

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

3a

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
CARRIED FORWARD						

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENT)

REG: N144BY

M/N: MOONEY M20J

S/N: 24-0034

DATE: 4/25/2025

TACH: 4465.96

COMPLETED OIL CHANGE FROM AEROSHELL MINERAL OIL TO AEROSHELL W100PLUS

REMOVED THE TOP AND LOWER COWLINGS, DRAINED THE ENGINE OIL REMOVED THE OIL FILTER SERVICED ENGINE WITH 7 QTS OF AEROSHELL W100 PLUS, OLD OIL FILTER CUT OPENED INSPECTED AND NO METALS FOUND AT THIS TIME NEW OIL FILTER INSTALLED AND TORQUE AND SAFTIED WITH 0.032 WIRE. CHECKED OIL PRESURE AS THE OWNER WANTED WITH A MECANICAL GAGE AND LOWERED THE OIL PRESURE BY 5 PSI RAN ENGINE TO CHECKED FOR OIL LEAKS NO LEAKS FOUND AT THIS TIME. REINSTALLED THE LOWER AND UPPER COWLINGS.

I CERTIFY THAT THE WORK MENTIONED ABOVE HAS BEEN ACCOMPLISHED IAW MOONEY M/M & AS PER FAR 43 APPENDIX D. AND THE AIRCRAFT IS FOUND TO BE IAW CONDITION AT THIS TIME.

SIGNED Luis Rosa Luis Rosa A&P 3544884

REG: N144BY

M/N: M20J

S/N: 24-0034

DATE: 5/5/2025

TACH: 4475.06

HOBBS:

A/CTT:4475.06

COMPLETED A LANDING GEAR INSPECTION IAW MOONEY M/M & FAR 43 APPENDIX D.

1. THE LANDING GEARS OPERATION CHECK , OPS CHECK 3 TIMES AS WELL AS EMERGENCY GEAR EXTENTION FOUND OK AT THIS TIME. ALL THREE GEARS WERE LUBED.

I CERTIFY THAT THE WORK DISCRIBED ABOVE HAS BEEN DONE IAW MOONEY M/M AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

SIGNED Luis Rosa Luis Rosa A&P 3544884


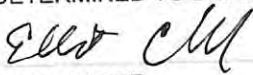

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

Section 1: Airframe Log

2a

2b

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN					
CARRIED FORWARD									
	McCluff Aviation Llc 545 McKinnon Road Clarkdale AZ 86324 480-510-2054						Make: Mooney Model: M20J Tail: N144BY S/N: 24-0034		
Hours: 4363.29									
<div>1. COMPLIED WITH AN ANNUAL PER PART 43 APPENDIX D. 2. COMPLIED WITH FAR 91.207 (D) ELT FUNCTION AND TEST, FOUND OPERATION NORMAL, NEXT DUE 12MO. OR 2/2025. 3. ELT BATTERY DATE MARCH 2031. 4. COMPLIED WITH AD 76-07-12 IGNITION SWITCH BY FUNCTION TEST, NO DEFECTS NOTED, NEXT DUE 100HRS OR 4463.29. 5. REPLACED MAIN BATTERY WITH NEW CONCORDE RG-35AXC S/N 70032688. 6. OIL COOLER OVERHAULED BY R@E OIL COOLER SERVICES WO# 1281. 7. REPLACED ALTERNATOR BELT WITH NEW P/N 37A19773-376. 8. BLED BRAKES AND SERVICED HYDRAULIC RESERVOIR. 9. RE-PACKED NOSE WHEEL BEARINGS. 10. PERFORMED LANDING GEAR RETRACT TEST AND EMERGENCY EXTENSION, AND FOUND OPERATION NORMAL. 11. SERVICED TIRES TO PROPER INFLATION. 12. REPLACED LH FUEL QUANTITY INDICATOR WITH OVERHAULED UNIT BY AIRPARTS OF LOCK HAVEN WO# 230006. 13. REPLACED COWL LANDING LIGHT LENS WITH NEW. 14. INSPECTED HEATER MUFFLER AND FOUND NO DEFECTS. 15. CLEANED AND TREATED AIR FILTER. 16. INSTALLED O-360-A1B6D S/N L-16193-51A AFTER REPAIR BY MENA AIRCRAFT ENGINES WO# 21F-2384R. 17. ALL AD'S RESEARCHED THROUGH BI-WEEKLY 2024-02. 18. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY AT THIS DATE.</div>									
Signed:  Name: ELLIOT CLUFF Cert: AP601444958IA Date: 02/02/2024									
<div>wo: P21124 Avionics - page 1 of 1 Zulu Aerospace Services, LLC - 2202 Melville Rd Ste C - Prescott, Arizona 86301 - 9283774545 - CRS#: ZM3R930D N144BY MOONEY, M20J, S/N: 24-0034 March 07, 2024 TACH: 4365.0 1. I certify that the altimeter and static system test required by FAR 91.411 meets the requirements of 14 CFR 43, Appendix E. The Altimeter was tested on this day to 18,000ft. I certify that the transponder Narco AT165 as installed in this aircraft has been tested as required by FAR 91.413 and meets the requirements of 14 CFR 43 appendix F. 2. Updated GNC355 software to 3.22 in accordance with Garmin SB23109 Rev A dated Oct 2023. Updated G5 software to 8.25 in accordance with Garmin instructions. GFC500 complied with Garmin SB22123 Rev. A dated 3 Jan 2023. Next Due March 2026 With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Zulu Aerospace Services, LLC under work order: P21124. Mitchell Ramsay CRS ZM3R930D </div>									
PAGE TOTALS									
CARRY FORWARD to Top of Next Page									



