

N 211C1



The Standard

ENGINE LOG

ASA-SF-2

YEAR
20
DA



LYFE AVIATION

Dallas Executive Airport - 5025 Voyager Dr, Suite A
Dallas, TX 75237

N211CT

POWERPLANT
Tach: 3903.0

Date: 4/11/2024

Replaced #4 Cylinder Oil Drainback tube with new PN SL73027. Washed engine and engine compartment as required. Operational and leak check completed. No faults found at this time.

Nicolas Robinson AP 3830832

MAKE: Mooney
MODEL: M20F
S/N: 670083
REG NO: N211CT
ENGINE SN: L-2917-

Don Maxwell Aviation Services, Inc.
390 Central Road
Longview, Tx 75603

W/O #: 4247-07-2024
DATE: 08-08-2024
A/C Tach: 3918.8
Engine TSMOH: 1390.0
Eng TT: 3942.3

A&P or IA Number: 17840501

irs and Alterations
Certificate Number of
other specific entries.)

YEAR
20
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.)

Page 1 / 1

4247-07-2024 (09-09-2024)

MAKE: Mooney
MODEL: M20F
S/N: 670083
REG. NO: N211CT
ENGINE SN: L-2917-
51A

Don Maxwell Aviation Services, Inc.
390 Central Road
Longview, Tx 75603

W/O #: 4247-07-2024
DATE: 09-09-2024
A/C Tach: 3918.8
Engine TSMOH: 1390.0
Eng TT: 3942.3

Engine Entries

(3) Checked compression (1.)73, (2.)70 (3.)74 (4.)71. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil with Phillips 20W-50 & filter with AA48110-2. AOA oil sample taken. Tach:3918.8... (15) AD2015-19-07 Fuel Injection Line Inspection Complied with by inspection and replacement of all clamps.... (16) AD2009-02-03 Lean Running engine Complied with by replacement of gasket Pn. 365533 with new gasket part # 2577258, retorque nut to 100 in #s and safety wired. Plug scribed with the letter G... (24) Magneto 500 Hr Inspection next due at 4203.0... (34) Installed barrel nuts on aft baffle.... (40) Removed and replaced #3 CHT gasket probe.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition.

DATE: 09-09-2024

SIGNED:

Don Maxwell
A&P or IA Number: 1784050

WORK ORDER: 4247-07-2024

Printed by EBIS (EBIScloud.com)

Engine Record General Information

Manufacturer Lycoming Model IO-360 A1A
Serial L-2917-51A 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



The Standard

ENGINE LOG

ASA/SE-2

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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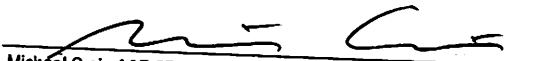
Dallas Executive Airport - 5025 Voyager Dr, Suite A
Dallas, TX 75237

N211CT

Date: 07/19/2023

ACTT: 3857.6 Tach: 3842.6 EngTT: 3866.1 EngTSMOH: 1313.8 PropTT: 936.1

Completed Annual Inspection in accordance with FAR 43 appendix D. Compression test results: 1)71 2)68 3)71 4)69. Drained engine oil and cut open oil filter, serviced engine with 8 quarts of XC20W50 oil and 1 new CH48110-1 filter. Replaced crankshaft seal with new LW-13792. Cylinders have a lot of oil blowby, replaced all 4 cylinders with overhauled units from Sal's Cylinders Prosper Texas: 74974 S/N S-8177-1, 74974 S/N S-8177-3, LW12987 S/N S-8177-2, and LW12987 S/N S-8177-4. Replaced oil drain back tubes with fabricated hoses. Complied with AD2015-19-07 fuel injector lines and clamps, found satisfactory, next due at 3942.6 tach time. I certify that this engine has been inspected in accordance with an Annual Inspection and has been found to be in an airworthy condition at this time.


Michael Craig A&P 2706940 IA

DATE

19

Total Flight Solutions

450 Airport Road, Louisburg, NC 27549. Tel: 919-340-8801

Date: April 26th, 2022

Reg: N211CT Tach: 3786.43

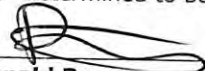
Serial #

Engine: L2917-51A

TSMO

1257.63

I certify that an **annual inspection** has been performed on this engine in accordance with Mooney M20 manual and Lycoming operator's manual. Drained oil and replenished with 7 quarts Phillips 20W50 oil. Removed oil filter and inspected for contamination, none found installed new Champion CH48110-1 filter. Cleaned, gapped, tested, and reinstalled all spark plugs. Inspected hoses, exhaust, fuel and induction systems and accessories. Replaced air filter with new Brackett air filter. Checked and set magneto to engine timing. Performed differential compression test results as follows: **#1 78/80 #2 70/80 #3 78/80 #4 70/80** AD's researched through Biweekly issue 2022-07/08 complied with **AD 2015-09-07** fuel injector lines clamps and fittings, no fault found next due at 3919.93 AFTT Ran up engine, all indications normal. Engine determined to be airworthy and returned to service


 Donald Berry

2685138 IA

DATE

19

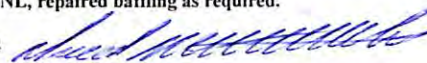
RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE
DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)


Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center
Engine

N211CT 10-28-2022 Tach: 3813.89

- Replaced starter with new 149NL, repaired baffling as required.

David Mathiesen A/P 2777904



Air Mods and Repair, Inc.

-2-2020 Tach:3688

- • C/W Annual inspection & servicing IAW *Mooney* inspection form and requirements of FAR 43 Appendix D.

Continued:

N211CT Annual, Engine, 1-2-2020, continued:

- Removed both magnetos from engine, disassembled both mags, cleaned, inspected and performed 500 hr servicing as follows: RH: R&R 10-382585 points and

I certify that this Engine has been inspected in accordance with the requirements of the applicable Code and was determined to be in Airworthy condition.

Eric L Balke
A&P 3184935 IA

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				
KNK AVIATION				DATE: 3-25-2021
210 KESTREL DRIVE				REGISTRATION NUMBER: N211CT
SPRING BRANCH TEXAS 78070				TACH TIME: 3735
210-995-3107				TOTAL TIME: 3758.50
				TSMOH: 1206.20
Accomplish annual inspection IAW Mooney M20F service manual. Differential compression test #1 78/80 #2 69/80 #3 79/80 #4 70/80. Drained oil, replaced filter with AA48110 and serviced with Philips XC20W-50 oil and 1 pint of cam guard. Opened filter no metal found. Cleaned and gap spark plugs, replaced engine driven vacuum pump P/N 215CC, ran engine, operation and leak check normal. All AD's up to date see AD list. I certify this aircraft is in airworthy condition.				
Keith Kehoe A&P 4301512				
I certify that this aircraft or component has been inspected IAW an annual inspection and found to be in airworthy condition.				
Ron Fisher IA 467065931				

DATE:11-2-18
REGISTRATION NUMBER:N211CT
TACH TIME:3607.64
TOTAL TIME:3631.14
TSMOH:1078.84

I certify that this aircraft or component has been inspected in accordance with an Annual inspection and found to be in an airworthy condition.

Ron Fisher IA 4670659319

*Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center*

N211CT 10-2-2019 Tach: 3679.1

- Removed #1 and #2 cylinder exhaust risers, removed all 4 intake pipes, R&R #2,3 and 4 cylinder intake pipes with newer style PN's:78742, 78743 and 78744. Installed 4 each PN: 77569 o rings on intake pipes. Reinstalled #1 and #2 exhaust risers using new PN: 77611 gaskets.
- Removed fuel injectors, cleaned, inspected and reinstalled.
- C/W AD15-19-07 fuel injector lines 1AW MSB 342G.
- Ran engine and set idle mixture.

