engine was overhauled. Recommend that screen be cleaned and inspected again in 25 hours to determine if the problem persists and further action is necessary.

Aircraft is approved for return to service.

Michael R. Matthews A&P 527965162

Michael R. Matthews

10-13-00 Tach Time: 1533.07 Engine Total Time: 1533.07 TSMOH: 155.97
Removed and replaced intake air duct with new part, P/N 600064-000.
Aircraft is approved for return to service.

Michael R. Matthews A&P 527965162

Michael R. Matthews

DATE	RECORDING TACH TIME	TODAYS 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.)
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03/15/01 Tach Time: 1535.93 Engine Total Time: 1535.93 TSMOH: 158.83

Annual Inspection completed this date.

- 1) Compression Cold: #1-70/80, #3-67/80, #2-72/80, #4-72/80
- 2) Cleaned and inspected oil screen. Still finding metal after only 7.74 hours since last oil change. **Monitor again at next oil change, due at Tach Time 1553.19.**

3) Checked magneto timing to 25° BTDC.

4) Cleaned and gapped 7 spark plugs.

8) Installed 1 new spark plug, REM-38E.

9) Installed overhauled carburetor, Precision Mod. # MA-4-5, P/N 10-4164-1, S/N K 21-5810. Carb was OH by Avstar Aircraft Accessories, Repair Station V1RR580Y, under work order #1198.

10) Installed new air filter element, Bracket P/N BA 6108.

11) Complied with AD 75-09-08, engine mount cracks, by installing new improved mount, P/N 590000-509. Installed 4 new shock mounts, J-7402-16. **AD is now terminated.**

I certify that this engine has been inspected in accordance with a 100 Hour Inspection following Mooney Inspection Guide and determined to be in an airworthy condition.

Aircraft is approved for return to service.

Michael R. Matthews A&P 527965162

Michael R. Matthews

DATE 19 ____	RECORDING TACH TIME	TODAYS 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.)
GLYNCO MANNING AVIATION INC. 600 CONNOLLE STREET BRUNSWICK, GEORGIA 31525 912-264-9200				
DATE: 12-06-99 1964 MOONEY M20C N1376W SN: 2657 AIRCRAFT TACH TIME: 1483.80 AIRCRAFT TOTAL TIME: 1483.80 ENGINE TOTAL TIME: 1483.80 ENGINE TIME SMOH: 106.70 LYCOMING O-360-A1D SN: L6596-36 180 HP 2000 TBO				
THIS AIRCRAFT ENGINE (L6596-36) HAS BEEN I/A/W A LYCOMING SERVICE MANUAL FOR A 100 HOUR INSPECTION. ENGINE COMPRESSION TESTED AS FOLLOWS: 1.) 74/80, 2.) 76/80, 3.) 77/80, 4.) 73/80. REMOVED ALL SPARK PLUGS CLEANED, TESTED, ROTATED. INSTALLED PLUGS WITH CHAMPION PLUG LUBE. DRAINED OIL AND CHECKED OIL FILTER SREEN. NO METAL FOUND. SERVICED WITH 8 QUARTS OF AERO SHELL 100W 50 WEIGHT. ADJUSTED THORTTLE CABLE. INSTALLED NEW SCAT HOSE FOR CABIN HEATER. INSPECTED EXHAUST SYSTEM. INSPECTED FUEL AND OIL LINES. CLEANED AND INSPECTED AIR FILTER. CHECKED TIMMING ON LEFT AND RIGHT MAGS. CHECKED ALL AIRWORTHINESS DIRECTIVES THROUGH 12-06-99. NO AD'S DUE AT THIS TIME. WASHED ENGINE DOWN AND TEST RAN FOR 5 MIN. NO LEAKS NOTED AND ALL SYSTEMS FUNCTION NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AND RETURNED TO SERVICE THIS DATE 12-06-99.				
<div style="display: flex; justify-content: space-between;"> <div> <u>R.F. Manning</u> R.F. MANNING A&P 257529150 </div> <div> <u>12-06-99</u> DATE </div> </div>				
I certify this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and found to be in airworthy condition.				
TOTAL TIME <u>1483.8</u> TACH <u>1483.8</u> TSMOH <u>106.7</u>				
DATE <u>12-06-99</u> <u>Lewis Keith Manning</u> LEWIS KEITH MANNING A/P 259316984 I/A				