McCluff Aviation Llc
545 McKinnon Road
Clarkdale AZ 86324
480-510-2054

Make: Mooney
Model: M20J
Tail: N144BY
S/N: 24-0034

Hours: 4378.66

1. REPLACED MAIN TIRES WITH 6.00X6 6PLY AIRHAWK TIRES AND TUBES. REPLACED NOSE TIRE WITH AIRHAWK 5.00X5 6PLY TIRE AND TUBE, SERVICED TO PROPER PRESSURE PER MOONEY M20 AMM.
2. CLEANED AND PRIMED ELEVATOR TRIM SHAFT, PRIMED AND INSTALLED ANTI CHAFE TAPE AND GREASED AT BULKHEAD.
3. CLEANED SURFACE RUST OFF OF ELEVATOR AND RUDDER HORNS AND APPLIED PAINT AS NECESSARY.
4. CLEANED AFT BAGGAGE CLOSEOUT PANEL AND APPLIED PRIMER.
5. CLEANED RH AILERON PUSHROD AND REPAINTED.
6. CLEANED LH AILERON TRIM PUSHROD.
7. CLEANED SURFACE RUST FROM ELEVATOR STOPS AND PRIMED.
8. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

Signed: 
Name: ELLIOT CLUFF

Cert: AP601444958IA
Date: 05/02/2024

REG: N144BY
M/N: M20J
S/N: 24-0034



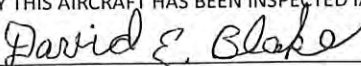
DATE: 4/10/2025
TACH: 4456.95
HOBBS:
A/CTT:4456.95

- COMPLETED AIRFRAME REPAIR AND COMPLETED A 100HR INSPECTION/ANNUAL ON AIRFRAME IAW MOONEY AIRPLANE COMPANY, INC. 100-HR/ANNUAL MAINTENANCE INSPECTION GUIDE & FAR 43 APPENDIX D.
1. REMOVED INSPECTION COVERS, & PANELS, LUBED ROD ENDED PULLEYS, BELL CRANKS, HINGES & CABLES, AS APPLICABLE. INSPECTED THE AIRFRAME & REINSTALLED THE INSPECTION COVERS AND PANELS.
2. REMOVED R/H TIP SKIN AND INSTALLED NEW R/H TIP SKIN P/N 220000-148 FROM LASAR.INC AS PER MOONEY M20J M/M. BOTH WING TIPS WHERE PAINTED.
3. REMOVED NOSE GEAR TRUSS, WITH LINK DUE TO TRUSS BROKE THE NOSE DOOR ATTACHMENT BRACKETS, SERVICEABLE NOSE GEAR TRUSS P/N540016-505 CLEANED INSPECTED AND INSTALLED, REMOVED BROCKEN MLG RETRACTION TUBE P/N 560244-501 AND INSTALLED TWO SERVICEABLE MLG RETRACTION TUBES, TUBES CLEANED INSPECTED AND INSTALLED IAW MOONEY M/M.
4. A/C JACKED UP THEN ALL BOTTOM FUSELAGE PANELS REMOVED TO INSPECT THEM , FOUND THEM TO BE IN GOOD CONDITION WITH ONLY A FEW SERFACE SCRACHES , PANELS WHERE INSPECT CLEANED SANDED AND PREP FOR PAINTED AFTER THEY WHERE RE-INSTALLED.
5. THE LANDING GEARS OPERATION CHECK , OPS CHECK 6 TIMES AS WELL AS EMERGENCY GEAR EXTENTION FOUND OK AT THIS TIME.
6. BOTH MAIN BRAKES CLEANED INSPECTED AND SERVICED WITH 5606.
7. ALL ADs CHECKED THRU 04-2025.
8. TESTED ELT PER 91.207(D)-ELT BATTERY EXPIRES 1/2027, ELT INSPECTION DUE 4/2026.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN 100HR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