Eric L Balke
A&P 3184935 IA

[illegible]

CAUSLY VIATION

Conducted annual inspection I A W scope and detail of FAR 43.13 appendix (d) and Manufacturers maintenance manual as a guide
Compressions #1 73/80, #2 74/80 #3 72/80, #4 74/80 (low of the day 43/80) Drained oil. Cut and inspected filter. Took oil sample. Filter element showed no abnormalities. Installed new CH48110-1 oil filter and serviced with 8 quarts of Aeroshell 15W50 and 12oz of Cam-Gard. Cleaned and gapped plugs and verified proper magneto timing. Inspected magneto points for wear. None found. C/W AD2011-26-04 by inspection of fuel injector lines. Next due at Tach 3543.56 or 5/2016. Chris Michael for Casey Aviation WO#13631.

EWCR750D

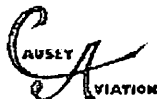
INSP _____
AIRFRAME TOTAL TIME 3458.56
ENG 1 SMOH (LEFT) 914.76 (RIGHT) _____
STATIC CHECK & ALT. DUE 4/2016
TRANSPONDER TEST DUE 4/2016
ELT BATTERY REPLACEMENT DATE June 2017
OIL TYPE Aeroshell 15W-50

Total Flight Solutions

I certify that a **50 Hour oil change** has been performed on this engine in accordance with F.A.A regulations and Lycoming M.M. Drained oil and replenished with 7 quarts Aeroshell 15w50 oil. Removed oil filter and inspected no metal found. Installed a new Champion CH48108-1 oil filter. Ran up engine, all indications normal. Engine determined to be safe for flight and returned to service


Donald Berry 2685138 A&P

[illegible]



Make: MOONEY Model: M20F Reg. No: N211CT
Order No.: 13222 Completed: 11/18/13
S/N: 670083 Tach Time: 3407.73 TTAF:
Engine Log Type: LycomingIO360A1A S/N: L2917-51A

Drained oil, took sample inspected filter (no abnormalities). Installed new CH48110-1 filter. Added 12.8oz CamGuard and serviced the rest of the way with Aeroshell 15W50. Ops check, no leaks.-end Edward W. Pettee for Causey Aviation Services Inc.

Causey Aviation Services, Inc.
6120 Smithwood Road
Liberty, NC 27298
CRS EWCR750D



Make: MOONEY Model: M20F Reg. No.: N211CT
Order No.: 13310 Completed: 04/09/14
S/N: 670083 Tach Time: 3419.02 TTAF:
Engine Log Type: LycomingIO360A1A S/N: L2917-51A

Conducted annual inspection I.A.W. scope and detail of FAR 43.13 appendix (d) and Manufacturers maintenance manual as a guide. Compressions #1:78, #2:72 #3:70, #4:76/80. Drained oil, Cut and inspected filter, Took oil sample. Filter element showed no abnormalities. Installed new CH48110-1 oil filter and serviced with Aeroshell 15W50. Cleaned and gapped plugs, verified proper magneto timing and adjusted mixture. Complied with AD 2011-26-04 Fuel lines. Paragraph (I)&(J). All sat. -end Edward W. Pettee for Causey Aviation Services Inc.

Causey Aviation Services, Inc.
6120 Smithwood Road
Liberty, NC 27298
CRS EWCR750D

CTIONS, TESTS, REPAIRS AND ALTERATIONS
WITH NAME, RATING AND CERTIFICATE NUMBER OF
TY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 4/9/14 WO# 13310

I CERTIFY THAT THIS ~~(AIRFRAME)~~ ENGINE WAS SERVED

INSPECTED IN ACCORDANCE WITH (A) (AN) ANNUAL

INSPECTION AND APPROVED FOR RETURN TO SERVICE.

INSP. [Signature]

AIRFRAME TOTAL TIME 3419.02

ENGINE SMOH (LEFT) 875.22 (RIGHT) 0

STATIC CHECK & ALT. DUE 4/16

TRANSPONDER TEST DUE 4/16

ELT BATTERY REPLACEMENT DATE 2-13

OIL TYPE 15W50

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Total Flight Solutions
450 Airport Road, Suite 200
Louisburg, NC 27549 Tel: 919-497-5511

Date: 11/13/2014 Reg: N211CT Tach: 3454

Completed 50 hour oil change drained engine oil and removed oil filter, cut open oil filter no metal found. Installed new champion CH48110-1 filter and replenished with 7 Qts Aeroshell W100plus oil. All work in accordance with Lycoming operator's manual and Mooney M20 maintenance Manual. Operations check found satisfactory. Engine returned to service

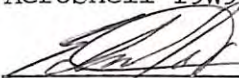
[Signature] 2685138 A&P
Donald J. Berry

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				12/01/2011 N211CT SN-M20F670083 HM 3349.0 Drained oil; removed oil filter and cut open. No defects noted. Installed new oil filter PN CH48170-1 and added 8 quarts Aero Shell 15W50. Degreased and ran engine. No leaks noted. Todd Hatfield Causey Aviation Service, Inc. 6120 Smithwood Road Liberty NC 27298 <i>Todd Hatfield</i> A&P 2738575
2/1/12	3353.5	3368.5		Changed Filter. Reinstalled New Filter + safetwired. Compression check. #1 75 #2 68 #3 66 #4 66. Propeller Governor removed for function Bench Check. Reinstalled Prop Governor. ops checked Sals Factory. Reassembled generator with New Bolts, Nuts + New Belts Prop Conditions good in New Seal. Reinstalled safetwired ops checked Satisfactory as #12703 Benjamin L Davis for AP 2011-26-04 Turbine Serviceable Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				DATE <u>2/1/12</u> R/O # <u>12703</u> CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP <u>Benjamin L Davis</u> Causey Aviation Services, Inc. AIRCRAFT TOTAL TIME <u>3353.5/3368.5</u> 6120 Smithwood Road ENGINE SMOR (LEFT) <u>824.2</u> (RIGHT) <u>824.2</u> Liberty, NC 27298 CRS EWCR 750D TATIC CHECK & ALT. DUE: <u>3-12-2-14</u> TRANSPONDER TEST DUE: <u>3-12-2-14</u> BT BATTERY REPLACEMENT DATE <u>4-13</u> IL TYPE <u>AF 15W50</u>
2/1/12	3353			AD 2012-03-06 NA No Record of Any Fuel Turb. Servo Repair, Overhaul, or replacement after the effective date of May 20 2010. Benjamin L Davis EWCR 750D