DATE 19 ____	RECORDING TACH TIME	TODAYS 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.)
GLYNCO MANNING AVIATION INC. 600 CONNOLLE STREET BRUNSWICK, GEORGIA 31525 912-264-9200				
DATE: 12-06-99 1964 MOONEY M20C N1376W SN: 2657 AIRCRAFT TACH TIME: 1483.80 AIRCRAFT TOTAL TIME: 1483.80 PROPELLER TOTAL TIME SINCE FACTORY NEW: 106.70 HARTZELL HC-C3YR-1RF / F7282 SN: H3563A BLADE SNS: H90063 H90059 H90058				
THIS AIRCRAFT PROPELLER (H3563A) HAS BEEN I/A/W FOR A 100 HOUR INSPECTION. REMOVED SPINNER AND INSPECTED HUB. CHECKED PROP BLADES AND INSTALLED SPINNER. CHECKED ALL AIRWORTHINESS DIRECTIVES THROUGH 12-06-99. NO AD'S DUE AT THIS TIME. I CERTIFY THAT THIS PROP HAS BEEN I/A/W A 100 HOUR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION AND IS RETURNED TO SERVICE THIS DATE 12-06-99.				
<div style="display: flex; justify-content: space-between;"> <div> <u>R.F. Manning</u> R.F. MANNING A&P 257529150 </div> <div> <u>12-06-99</u> DATE </div> </div>				
I certify the <u>Prop</u> has been inspected in accordance with an <u>Annual</u> inspection and found to be in airworthy condition.				
TOTAL TIME <u>106.7</u> TACH <u>1483.8</u> TSMOH <u>N/A</u>				
DATE <u>12-06-99</u> <u>Lewis Keith Manning</u> LEWIS KEITH MANNING A/P 259316984 I/A				

DATE

19 _____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
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.)



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N1376W

DATE: 7/18/01

TACH: 1548.4

CHANGED OIL AND FILTER, CLEANED OIL SUCTION SCREEN.
SERVICED WITH 7 QTS. OF AEROSHELL 15W50 OIL. RECOMMEND
NEXT OIL CHANGE IN AT 1573.4 HRS. REPLACED OIL DIPSTICK
SEAL. ADJUSTED IDLE SPEED. GROUND RUN-UP LEAK CHECK WAS
SATISFACTORY. REF. MODERN AERO W/O# 29939.

10/7/96 TACH 1377.1 TSO 0.00

Repositioned oil filler tube. Fabricated and installed the following hoses using Aeroquip 303 hose in accordance with Aeroquip supplied instructions:
 (2) oil cooler, (2) fuel pump, (1) oil pressure, (1) fuel pressure. Removed and reinstalled carburetor after repair by Navajo Accessories. Run up ok.

for service
 AP1836930

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
10-7-96	1377.1			OVERHAULED ENGINE USING THE FOLLOWING ITEMS OVERHAULED CRANKCASE, CRANKSHAFT (MAINS GROUND .010 UNDER), CAMSHAFT, RODS, ROCKERS, CAM FOLLOWERS, GEAR (CRANKSHAFT), MAGS, PROP GOO, FUEL PUMP, CARB, CERMIL CYL, NEW ROD & MAIN BEARINGS, PISTONS, PISTON PINS, RINGS, ROCKER PINS, HYD LIFTERS, OIL PUMP GEARS, ALL WORK DONE IAW LYCOMING OVERHAUL MANUAL. TEST RUN NO LEAKS ALL PRESSURES & TEMPS NORMAL <i>Leonard J Pitcher IA378460499</i>

10/09/96 TACH 1377.1 TSO 0.00

Installed engine S/N L-6596-36 after overhaul.