SIGNED  Luis Rosa A&P 3544884

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

SIGNED  David E. Blake A&P 3492152 I/A

Section 1: Airframe Log

1a

1b

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

12/14/21 TACH: 4248.99 N144BY TTAF: 4248.99 S/N 24-0034

Complied with an annual inspection at this time with reference to Mooney M20J M/M and FAR 43 App D. Jacked aircraft and removed inspection panels. Lubed airframe including cleaning and packing wheel bearings. Swung gear for ops and door fit. Performed emergency gear extension. Checked gear warning. Serviced gascolator. Resealed RH caliper and replaced RH brake pads with new. Replaced caliper bleeder screw and back bled RH and topped off reservoir. Complied with Bendix Ign switch AD 76-07-12 by ops check. Next due in 100hours. Air filter serviced. Checked lights. Complied with FAR 91.207(d) after replacing all MN1300 batteries. Removed standby vac system previously connected to engine intake. Installed inspection panels and removed from jacks. Serviced all tires to spec. Researched Bi-weekly AD's. I certify this aircraft has been inspected IAW an annual inspection and is approved for return to service.

Brian Woods AP2720395IA

MAKE Mooney
MODEL M20J
S/N
REG NO N144BY
WORK ORDER
3554-11-2021

Don Maxwell Aviation Services, Inc.

390 Central Road
Longview Tx 75603
Phone 903-843-9902

DATE 1/12/2022
A/C TSN
TACH 4179.66

Airframe Entries

(1) Troubleshoot gear system, found 3 broken wires in wire loom in belly. Repaired wires, operated gear several times. No problems noted.... (2) REMoved instrument cluster. Sent oil temp gauge for O.S.R. Reinstalled instrument cluster w/o oil temp

Don Maxwell 1734050 A&P

DATE: 1/12/2022

SIGNED

Work Order: 3554-11-2021

Printed by EBis 3 (datcomedia.com)

01/13/22 N144BY S/N 24-0034

Installed oil temp gauge previously removed, p/n 5-01280/ 6246-00179 s/n 213083, after overhaul by airports of lock haven CRS QK1R429K. Ops check normal. Above work approved for return to service.

Brian Woods AP2720395

HARTSELL AVIONICS INC. 325 CORPRATE ROAD LONGVIEW, TEXAS 75603 H9TR858J
LOG ID# 674 09-February-2022 WO# 9465-1
N144BY S/N 24-0034 MOONEY M20J

Pg 1 / 1

**** ITEM # 9465-1 ELECTRIC CLOCK FLIGHT TIMER INOP ****
DISCREPANCY: ELECTRIC CLOCK FLIGHT TIMER INOP.
ACTION: TROUBLESHOT WIRING TO THE SPEED SWITCH IN AIRCRAFT AND FOUND BROKEN WIRE DUE TO BAD CRIMP ON EXISTING TERMINAL. REPAIRED BROKEN WIRE