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2010 3-18	3293.2		704.2	DRAINED OIL AND CHANGED OIL FILTER. REFILLED WITH AEROSHELL 15W50. RAN AND CHECKED FOR LEAKS. COMP CHECKED 1-70/80 2-75/80 3-70/80 4-72/80. INSPECTED FUEL INJECTION LINES AND CLAMPS PER AD 2008-14-07 (8/14/2008) PER PAA(K) - NEXT DUE 3393 HOURS. <u>Charles Causey A&P 1894376</u>
DATE <u>18 MAR 2010</u> W/O <u>12026</u> I CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. <u>Charles Causey 1A1894376</u> AIRFRAME TOTAL TIME <u>3293.2</u> ENGINE SMON (LEFT) <u>704.2</u> (RIGHT) _____ STATIC CHECK & ALT. DUE: _____ TRANSPONDER TEST DUE: _____ ELT BATTERY REPLACEMENT DATE: _____ OIL TYPE <u>SHELL 15W50</u>				
9/2/10	TACH 3306			Changed oil & filter. Refilled Perashell 15W50. Oil Sample taken. Degreased engine area. Run up checked Satisfactory no leaks at filter or drain. <u>Benjamin L Davis 174P2689926</u>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/12/11	3327.3		3342.3	Changed oil & filter Refilled Perashell 15W50. oil sample taken formal results. PW AD 2008-14-07 Fuel Inj. lines inspected & found Satisfactory. Next Due Maint on 3442. Removed oil Verathum Test & found Defective. Installed New Verathum PN 53E22144. 0.11211 - 115388994 D10 RevC 178065. Compression Check #1 & 3 72/80 #2 & 4 79/80. <u>Benjamin L Davis for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D</u>
DATE <u>4/12/11</u> W/O <u>12449</u> I CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) <u>ANNUAL</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE. <u>Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D</u> INSP. <u>Benjamin L Davis for</u> AIRFRAME TOTAL TIME <u>3342.3</u> TACH <u>3327.3</u> ENGINE SMON (LEFT) <u>798</u> (RIGHT) _____ STATIC CHECK & ALT. DUE: <u>8-12</u> TRANSPONDER TEST DUE: <u>3-12</u> ELT BATTERY REPLACEMENT DATE <u>4/13</u> OIL TYPE <u>Perashell 15W50</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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				26 May 2003 N211CT Tach 3244.54
				Changed engine oil, installed new oil filter and serviced with 8 quarts of AeroShell 15W50. WO # 11242
				 Edward W Pettee AT3069938 A & P Causey Aviation Service 6120 Smithwood Road Liberty, NC 27298
2/24/09	3260.7		3671.7	Compression check #1 7 1/80 #2 7 5/80 #3 7 1/80 #4 7 0/80. oil sample taken. Changed oil + filter. AD 2009-02-03
AD 2008-14-07	Next Due			NA Due to no repairs, overhaul on serial at By 2/2010 3360.01 During or after Aug 22, 2006. Date. CWAAD 2008-14-07 Eng. Maint. Inspected fuel try lines serviceable. WO # 11582 Benjamin L Davis for Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				DATE <u>2-24-09</u> W/O # <u>11582</u>
				I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN). <u>annual</u>
				INSPECTION AND APPROVED FOR RETURN TO SERVICE.
				INSP. <u>Benjamin L Davis for</u>
				AIRFRAME TOTAL TIME <u>3260.7</u>
				ENGINE SMOR (LEFT) <u>671.7</u> (RIGHT) _____
				STATIC CHECK & ALT DUE: <u>12-09</u>
				TRANSPONDER TEST DUE: <u>12-09</u>
				ELT BATTERY REPLACEMENT DATE <u>3-2011</u>
				OIL TYPE <u>Aeroshell 15W50</u>
10/6/09	3281.3			changed engine oil, installed new filter and serviced with Aeroshell 15W50. WO # 11587 Degreased Eng, No leaks noted Todd Hayduk AD 2738575

DATE 2006	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7 Nov.	3204.23		1504 630.23	(Cont. from previous page) AD 2006-06-16 (27 APR 06)
	AFTI	3219.23		N/A - engine not w/h or crankshaft replaced prior to effective date, and not listed in Table 1 of Lycoming
				MSB 566 Supplement No 1 (30 NOV 05). AD 2006-20-09 (03 NOV 06)
				N/A - engine not listed in Table 1 in Lycoming MSB 569A (11 APR 06).
				Lycoming MSB 566 (11 July 05) N/A - engine not listed in Table 3. Lyc-
				oming SI No 1105B (05 MAY 06) N/A - P# 73383 lockplate installed.
				Secured oil dipstick shroud. Replaced magnetos rebuilt by TCM.
				L May - M# S4LSC-200 WO# P15663
7 Nov. 2006			10501	P# BL-600644-1 17 OCT 06
				S# E06GA036R
				R May M# S4LSC-204 WO# P14335
				P# BL-600644-1 20 SEP 06
				S# E06HA557R
				Test Run - good WO# 10501
				Charles D. Coney A#P1494396

DATE 2007	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
APR 14	3214.48			changed oil (No filter) - used Aeroshell 15W50 - adjusted Prop Pitch (stop on governor)
				2008
08 JAN	3233.23		TSOH 659.23	Compression Test #1) 75, #2) 77, #3) 74, #4) 69/80. Changed oil and filter. Oil sample taken. Replaced Brackett induction filter. CW
	AFTI	3248.23		AD 2002-26-01 (31 JAN 03) by insp. REF Lyc. SB 342D. Re- placed the Spark plugs. (CW Lycoming SB 388C dated 22 NOV 04 Part I. #1) .015, #2) .021, #3) .016, #4) .024.
				Test run - good no leaks. Engine
				was serviced and inspected (aw
				Mooney MM P# 106 dated 01 NOV 05
				and Lycoming Operator's Manual PH
				60297-12 dated Sep. 07.
				AD 2002-26-01 due annual or tach 3333
				100 hr insp. due @ 3633 tach
				oil in 3 months or tach 3283.
				100 hr insp. due @ 3304
				500 hr insp. due @ 3704.

Canary Aviation Services, Inc.
6120 Smithwood Road
Liberty, NC 27268
CRS EWC7500

08 JAN 08 11034
CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN
INSPECTED IN ACCORDANCE WITH (A) (AN) annual
INSPECTION AND APPROVED FOR RETURN TO SERVICE.
INSP. Donald W. Peter
FRAME TOTAL TIME 3248.23
ENGINE SMOH (LEFT) 659.23 (RIGHT) _____
STATIC CHECK & ALT. DUE: 12/09
TRANSPONDER TEST DUE: 12/09
ELT BATTERY REPLACEMENT DATE: 10/08
OIL TYPE: Aeroshell 15W50

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2006 5/23	3180.5			Cleaned Exhaust Valve, Stems, Guides Exhaust Valve Guides, Inspected Exhaust Pipes and Exhaust Muffler. Changed Oil and Filter. Filled with Aeroshell 15W-50. Cleaned Finger Screen in Fuel Servo. Degreased Engine. Richard C. Pahnke A&P 450963498

06/05/2006 N211CT Tach 3180.5

Changed oil and filter. Filled with Aeroshell 15W-50. Complied
With Lycoming Service Bulletin 388 by cleaning exhaust valve stems,
Reaming exhaust valve guides, and checking stem to guide clearance.
Inspected exhaust muffler for cracks and internal baffle attachment.

Richard C. Pahnke A&P 450963498

Richard C. Pahnke

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/1/06	3192			Checked Dry Tappet Clearances per LYO SSPD76 Flow checked Nozzles + Replaced #3 Cyl Nozzle due to nozzle Crack Ring. Gaskets replaced as needed operation checked OK, no leaks at Gaskets AD2002-26-01 Fuel Nozzle liner leak checked OK. Clamps Secure + Serviceable Next due 7/07 or 2292 on Maint. WO# 10345 Benjamin L Davis for EWCPR 750D A&P 450963498 Comp Check #1, 2, 4 7/80 #3 7/80 - B/D
2006				
7 Nov. 2006	3204.23		750H 630.23	Compression check #1) 72, #2) 72, #3) 75, #4) 68/80. Changed oil and filter, serviced with 8 qts of Aeroshell 15W50. CW AD 2002-26-01 (31 Jan 03) by inspecting fuel injector lines. cleaned fuel injector nozzles. AD 2006-10-21 (22 June 06) N/A - no ECI components installed. AD 2006-12-07 (11 July 06) N/A - no ECI components installed.

next page →

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/10/04	3129.38			TIRE 3144.38 Removed starter and Replaced TTSMOH 585.38 with a ^{new} overhauled starter P/N 149-12PM 3/IN F 2 P-320308. Starter operational check was good at this Time. Kevin Doyle, AIP 171645121
5-3-05			3144.98	Changed oil + FILTER 8QT 8 Added 15W50 Leak check + FILTER inspected. John SB #565 NA by date ASE 1713664
7/29/05				LYCOMING SB566 CRANK SHAFT REPLACEMENT Major Overhaul 10/16/04 checked crankshaft S/N 1 LYCOMING Model T-360A1A, P/N 1-2917-51A 1 SB Does Not Apply Ken Jacobson