Rigged engine per Mooney service manual.

Replaced engine shock mounts.

for service
 AP1836930

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
12/4	1390.0 TSMOH - 12.9		1390.0	I certify that this engine has been inspected in accordance with a 100HR/ANNUAL inspection and was determined to be in Airworthy condition. <i>Richard Lee Leon</i> <i>A+P451088312 IA</i>
				During this inspection we also chg oil & cleaned filter, no metal found in filter, compressor good at 27/80 27/80 28/80 28/80 29/80 29/80 30/80 30/80 ground run-up OK at no leaks found. C/W AD 76-07-12 on Bendix SW ops good
12/12/98	1443.8 TSMOH - 7 66.7		1443.8	I certify that this engine has been inspected I.A.W. a 100 HR/ANNUAL inspection and was determined to be in Airworthy condition. <i>Richard Lee Leon</i> <i>A+P451088312 IA</i>

During this inspection we also chg'd a 100 HRS inspection I.A.W. FAR 43 appendix 2 chg oil & cleaned filter, compressor good at 70 at better on all cylinders MAG timing good, no leak found on run up.

Engine Record General Information

LOG #2

Manufacturer LYCOMING

Model O-360 A1D

Serial L6596-36

Type Certificate

This engine is currently installed in aircraft:

Minimum Octane Fuel

Oil Grade Summer

Winter

Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at hours

ENGINE LOG

MOONEY AIRCRAFT, INC.

eng.
PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3/28/93	oil change	shell 100	50wt & screen	cleaned	780.21
4/10/93	"	"	"	"	805.20
5/29/93	"	"	"	"	826.25
7/6/93	"	"	"	"	848.00
7/29/93	oil change	shell 100	50wt. & clean	Screen	868.55
8/27/93	"	"	"	"	893.18
9/23/93	"	"	"	"	919.49
10/16/93	"	"	"	"	940.07
11/19/93	2 New lyc. Hds.	hite side	oil change		954.68
Signed:			Randy J. Pyle		
			346540347 IA		

eng.
PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
1/4/94	oil change	shell 100 - 50wt	clean	screen	978.5
04-21-94	TACH & T.T.	1048.0			
	Replaced #2 and #4 cyl. assys.	per maint. manual.			
	Replaced muffler hangers.	Replaced all exhaust gaskets.			
I certify this engine has been inspected I.A.W. an annual inspection and determined to be in an airworthy condition.					
			Randy J. Pyle		
			346540347 IA		

ENGINE LOG

748.1 hrs

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
4/3/85									CLEANED OIL SCREENS OK COMPRESSION ALL ABOVE 74/80 DRAINED CARBURATOR, CLEANED SPARK PLUGS & CK.		
I CERTIFY THAT THIS <u>Engine</u>											
HAS BEEN INSPECTED IN ACCORDANCE											
WITH A <u>100 hr.</u> INSPECTION AND											
HAS BEEN FOUND AIRWORTHY.											
SIGNATURE <u>Elliott C. Carson</u>											
LICENSE NO. <u>513-01-4448</u> DATE <u>4/3/85</u>											
TOTAL TIME <u>748.10</u>											
BROUGHT FORWARD											
TOTALS											

engine 748.1 bought 93
PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3/21/93	757.3	check comp.			Alternator & Starter removed, shipped & repair
		replace all air intake and oil hoses, installed			
		new idmium spark plugs, new harness bendix			
		change oil & clean screen refill with shell 100 sawt			
		install new style air cleaner Bracket Part # BA 6103			
		install new hose to oil gauge, new oil gauge, new oil temp gauge, new egt gauge, new alternator belt			
		I certify this engine have been inspected with a			
		100hr. inspection & is airworthy by			