H9TR858J DAVID HARTSELL

PAGE
TOTALS

Date: 03/11/2022 Hours: 4282.66

Tail#: N144BY

Make: MOONEY

Model: M20J

S/N: 24-0034

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

1. REMOVED LH OUTBOARD FUEL SENDER FOR OVERHAUL BY AIR PARTS OF LOCK HAVEN.
2. INSTALLED SENDER AFTER OVERHAUL AT AIR PARTS OF LOCK HAVEN WO# 220567 USING NEW P/N GASKET S2670-1.
3. SERVICED FUEL TANK WITH FUEL.
4. CLEANED LANDING GEAR GEAR DOWN LAMP ASSEMBLY CONTACTS AND FOUND OPERATION NORMAL.
5. ALL WORK PERFORMED IN ACCORDANCE WITH MOONEY M20J SERVICE AND MAINTENANCE MANUAL.
6. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

Name: Elliot Cluff

Cert: AP601444958

Co: AeroZona Aviation, LLC

Sign:

wo: P20142

Avionics - page 1 of 1

Zulu Aerospace Services, LLC - 2202 Melville Rd Ste C - Prescott, Arizona 86301 - 9283774545 - CRS#: ZM3R930D

N144BY
Tach: 4294.19

MOONEY, M20J, S/N: 24-0034

April 18, 2022

1. Bench tested MX170B, Tested good for receive and transmit.
2. Cleaned contacts on MX170B and tray. Tested with KPRC tower. tested good.
3. Replaced Co-pilots PTT switch. Ops tested good.

With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Zulu Aerospace Services, LLC under work order: P20142.

Mitchell Ramsay CRS ZM3R930D

AeroZona Aviation, LLC
190 Oak Creek Blvd
Sedona AZ 86336
9894505235

Make: MOONEY

Model: M20J

Tail: N144BY

S/N: 24-0034

Hours: TACH 4363.13 AFTT 4363.13

1. COMPLIED WITH AN ANNUAL INSPECTION PER PART 43 APPENDIX D.
2. COMPLIED WITH FAR 91.207 (D) ELT FUNCTION AND TEST AND FOUND OPERATION NORMAL, ELT BATTERY REPLACEMENT DUE MARCH 2031.
3. COMPLIED WITH AD 76-07-12 IGNITION SWITCH AND FOUND NORMAL NEXT DUE AT 100HRS OR TACH 4463.13.
4. CLEANED FUEL STRAINER.
5. SERVICED BRAKE RESERVOIR WITH MIL-H-5606 FLUID, BRAKE LININGS 75 %.
6. PERFORMED GEAR RETRACTION TEST AND EMERGENCY EXTENSION AND FOUND OPERATION NORMAL.
7. RE PACKED NOSE WHEEL BEARINGS.
8. SERVICED TIRES TO PROPER PRESSURE, PER AFM.
9. REPLACED LH FUEL QUANTITY INDICATOR WITH OVERHAULED UNIT BY AIR PARTS OF LOCK HAVEN WO# 230006. INSTALLATION PER M20J AMM, OPERATIONAL CHECK NORMAL.
10. GLUED CABIN DOOR SEAL AS NECESSARY.
11. REPLACED COWL LANDING LIGHT LENS WITH NEW.
12. RE TORQUED LH AILERON PUSHROD ROD END JAM NUT.
13. INSPECTED CABIN HEAT MUFFLER, NO DEFECTS NOTED.
14. LUBRICATED PILOT AND CO PILOT SEAT BELT BUCKLES
15. ALL AD'S RESEARCHED THROUGH BI-WEEKLY 2023-01.
16. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION INSPECTION AND WAS DETERMINED TO BE AIRWORTHY AT THIS DATE.

Signed:

Name: Elliot Cluff

Cert: AP601444958IA

Date: 01/10/2023

AIRCRAFT DATA

- | | | |
|---|-------------|-------|
| 1. Nationality & Registration | N144BY | _____ |
| 2. Manufacturer's Designation
(Make & Model) | Mooney M20J | _____ |
| 3. Manufacturer's Serial
Number | 24-0034 | _____ |
| 4. Type Approval or
Specification Number | 2A3 | _____ |
| 5. Date of Manufacture | 1976 | _____ |
| 6. Aircraft Inspection Cycle | | _____ |
| | | _____ |
| | | _____ |
| | | _____ |
| | | _____ |



N144BY

VOLUME NO.