DATE 2005 10	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
18 OCT	3156.7		TSOH 612.7 597.7	Comp. test #1) 70, #2) 76, #3) 76, #4) 71 / 80 Changed oil and filter, serviced with 8 qts of Aeroshell 15W50. Used owner supplied oil sample kit. CW AD 2002-26-01 (31 Jan 03) by Insp. REF Lyc. SB 342 D next due 10/06 or 3256.7 tach. AD 2005-19-11 (21 OCT 05) N/A per OVH date and not listed in Table 3. CW Lyc. MSB 565 dated 21 Feb 05 by comparing manufacturing # on fuel pump N/A #154739706. Test run good. Replaced oil cooler hoses with Teflon made by Aviall. WO # 9947
				18 OCT 05 W/O # 9947 CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (AN) annual INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. <u>Donald W. Peters</u> SIGNATURE TOTAL TACH 3171.7 / tach 3156.7 ENGINE SMOH (LEFT) 612.7 (RIGHT) 597.7 ENGINE CHECK & ALT. DUE: _____ EXTENSION TEST DUE: _____ NEXT REPLACEMENT DATE _____ Aeroshell 15W50
				Causey Aviation Services, LLC 6120 Smithwood Road Liberty, NC 27298 CRS EWC 750D

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	3095			CHANGED OIL + FILTER, FILTER INSPECTED, 89TS 15W50 + (1) CH48110-1 FILTER <i>John</i> EWCLT50D WO TH 9/9/
	3109.69	3124.69		M20F N211CT S/P 670083 R/H FUEL TANK REMOVED FUEL LINE FROM PUMP TO FUEL FILTER. BLOW LINE TO CLEAN OUT ANY OBSTRUCTIONS. RECONNECT FUEL LINE FROM PUMP TO FUEL FILTER, FUEL ADDED TO TANK NO LEAKS NOTED <i>John</i> A+P 261808032

[illegible]

DATE 2002	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-6	3009		465 SMOH	compression ck. @ 76 @ 78 @ 74 @ 76/80 oil + TT 3059 FILTER CHANGED 89TS 15W50 AND (D) CH48110 FILTER. REPLACE INTAKE GASKETS, AIR FILTER, EXHAUST GAS VALVES CW AD93-02-05 ON INJECTOR LINES, DATE 6-6-02 W/O # 8312 I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) ANNUAL INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. JPL FOR AIRFRAME TOTAL TIME 3024 / 3009 ENGINE SMOH (LEFT) 465 (RIGHT) STATIC CHECK & ALT. DUE: TRANSPONDER TEST DUE: ELT BATTERY REPLACEMENT DATE: OIL TYPE 5W50 15W50 Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS FWCR 750D
7-19-02	3035	TT 3085	491 SMOH	change oil + Filter added (8) 15W50 (D) CH48110 ① Rem 38E to #4 TOP RSEWCR 750D

DATE 2003	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
02 MAY	3069.9	3119.9	525.9	Changed oil and filter. Serviced with 8qts of Aeroshell 15W50. Degreased and test run. no-leaks. Lubed engine controls. Donald W. Piteas for CRS EWCR 750D
08 AUG	3067.07	3082.07	523.07	Compression test #1) 77, #2) 77, #3) 76, #4) 75/80 Changed oil and filter, serviced with 8qts of Aeroshell 15W50. CW AD 2002-26-01 (01/31/03) by inspecting fuel injector lines. Repaired the fuel servo RSA-54-D1 P#2524054-10 S#15269/41 BRS Aircraft Parts & Accessories Inc. WO# R03-038957 dated 07/15/2003. Installed a overhauled vacuum pump (see airframe log). Test run. good. DATE 08 AUG 03 W/O # 8811 I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) (AN) Annual INSPECTION AND APPROVED FOR RETURN TO SERVICE. INSP. Donald W. Piteas AIRFRAME TOTAL TIME 3082.01 / tach 3067.07 ENGINE SMOH (LEFT) 523.07 (RIGHT) STATIC CHECK & ALT. DUE: NOV 03 TRANSPONDER TEST DUE: NOV 03 ELT BATTERY REPLACEMENT DATE June 04 OIL TYPE Aeroshell 15W50 Causey Aviation Services, Inc. 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

DATE 2000 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-15	2903	374	2918	change oil + FILTER 8 QTS 15W50 Added AAR (1) CH48110 FILTER, Leak checked OK John EWCR750D
5-1-01	2919	390	2984	INSTALLED oil separator kit (see 337) Replace muffler with serviceable muffler c/w AD 93-02-05; c/w SB# 549 did not apply, Removed both mag's Replaced points in both + oil seal in lt. mag, Replaced (1) spark plug Replaced #4 intake gasket, changed oil + filter, 15W50 Took oil sample OK normal, Replace exhaust gaskets + hardware
DATE 5-1-01 W/O # 7629				John For
I CERTIFY THAT THIS (AIRCRAFT) (ENGINE) HAS BEEN				W/O # 7629
INSPECTED IN ACCORDANCE WITH (FAA) (ANNUAL)				
INSPECTION AND APPROVAL RETURN TO SERVICE.				Cursey Aviation Services, Inc.
INSP John For				6120 Smithwood Road
AIRFRAME TOTAL TIME 2934 / TACH 2919				Liberty, NC 27298
ENGINE SMOH (LEFT) 390 (RIGHT)				CRS EWCR 750D
STATIC CHECK & ALT. DUE: /				
TRANSPONDER TEST DUE: /				
ELT BATTERY REPLACEMENT DATE: /				
OIL TYPE 15W50				

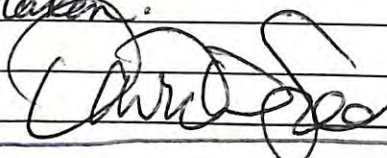
DATE 2001 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-19-01	2950	421	3015	CHANGED OIL & FILTER - INSTALLED (1) CH48110 OIL FILTER & ADDED 8 QTS AEROSHELL 15W50 OIL SAMPLE TAKEN. DEGREASED & LEAK TEST. NO LEAKS NOTED. Doug Brown AIP 241414302
12-26-01	2976.0	447	3041	Changed oil & filter, serviced w/ 8 qts of Aeroshell 15W50, test ran no leaks. oil sample taken. Donald W. Peters for CRS EWCR 750D
2002				
01 APR	2990.81		3055.87	Removed exhaust system. Pressure checked muffler; replaced flange gaskets and bolts as needed; cleaned flange and mating connections. Test ran OK Donald W. Peters for CRS EWCR 750D
	ET 504	3461.87		

DATE 7000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE 504	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/10/00	2803		274	Comp Check #1 + 4 7000 # 2730 # 3 21/80 Changed oil + filter refilled Peroshell 15W50. CW AD 93-02-05 Trap of Fuel Injection Secure + No Leaks. Replaced #2-3-4 Intake Gaskets. WO # 7000 Benjamin L Davis for
				Causey Aviation Services, Inc 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D
DEST 3/10/00 7000 2000 I CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH (A) AND (B) <u>Annual</u> INSPECTION AND APPROVED FOR RETURN TO SERVICE INSP. <u>Benjamin L Davis</u> for AIRFRAME TOTAL TIME <u>2818 / 2803 HM</u> ENGINE SNOW (LEFT) <u>274</u> (RIGHT) _____ STATUS CHECK & ALT. DTE: <u>11-01</u> TRANSPONDER TEST DUE: <u>11-01</u> EXT BATTERY REPLACEMENT DATE <u>12-01</u> OIL TYPE <u>Peroshell 15W50</u>				

DATE 7000	RECORDING TACH TIME	TODAYS FLIGHT 504	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/20/00	2821	292		CAUSEY REPLACED OIL TEMP PROBE & CONNECTOR
5/10/00	2838	309		CHANGED OIL & FILTER; WORK DONE @ CAUSEY PUT IN 15W50; done by J. Glenn
				TT 2853
				CHANGED OIL + FILTER, INSTALLED (1) CH 48110 AND (8) 15W50 - LEAK TEST NORMAL <u>John</u> EWCR 750D
9-6-00	2867	338		CHANGED OIL + FILTER, SAMPLE TAKEN INSTALLED (1) CH 48110 AND 8, 15W50 AND SYSTEM LEAK CHECKED <u>John</u> WO # 7298 Causey Aviation Services, Inc 6120 Smithwood Road Liberty, NC 27298 CRS EWCR 750D