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
2-26-81											
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND HAS BEEN FOUND AIRWORTHY. SIGNATURE <u>Edward C Cannon</u> LICENSE NO. <u>513-01-4448</u> DATE <u>2-26-81</u> TOTAL TIME <u>709.71</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
7-4-82											
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND HAS BEEN FOUND <u>ADVISORY</u>											
SIGNATURE <u>Elwood C. Cannon A+P</u> LICENSE NO. <u>513-01-4448</u> DATE <u>7-4-82</u>											
TOTAL TIME <u>719.25</u> A.D. NOTE <u>82-27-02 RI</u> N. A. BY SERIAL # <u>Elwood C. Cannon A+P</u> <u>513-01-4448</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
8/8/79							760	00	I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSP. CLEANED OIL STRAINER & FOUND TO BE AIR WORTHY Elwood C Carson 513-01-4448		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
3/4/71							598		oil changed SAE 50		
5/9/72							628.44		Completed w/ AD 72-6-5 on carburetor		
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.											
SIGNED/ <u>Eugene A. Robinson</u> TECH TIME <u>628.44</u>											
EUGENE A. ROBINSON IA#1474904 TOTAL TIME <u>628.44</u>											
DATE <u>May 9, 1972</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
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.											
SIGNED/ <u>Eugene A. Robinson</u> TECH TIME <u>632.06</u>											
EUGENE A. ROBINSON IA#1474904 TOTAL TIME <u>632.06</u>											
DATE <u>June 27, 1973</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
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. SIGNED/ <u>Eugene A. Robinson</u> TECH TIME <u>556.5</u> <u>EUGENE A. ROBINSON</u> IA#1474904 TOTAL TIME <u>556.5</u> DATE <u>May 22 1970</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
<u>5/16/71</u>							<u>601.51</u>		<u>Changed Oil Cleaned Screens. Cleaned & checked spark plugs. Compression checked O.K.</u>		
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. SIGNED/ <u>Eugene A. Robinson</u> TECH TIME <u>601.51</u> <u>EUGENE A. ROBINSON</u> IA#1474904 TOTAL TIME <u>601.51</u> DATE <u>May 16 1971</u>											
BROUGHT FORWARD											
TOTALS											

The X Indicates Services Rendered This Propeller

BLADE S/N A58684 A108404

- F. A. A. Airworthiness Directives and Bulletins complied with. Date 5-11-70

Misc. Data INSTALLED NEW HUB, GW

McCAULEY Bulletin #77 x AD 50-2-4

Order No. R-53590 Signed Mark B. Jones 00

F. A. A. Approved Repair Station No. 3528 Class PR-1, 2 L-AC

SENSENICH CORPORATION

P. O. Box 1168

Lancaster, Pennsylvania 17604

FIGURE	LICENSE NUMBER
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ENGINE LOG

[illegible]

[illegible][illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
									1-3-66 Total Time 333.48		
									I certify this aircraft engine's		
									has been inspected in		
									accordance with a		
									periodic inspection		
									and was found to be		
									airworthy		
									J. H. Sawyer		
									A183624-41		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
4/3/66							333	48	oil changed	E O Connor	
3/3/66							353	00	"	"	
8/23/66							384	00	"	"	
9-3/66							403	00	Wash oil change	"	
1/2-67							425	00	oil changed	"	
1-2-67									I certify that this aircraft engine has		
									been inspected in accordance with a		
									periodic inspection and was determined		
									to be airworthy		
									Time since last inspection 92.46 hours		
									Total Tech time 425.94 hours		
BROUGHT FORWARD											
TOTALS									James H. Sawyer		
									A183624-41		

ENGINE DESCRIPTION			
Mfgr. <u>Lycoming</u>	Place	Date	
Type	Model <u>O-360 A1D</u>	Serial No. <u>L-6596-36</u>	
Rated H. P.	Maximum H. P.	Weight (Dry)	
Rated R. P. M.	Maximum R. P. M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch	Diameter	Length	
Owners Name	City		
Address	State		

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
<p>PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY.</p>											
12-31					1 30		1 30			<i>[Signature]</i>	
<p>Note: This engine installed in Mooney M-20C N1376W, Ser. No. 2657.</p>											
BROUGHT FORWARD											
TOTALS											