SECTION I

AIRFRAME

LOG

10/06/21 TACH: 4212.77

N144BY

TTAF: 4212.77

Airframe
S/N 24-0034

Installed engine L-16193-51A after repair by Mena Aircraft engines CRS S9QR340N. (see paperwork). Propeller SN 831018 reinstalled. Secured all connections, using existing hardware, engine mounts and hoses. Set all parameters and ran for ops and leak check. Standby vac system removed as well as engine vacuum pump, no longer used. No discrepancies. Installed Whelen LED belly beacon and landing light per applicable STC's. (Ref 337 this date). Above work approved for return to service.
Aircraft to be test flown.


Brian Woods AP2720395

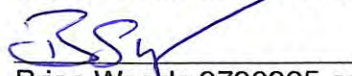
10/06/21 TACH: 4213.85

N144BY

TTAF: 4213.85

Airframe
S/N 24-0034

Test flew aircraft per Lycoming SB for one hour. All parameters check good. No leaks. Aircraft approved for return to service, with respect to work performed.


Brian Woods 2720395 commercial



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



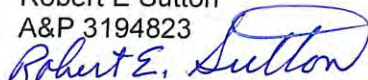
N144BY

10-8-2021

TACH: 4215.61

Replaced main battery with new Gill P/N: 7035-34, S/N: G03103965
In accordance with Gill, TCM products TBP drawing # 1576 Rev H.
Bled left brake

Robert E Sutton
A&P 3194823



ED FOR COMPLETE

HARTSELL AVIONICS INC. 325 CORPRATE ROAD LONGVIEW, TEXAS 75603 H9TR858J
 LOG ID# 541 17-May-2021 WO# 9254/1
 N144BY S/N 24-0034 MOONEY M20J

Pg 2 / 2

FOUND MKR RX IN KMA 20 INOP AND BEYOND REPAIR. REMOVED KMA 20 AND INSTALLED KMA 24.
 DISCREPANCY: CORRECT WIRING BEHIND PANEL
 ACTION: PRELIMINARY INSPECTION FOUND WIRING BEHIND PANEL IN VERY POOR AND UNSAFE CONDITION.
 REMOVED UNNECESSARY WIRING, TERMINATED WIRES WHERE NECESSARY, REROUTED AND SECURED WIRING AS
 REQUIRED.
 DISCREPANCY: WEIGH AIRCRAFT
 ACTION: PRELIMINARY INSPECTION OKAY. PREPPED AND WEIGHED AIRCRAFT AS NECESSARY. SEE NEW WEIGHT AND
 BALANCE DATED 5/13/2021.
 DISCREPANCY: CERTIFY STANDBY ALTIMETER/TRANSPONDER
 Model: NA Part#: 5934P-3 Serial#: 434164
 ACTION: PRELIMINARY INSPECTION OKAY. ALTIMETER WAS TESTED AND FOUND TO MEET FAR 43 APPD. E AND
 STATIC LEAK TEST PERFORMED AND COMPLIES WITH FAR 91.411. THE ATC TRANSPONDER WAS TESTED AND
 INSPECTED IAW FAR 43 APPD F AND FOUND TO COMPLY WITH FAR 91.413. ALSO IAW FAR 43 APPD E PARA C..
 DISCREPANCY: REPAIR STATIC LEAK
 ACTION: PRELIMINARY INSPECTION OKAY. EXCESSIVE LEAK. START FROM AFT STAITIC PORTS WORKING TO FRONT
 OF AIRCRAFT. FOUND SEVERAL LEAKS. FINAL LEAK WAS TERRA ENCODER INTERNAL. REPLACED ENCODER WITH ACK.
 LEAK TEST OKAY. FUNCTION TEST OKAY.
 SEE FAA 337 THIS DATE AND EQUIP LIST FOR FURTHER INFO.