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-15-89	Tach	2056.5	Total Time 2699.5	5M 155.5
Completed an Annual inspection this date. Compression check #1-75, 2-74, 3-75, 4-75. Changed oil & filter, serviced with 8 qts 100W Acroschell. I cleaned and gapped spark plugs replaced induction air filter, 1/4s AD 93-02-05 inspected fuel injection lines, next due at 2156.5 Tach, 1-15-00, or whenever lines are disturbed, washed engine, run-up leak and opps checked. I certify that this powerplant has been inspected in accordance with an Annual inspection and has been found to be in an airworthy condition. James D. Burns FA 266883042				
4/7/99	Tach	2086	CHANGED OIL & FILTER	W/ ACROSHELL 100W & CH48110 FILTER
			1/2 P 23721727	

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5-29-99	2115			Mooney M20F N211CT WO# 6638
				Changed oil and filter 8 qts. 15W50 and CH48110 filter added.
				Install Gov. adjust screw and adjusted.
				Adjust Left flap up to 0° and rigged left aileron.
				EWCR 7500
17 SEP	2141.6	tach		Changed oil and filter, serviced with Acroschell
	2764.6	TT		W100AD+(plus), inspected filter, test ran - ok.
	241.1	TSMOH		Adjusted the mixture for proper shut down. Adjust- ed the governor for take-off RPM. WO 6820
				Donald W. Petre A&P 241458269 IA

DATE 19 ⁹⁸	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/26	1923			Oil Change + Filter Added (1) CH48110 AND 8 qts shell 100 min. Tightened SAM NUT ON PROP Gov. oil Line AT Gov. oil sample TAKEN John EWCR7500
4-11	1943		2586	Changed oil and filter. Serviced with 8 qts aeroshell W-100. Sample taken.  API 86568862
5MOH 42				
6-1-98	1969			changed oil + Filter - Added 8 shell 100 W oil AND (1) CH48110 FILTER TEST RUN - NO LEAKS John EWCR7500

DATE 19 ⁹⁸	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/12/98		Tach Time	1996.41	Changed oil + Filter Serviced with 8 qts W100 Aeroshell oil + CH48110 Filter oil sample. Put Filter open NO metal at This Time Run up NO leaks Michael Hawks AP266217228
10-6-98	2021			oil AND FILTER CHANGE 8 qts shell 100W Added Filter inspected - TEST RUN - John (1) CH48110 FILTER WO#6344 EWCR7500
10-22-98	2021			Replaced #1 Intake Pipe with new SEAL AND GASKETS John EWCR7500 WO#6344

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03/20/97	TACH TIME		1968.32	A/C N 9500M
				REPAIRED THREE SCREWS TO LEFT MAGNETO COVER.
				CHANGED OIL AND FILTER WITH AEROSHELL 15W50
				AND OIL FILTER PART NO. CM4811D. RAN FOR ^{AT} ENGINE
				AND CHECKED FOR OIL LEAKS. CHECK O.K.
				(John) & (Judy) 000 24 7507 A+P
10/20/97				MAJOR OVERHAUL IAW. LYCOMING SERVICE
				MANUAL # 60294-7 AND APPLICABLE SB'S, SL'S, & SLS.
TACH	1901			REPLACE ALL CYLINDERS W/ FACTORY NEW ASSYS
TOTAL	2544			WHICH WERE FLOW MATCHED, REFER TO Y-TAGS. ALL
SMOH	0			PARTS NOT CONFORMING TO NEW TOLERANCES WERE
				REPLACED, CRANKCASE WAS RECONDITIONED (REFER TO ATAX
				INSPECTION LIST. CAMSHAFT & LIFTERS REGROUP, NEW OIL
				PUMP GEARS INSTALLED, CRANKSHAFT GEAR REMOVED IAW
				SB 475B, CRANKSHAFT INSPECTED. CON RODS REBUSHED,
				NEW BOLTS & NUTS. COMPLIED W/ AD # 91-14-22,
				BY REMOVAL OF GEAR & NEW BOLT, SEE YT, C/W AD 81-18-04

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				CONTINUED BY INSTALLING SET OF STEEL IMPELLERS. COMPLIED
				WITH SB 518A BY INSPECTOR OF VERNATHERM VALVE.
				C/W SI 1123C (CRANKCASE DOWNERS INSTALLED) BY ATAX.
				by D. Schult AT&P 261-34-2469
1/8/98		TEST	RAN - TEST FLIGHT -	D. Schult AT&P 261347469
1-8-98				
TACH	1901			Reinstalled on Mooney M20F serial # 670083
TOTAL	2544			NZ11CT. Installed old fuel servo and
SMOH	0			flow divider by Southeast fuel systems. Oil
				cooler old'd by Pacific oil cooler service. Tail
				pipe repaired by Pawley Aviation. Installed new
				spark plugs. Serviced with 8 qts Aeroshell M100
				mineral oil. Installed precise flight stand-by
				vacuum system. Installed new air filter element. Installed
				new engine mounts Barry # 94011-20. Comply with AD
				93-02-05 on injector lines. I certify this engine has been
				inspected IAW an annual inspection and is airworthy
				at this time David Dean IA186568862

"Annual 96"

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	11-7-96	Tach	1754.18	1508.38 SMOH 2397.8 TTALC
	(1)	Changed oil & filter, installed 8 qts 1550 Aeroshell.		
	(2)	Compression test 74, 78, 75, 75/80.		
	(3)	Removed and cleaned inj. nozzles and fuel screens - C/W AD 93-02-05 Fuel Inj. line inspection - due ea 100 hrs - Next due 1854.18 - OK at this time		
	(4)	Replaced air filter element.		
	(5)	Removed starter MZ422 & replaced w/ SKY-Tec p/n 149-12 PM per BTC SE00218NY. Reversed w/ & bal.		
	(6)	Removed prop - installed new ring gear p/n 72566 Replaced w/ shaft nose seal & gear belt. Reinstall prop - torqued & oilied		
	(7)	Replaced damaged spinner - certify that this Engine bulkhead & new. Dressed has been inspected in accordance with a and painted prop. Annual inspection and a 25 hr		
	(8)	C/W AD 75-09-08 Eng mount insp. - Due ea 100 hrs - Next due 1854.8. OK at this time		

"Annual 96" (Cont.)

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				(9) Replaced (4) plugs w/ new - cleaned & gapped 4. checked mag timing - Adjusted L.H. mag to spec. —
				(10) C/W Lyco S.B. 388B. Valve guide inspection - Due ea 400 hrs - all found w/in spec.
				(11) Adjusted idle mixture & speed - Runup and leak checked - none at this time — End —
				A+P/4/85882
FITCHBURG COLONIAL AVIATION INC. A/cft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-8795				

DATE

19__

RECORDING

TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEDESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

LOG BOOK ENTRY

AC REG.: N9506MACS/N: 670083DATE: 7-19-96HOUR METER: 1669:6hW/O NO: 7721 RS

CLEANED THE THREADS ON THE PROPELLER
CONTROL CABLE AT THE INSTRUMENT
PANEL MOUNTING AREA, ADJUSTED THE
REAR CABLE PANEL RETAINING NUT,
REINSTALL THE FORWARD NUT AND
RETIGHTENED SAME, PERFORM A
OPERATION CHECK OF THE PROPELLER
CONTROL AND FOUND TO BE SATISFACTORY.

Robert A. Amato
D.C.M.

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JUN 23 1996	1653		2281	Replaced ALL Fuel Lanying Lines Firewall FWD
			Fuel	Fuel pump To servo AE3660001G0270 Fuel pump to Firewall AE3660001G0184 Pressure gauge Line AE3660001B0454 SERVO to DEVIDER AE3660001E0172
			oil	SHORT COOLER LINE AE366012110500 LONG COOLER LINE AE366012110530 OIL PRESS LINE AE3660001B0190
				This Aircraft Good And FLT tested. No leaks Found, All System operate Normal
				Replaced oil DRAIN VALVE AND ELBOW Installed New Gaskets on Gov pad and Prop Gov.
				Installed New basket on oil Sump Replaced #3 Scavange Tube Replaced 2EA Baffel Spring on Cylinder Baffeling changed oil and Filter, Cut open Filter No particles Found Serviced ENGINE with Aero shell 15W50/cleaned Sump screen
				Douglas C. Helterbran FAA Licensed A and P Mechanic No. 287-66-1086 For The Mooney Mart

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
LOG BOOK ENTRY				
AC REG.: <u>N 9506 M</u>		AC S/N: <u>678083</u>		
DATE: <u>6-17-96</u>		HOUR METER: <u>1642.57</u>		W/O NO: <u>769018</u>
- Installed four new left^{right} gear shock discs Installed new spacer; collar and collar retaining Bolt Torqued Bolt as required Installed new shock link assy bushing; Bolt & nut. Torqued Bolt as required. - Installed four new left gear shock discs Installed new collar retaining Bolt. Torqued Bolt as required. Installed new shock link assy bushing, Bolt & nut. Torqued Bolt as required. Installed three new nose gear shock discs, new collar; spacer and new collar retaining Bolt. Torqued Bolt as required. Installed two new spindle bushings, Bolts and nuts. Torqued nuts. Installed new link assy bushing, Bolt & nut. Torqued nut. Installed new nose gear tire. Torqued & safetied nut as required.				
WORK ORDER# <u>769018</u> SIGN/TITLE <u>Wad Byrdin / Tech</u> EAST COAST AVIATION FAA CERTIFIED REPAIR STATION NO. OVTR738L HANGAR TWO-WEST HANSCOM FIELD BEDFORD, MA 01730 617-274-0105 East Coast Aviation FAA Certified Repair Station #OVTR738L				

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
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

MODEL M20F
S/N 6700083
REG. NO. N9506M
CYCLES



Raytheon
Aircraft Services Inc.

Hanscom Field
Bedford, MA
F.A.A. Certified Repair
Station No. RF5R169N

DATE 4/16/96
W.O.# 6901
HOBBS
TACH 1598.56

The Aircraft and or component identified above was repaired and inspected in accordance with current federal regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

DATE 4/16/96 SIGNED [Signature]

Drained engine oil and removed and replaced engine oil
filter P/N CH48110. Serviced engine with 7qts of AeroShell 15W-50.
Safety filter. Ground run and leak check satisfactory. — END —

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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LOG BOOK ENTRY

A/C REG.: N9506M

A/C S/N: 670083

DATE: 02-14-96

HOURLY METER: 1543.51

W/O NO: 7664RS

Run the engine to obtain an oil temp. Screened & drained oil. Removed oil filter & suction screen. Installed new CM42110 filter & reinstalled suction screen with a new gasket. Sealed and torqued both as required. Washed the engine. Added 7 qts of Aeroshell 15W50 oil. Cut open filter, no metal noted at this time. Engine run, with no oil leaks noted. Installed new fuel injection line, complying with AD 93-02-05, on the cyl #3 only, I/A/W 34213. Installed repaired exhaust manifold pipe on the cyl #1. See release tag.

WORK ORDER# 7664 RS

SIGN/TITLE Wood Johnson / Tech

EAST COAST AVIATION

FAA CERTIFIED REPAIR STATION NO. OVTR738L

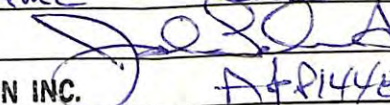
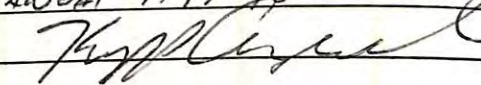
HANGAR TWO-WEST HANSCOM FIELD

BEDFORD, MA 01730 617-274-0105

East Coast Aviation

FAA Certified Repair Station #OVTR738L

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				"Annual 95" (cont)
				(7) Check AD 93-02-05 Fuel injector lines - Replaced cyl. #4 line w/ new. Installed all support clamps and brackets per S.B. Next insp due Feb 1582.8
				(8) Replaced all 4 E.G.T. probes w/ new. —
				(9) Replaced all flexible bottle seals w/ new. —
				(10) Replaced all cabin heat inlet & outlet scot hoses. —
				(11) Replaced eng. air filter element. —
				(12) Removed oil temp. probe - cleaned connections reinstalled w/ new gasket, torqued & certified.
				(13) y/w Lyco. Service Bulletin 518A Veeva Reson Insp. Found defective - replaced w/ new part #53E22144 slr 70502. Next insp. due annual 96. —
				(14) Replaced intake tube gaskets and seals cyl. #2 & 4. —
				(15) Replaced ram air door seal w/ new. —
				(16) Replaced all 4 RBC gaskets w/ new silicon type. —
				(17) Removed generator, cleaned armature - dressed and reassembled.

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				"Annual 95" cont.
				(18) Dressed and painted prop - greased fittings and flushed hub w/ new grease.
				(19) Removed and cleaned all fuel injector nozzles, cleaned all fuel screens.
				(20) Checked all controls for level of security - locked same. —
				(21) Checked eng. & cowling - Rump and lock checked none at this time — End —
				 A/P 14485082
				FITCHBURG COLONIAL AVIATION INC. Acft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795
2/17/96	Tach	1559.5		Check for Oil Leak None Found TAW Lycoming Manual A/P 465-11-5956 

"Annual 95"

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	10-14-95			Tach 1482.81 1237 SMOH.
				① changed oil & filter, installed 8 qts 15/50 Aerodell.
				② Compression test 74, 74, 76, 70/80.
				③ Removed both mag's - c/w 500 hr servicing/inspection. Replaced drive gear and coil bolts down in LH. mag - Replaced both main breaker points and oil seals in both mag's. Retuned to engine w/ new gaskets.
				④ Replaced ign. harness of new Stock custom assy. p/n M2364. Replaced 3 spark-plugs w/ new
				⑤ Replaced carb to throttle body coupling w/ new
				⑥ c/w AD90 04-0621 Prop gov. oil line - new line and fitting installed AD no longer applies.
				(cont) next page

10-14-95 Tach 1482.81
I certify that this Engine
has been inspected in accordance with a
Annual inspection and is in an
airworthy condition
[Signature] AD 4722221A

DATE 1991	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
08-08	1227			Chg. oil & filter - Phillips 20W50XC- repair #2 oil drain tube Paul Stuber 1358834 A & P
1992				
07-01	1276	TT 1904	SMOH 1031	Completed 100hr/ANNUAL insp. Drain oil - Service with Phillips 20W50XC1-CK. & Chg. filter - CK. comp. #1-76, #2-74, #3-74, #4-70/80 - clean & gap plugs - CK. exhaust system & heat muff - Remove nicks from prop - Wash engine & cowl - Remove prop governor for O'Hall by PRIME Propeller (W.D.#1054) - Reinstall & op. CK. - CK. mag timing - I certify this engine has been inspected in accordance with an annual inspection & found airworthy Paul Stuber 1358834 IA

DATE 1993	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Aug 1	1309		1937	SMOH 1064 Completed 100hr/ANNUAL insp. - Drain oil - Chg. & CK oil filter - service with Phillips 20W50XC - CK. comp. #1-70, #2-71, #3-72, #4-70/80 - clean & gap plugs - CK. mags & timing - CK. exhaust sys., heat muff, & engine controls - Remove nicks from prop. - Wash engine & cowl. I certify this engine has been inspected in accordance with an annual inspection & found airworthy Paul Stuber 1358834 IA
1994				
08-11	1361		1989	SMOH 1116 Completed 100hr/ANNUAL insp Drain oil - service with Phillips 20W50XC - Chg. & CK. oil filter - CK. comp. #1-74, #2-75, #3-75, #4-72/80 - clean & gap plugs - CK mags per B/D & Time to engine - install new gasket #3 intake - CK. engine controls & exhaust - Remove nicks from prop. - Wash engine & cowl. I certify this engine has been inspected in accordance with an annual inspection & found airworthy Paul Stuber 1358834 IA

DATE 1987	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Oct. 01				1626 TAC READS 998.0 Eng. II. Completed 100 hr / ANNUAL insp. - DRAIN OIL & SERVICE with Phillips 20 W50 XC1 - Chg. & CK. oil filter - CLEAN & GAP plugs - CK. mag. & Timing - CK. exhaust system & engine controls - REMOVE NICKS FROM PROP - WASH ENGINE & COWL - Certify this engine has been inspected in accordance with an annual inspection & found airworthy 3/0/4 753 Paul Stuber 1358834 IA

DATE 1989	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
03-01				1720 TAC READS 1092.0 Eng. II. Completed 100 hr / ANNUAL INSPECTION - DRAIN OIL & SERVICE with Phillips 20W50XC - Chg. & CK. oil filter - REPLACE SPARK PLUGS - REMOVE ALL CYLINDERS & RETACE VALVES & SEATS, INSTALL NEW RINGS & REINSTALL CYLINDERS USING NEW SEALS & GASKETS - C/W MD 77-12-06 ON PROPELLER by K. C. AVIATION CENTER - INSTALL BOMAN MAGNETO ON P/H POS. (SN 7101057 P/N 10-163015-3) I certify this engine has been inspected in accordance with an annual inspection & found airworthy 3/1/4 847 Paul Stuber 1358834 IA

DATE 1976	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
04-01				1126 Completed 100 hr / annual inspection - Drain oil & Service with 20W50XC - CK & CLEAN filter - CK. comp. #1-78 #2-77 #3-77 #4-78/50 - CLEAN & GAP plugs - ck. exhaust system & heat muff REMOVE NICKS FROM PROP I certify this engine has been inspected in accordance with an annual inspection & found airworthy Paul Stuber 1358834 IA
05-01				91 TAC READS 1199 TT 1827 Completed 100 hr / ANNUAL INSPECTION - DRAIN OIL - SERVICE Phillips 20W50XC - Chg. & check oil filter - CK. comp. #1-76, #2-78, #3-77, #4-77/50 CLEAN & GAP plugs - CK. mag Timing - inspect exhaust & heat muff - REMOVE NICKS FROM PROP - WASH ENGINE & COWL. I certify this aircraft has been inspected in accordance with an annual inspection & found airworthy Paul Stuber 1358834 IA

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL IO-360 A1A

SERIAL L-2917-51A 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 _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.



The Standard

ENGINE LOG

ENGINE LOG

MOONEY AIRCRAFT, INC.

1985

MEMORANDUM

DATE

Aug. - 1 tax reads 856 completed 100 hr./annual inspection - checked comp. - All 71 or more/80 - clean, gap & test plugs - chg. oil & filter - CK. exhaust system - remove muffler for rebuilding & re-install - wash engine & cowling - CK. engine controls - clean nicks out of prop. I certify this engine has been inspected in accordance with an annual inspection & found airworthy

Paul Stubb
IA 13583V

1986

MEMORANDUM

DATE

Sept. 2 tax reads 901 Completed 100 hr./annual insp. Drain oil - service with Phillips 20 W50X0 I - CK. & chg. oil filter - CK. comp. #1-63, #2-67, #3-76, #V-64/80 - clean & gap plugs - CK. exhaust system & heat mott. - CK. controls - clean fuel nozzles - wash engine & cowling - remove nicks from prop. I certify this engine has been inspected in accordance with an annual inspection & found airworthy

Paul Stubb
13583V IA

PROPELLER INSPECTION AND REPAIRS

1983 INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
12-15	Joe Rends	766.76		Replaced Engine CASE	
				BECAUSE OF CRACK ON R/H HALF - CASE	
				NO. LW183955 & MAIN BEARINGS LW16 711 & 14W	
				13884, GASKET SET 75441-1	Ground RUN-
				up OK.	
				Paul Stuber	
				IAEP1358834	

PROPELLER INSPECTION AND REPAIRS

1984 INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
7-1	Joe Rends	781		Completed 100hr/annual inspection -	
				Clean & gap plugs - OK mag Timing - OK comp. All	
				70 or more / 80 - OK EXHAUST SYSTEM - OK CONTROLS	
				for security & operation - WASH engine & OK	
				All valves - I certify this engine has been	
				inspected in accordance with an	
				annual inspection & found satisfactory	
				Paul Stuber	
				IA1358834	

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.			
82											
4-24									THE 12EADS 596 - CK'd comp. #1 - 75, #2 - 61, #3 - 76, #4 - 71/80 - CLEAN & gap plugs - REPLACED EX. GAS. KETS 1 & 3 cyl's - CL. controls for security & operation - REPAIRED cyl. baffle #1 cyl. I certify this engine has been inspected in accordance with an annual inspection & found airworthy	Paul Stuber	IA1358834
BROUGHT FORWARD											
TOTALS											

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
83					TOP
6-1		TOC reads 737 - CK'd comp. #1, 2, & 4 cyl's below 30/80 - removed cylinders & installed new rings #1 & 73857 oil rings - RESEATED VALVES - REINSTALLED cylinders using ALL NEW SEALS & GASKETS - REPLACED oil filter & serviced with Phillips oil - CLEAN & gap plugs - PETIME mag's to engine - CLEAN fuel injectors - CK. ALL controls for security & operation - I certify this engine has been inspected in accordance with an annual inspection & found airworthy		Paul Stuber	IA1358834

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/											
1-14 TROFEALS 499 TT 1143 - CK. comp. #1-79, #2-75, #3-78, #4-76/80 - clean & gap plugs - CK. mag Timing - CK. exhaust system - CK. All controls for security & operation - cleaned, wicks out of prop. I certify this engine has been inspected in accordance with an annual inspection & found airworthy Paul Stuber IA1358834											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 79	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
									by BES Aircraft PART, Prop Overhauled by Dean's Aviation - install new generator belt & C/W A/D 72-21-06 per S/D #326 by installing new dowells - A/D 75-08-09 N/A - A/D 75-09-15 C/W with new gasket - A/D 78-23-10 N/A - 8-12 Installed new plugs REM38E - New ign HARNESS - NEW ENGINE MOUNTS \$9613-12 - USED ALL NEW GASKETS & SEALS - Serviced with Aeroshell 50 N.D. ground run & released for service		
BROUGHT FORWARD											
TOTALS											

Paul Stuber
AEP1358834

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.			
79	8-1									too rods 386. CK. comp. ALL 75 or better/80- clean & gap plugs - CK. Timing - CK. all controls for security & operation - CK. prop for nicks - change oil filter - CK. & clean fuel & air filter. I certify this engine has been inspected in accordance with an annual inspection & found airworthy	Paul Stabler	JA1358834
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.			
2/28									Changed oil and serviced with AeroShell 55 detergent.		
									John E Shatto		
									NDP 490608585		
7-1-78									Tach reads 210 TT 853 checked comp. #1-72, #2-73, #3-75, #4-70/80. Clean & gap plugs. Replace points in 1/4 mag, CK Timing. OK, & clean Oil screen. CK controls for security operation. Re-rigged cowl flap control. C/W AD 71-05-02 PAR. D (SCREEN insp.) I certify this engine has been inspected in accordance with the annual inspection & found airworthy.		
BROUGHT FORWARD											
TOTALS											

A/D's current thru 78-11

NDP 1358834

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.			
79 5-21									ENGINE MAJOR OVERHAULED THIS DATE - ALL STEEL PART MAGNATOLUXED BY K.C. Flying on W.O. # 3948 - New parts installed CAMSHAFT LW 12754, INTAKE SEAT LW 12688, INTAKE guide LW 11956 - INTAKE VALVE 73129, Ex guide 75838, Ex. VALVE 74802, - PISTONS 2W 10207, 7 , CAM follower 72877(8), hyd. plunger 78290(8), ALL NEW MAIN BEARINGS LW 11031 & LW 13884, RODS LW 10646(4), REAR ACCESSORY housing 76111 - OIL FILTER ADAPTER, ALL NEW HOSES (FUEL & OIL) - OVERHAULED MAGS & OVERHAULED STARKER, FUEL CONTROL OVERHAULED		
BROUGHT FORWARD											
TOTALS											
CONT NEXT PAGE											

CONT NEXT PAGE

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.			
5/1/76											
Tach Time 580:00 Cleaned & gapped plugs, cleaned oil screens, replaced rocker box cover gaskets, replaced #1 & 4 cyl. pushrod gaskets. Mag timing checked, eng. compression ckd. all cyl. 78/80, All ADs checked. I certify this Eng has been inspected & AWT an 100 hr. inspection & found to be in an air-worthy condition. Joseph W. Barry ATA 1673574											
5-1-76											
Tach & total time 580. I certify this engine has been inspected in accordance with an annual inspection & found to be airworthy. BROUGHT FORWARD AD's current thru 76-08 Paul Stricker TOTALS IA 1358834											

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.			
6/15/77											
Tach 96.46 Total 740.02 Cleaned & gapped Plugs, Performed compression Test all cyls 75/80, cleaned oil screen, charged oil Aeroshell 50, ALL AD's checked & clw repaired baffle, checked Eng mount per AD 75-09-08, I certify this eng. has been inspected IAW a 100 hr. insp and determined to be in an airworthy condition Joseph W. Barry JWB 1673574											
6/15-77											
thru 740. I certify this engine has been inspected in accordance with an annual inspection & found to be airworthy Brought Forward Total Stake 10/15 current thru 77-11 JWB 58834											

ENGINE LOG										LICENSE NUMBER
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.		
4-23-75										
Tack reads 520. Change oil Aero-shell oil. Check oil screen for metal. Check mag & timing. Clean & gap plugs. inspect exhaust system - Check compression. inspect prop, tighten gen belt.										
I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition. <u>R L Sandeman 1-A1329591</u>										
BROUGHT FORWARD										
TOTALS										

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

ited to be
R L Sandeman 1-A/329591

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.			
12-03-75									Tach reads 548:50, Complied with AD 75-09-15 fuel flow divider gasket replacement, Changed oil, Aeroshell 40	Joseph W. Barry	
										A/P 1623524	
5-1-76									Replaced fuel flow divider gaskets, changed oil, Aeroshell 40	Joseph W. Barry	
									Tach Time 550:00	A/P 1623524	
BROUGHT FORWARD											
TOTALS											

	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.
12-03-75								
Tach reads 548.50, Complied with AD 75-09-15 fuel flow divider gasket replacement, Changed oil, Aeroshell 40								
W. H. W. Barry								

Joseph W. Barry
ADP 1673524

~~5-1-76 Replaced all lifebuoys, A/P 1623544~~
~~Tach time 350:00~~

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.			
4-26-73											
Coast reads 494. C/w AD 71-5-2 by Removing #2 cyl and inspecting Main bearing Pulled oil screen and checked for metal found OK. Checked compression, Clean + gap plugs, Check valves + timing inspect exhaust system + heater. Check prop. Clean air filter. Check ram air control.											
I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition.											
BROUGHT FORWARD											
TOTALS											
R. L. Lardman											

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.			
3-29-74									tach reads 514. Changed oil, Check compression, clean & gap plugs, inspect exhaust system & intake pipes. Tighten gear belt, free Prop Control, free rpm air control. Check mag & timing. A.D. on Bendix mags Does not apply.		
I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition. R L Lander 1-A1329591											
BROUGHT FORWARD											
TOTALS											

N-9506M

FIGURE	LICENSE NUMBER
--------	-------------------

MECH SIGN AND NUMBER	
433.9	3823
TACK READS	WORK ORDER
TOTAL TIME	DATE

TACK READS TOTAL TIME DATE WORK ORDER NO.

Scard For Repair Station

SIGN

AIRCRAFT INC. Repair Sta. 4152

Hangar 7 Stapleton International Airport
DENVER, COLORADO 80207

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.			
3-20-72	Tach reads 449		Installed new oil ret. line L.F. Cyl.		Installed						
	new air duct (cow) to muff.		Max Meadows		ATP 1552020						

5-15-72 tach reads 457. Complied with AD 71-11-2
by-replaced valve lifters per S.B. 328. Complied with
A.D. 71-5-2 per S.B. 327A paragraphs 1 thru 5. Yours OK.
Changed oil Aero shell 50w. Checked compression
Checked mass + timing. Clear + go plug 2.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. 1122 Landon on 1-A1329591

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.			
4-13-70									Tach reads 315. Change oil Aero shell, clean screen. Clean + gap plugs. Check compression. Check exhaust system wash engine.		
I certify that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in an airworthy condition. <u>R. L. Lander</u> 1-A1329591											
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.			
5-10-71									Carb reads 396. Installed new-REM38K spark plugs. Checked Comp timing. Change oil. Add shell - clean oil screen. Check fuel injection screen. Check exhaust heat exchanger and system.		
I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition. <u>R L Lardeman 1-A 1329591</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.			
									Changed oil, Compression CKT good, screens clean, Cleanup, Washed down engine		
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be airworthy.											
TOTAL TIME <u>179:56</u>											
NAME <u>William P. Pender</u> K C PIPER SALES, INC.											
No. <u>TA 1260200</u> Box 366A 913 State 2-3122 R.R. 2 Olathe, Kansas											
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.			
									4-5-69 tach reads 197. Charge oil, Aero shell clean screen, cleaned all fuel injection screens, adjusted mixture on all, cleaned & gapped plugs, checked mags and timing, inspected exhaust stacks, checked gear & belt, checked compression		
I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition.											
R. L. Landema 1-A 1329591											
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.			
11/1/67									Changed oil, cleaned screen, checked compression & timing, cleaned & greased plugs		
ERHART FLYING SERVICE LAWRENCE, KANSAS											
I certify that this Aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be airworthy.											
A. D. Notes <u>12/28</u> Total Time <u>120</u>											
BROUGHT FORWARD <u>For Larry Hillen</u>											
TOTALS <u>AT P 142-7922</u>											

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.			
4/30/67									1st Check plugs, checked magnet timing, cleaned all screens changed oil.		
ERHART FLYING SERVICE LAWRENCE, KANSAS											
I certify that this Aircraft has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be airworthy.											
A. D. Notes: <u>4/2</u> Total Time <u>106</u>											
Brought Forward <u>At P14 27422</u>											
TOTALS											

ENGINE DESCRIPTION

Mfgr. LYCOMING	Place	Date 10-7-66
Type	Model IO-360 AIA	Serial No. L-2917-51A
Rated H. P.	Maximum H. P.	Weight (Dry)
Rated R. P. M.	Maximum R. P. M.	Oil Pressure
Bore	Stroke	Displacement
Compression Ratio	Supercharger Ratio	Cu. In.
Propeller HC-C2YK-1	Hub Design	Gear Ratio
Blade Design 7666-2	Blade Serial No.	Hub Serial No.
Maximum Hub H. P.	Maximum Blade H. P.	Blade Serial No.
Pitch	Diameter	Length
Owners Name	City	
Address	State	

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.			
1966											
PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY.											
10-6								2 15		<i>W.B. Budge</i>	
Notes: This engine installed in Mooney M-20F 10950614, Ser. No. 670083.											
BROUGHT FORWARD											
TOTALS											