H9TR858J DAVID HARTSELL

CALIBRATED WITH RADIO ON

FOR	STEER	FOR	STEER	FOR	STEER
N	358	30	28	60	59
E	88	120	126	150	149
S	179	210	208	240	238
W	268	300	298	330	329

DATE 5/18/21 AIRPATH

ALTITUDE CORRECTION CARD N144BY

HARTSELL AVIONICS CRS H9TR858J					
NAME <i>United Instruments</i>		S/N <i>434164</i>		DATE <i>5-13-2021</i>	
TEST FT	INDICATION	TEST FT	INDICATION	TEST FT	INDICATION
-1000	<i>-1000</i>	4000	<i>4000</i>	16,000	<i>15985</i>
0/0	<i>0</i>	5000	<i>4995</i>	18,000	<i>18005</i>
500	<i>520</i>	6000	<i>5990</i>	20,000	<i>20025</i>
1000	<i>1000</i>	8000	<i>7985</i>	22,000	
1500	<i>1515</i>	10,000	<i>9970</i>	25,000	
2000	<i>2000</i>	12,000	<i>11970</i>	30,000	
2500	<i>2510</i>	14,000	<i>13990</i>	35,000	
3000	<i>3000</i>	15,000	<i>14970</i>	40,000	
ALTIMETER PRESSURE		TEMP		ENCODER CK.	

HARTSELL AVIONICS INC. 325 CORPRATE ROAD LONGVIEW, TEXAS 75603 H9TR858J
 LOG ID# 541 17-May-2021 WO# 9254/1
 N144BY S/N 24-0034 MOONEY M20J

Pg 1 / 2

DISCREPANCY: INSTALL G5 AS HSI
 Model: G5 Part#: K10-00280-31 Serial#: 4JQ049825
 ACTION: PRELIMINARY INSPECTION OKAY.
 INSTALL G5 AS HSI INDICATOR INTERFACE TO GFC500 AND GPS UNIT.
 DISCREPANCY: INSTALL G5 AS ADI
 Model: G5 Part#: K10-00280-01 Serial#: 4JQ049380
 ACTION: PRELIMINARY INSPECTION OKAY.
 INSTALL G5 AS ADI INDICATOR INTERFACE TO GFC500 AND GPS UNIT.
 DISCREPANCY: INSTALL GFC 500 2 AXIS (WIRE FOR YAW DAMPER, BUT NOT INSTALLING YAW DAMP AT THIS TIME)
 Model: GFC507 Part#: 010-01946-01 Serial#: 5H1006614
 ACTION: PRELIMINARY INSPECTION OKAY.
 INSTALL GFC 500 AUTOPILOT WITH PITCH AND ROLL. PRECONFIGURED WIRING FOR TRIM AND YAW.
 DISCREPANCY: INSTALL GNC 355
 Model: GNC355 Part#: 010-02232-51 Serial#: 54R002595
 ACTION: PRELIMINARY INSPECTION OKAY.
 INSTALLED GNC 355 GPS COM AND INTERFACED TO G5 SYSTEMS.
 DISCREPANCY: REMOVE EQUIPMENT
 REMOVE EXISTING OBSOLETE GPS, KCS55A SYSTEM.
 REMOVE DME BOX FROM THE NOSE.
 REMOVE DAVTRON OAT SENSOR AND DISPLAY.
 REMOVE SECOND MAGNETIC COMPASS THAT IS LOCATED IN THE FAR LEFT INSTRUMENT PANEL ABOVE THE KEY
 SWITCH. COVER THE HOLE.
 ACTION: P10K
 REMOVE OR REARANGE EQUIPMENT PER CUSTOMERS INSTRUCTIONS.
 DISCREPANCY: CHECK ALL PANEL LIGHTS/REPLACE BULBS AS NECESSARY
 ACTION: PRELIMINARY INSPECTION OKAY.
 CHECKED LIGHTS. ONLY TWO WERE OUT, ONE WAS REMOVED FOR THE INSTALL AND REPAIRED THE OTHER ONE.
 DISCREPANCY: SEND CLOCK FOR REPAIR. MINUTES CAN'T BE ADJUSTED. SETTING THE HOURS IS OK, BUT NOT
 PERFECT.
 ACTION: PRELIMINARY INSPECTION CONFIRMS DISCREPANCY.
 REMOVED CLOCK AND SENT TO FACTORY. RECEIVED REPAIRED COCK AND REINSTALLED. SEE DAVTRON REPORT 35853
 FOR MORE INFORMATION.
 DISCREPANCY: MARKER BEACON IS INOP. ADVISE OF REPAIR
 ACTION: PRELIMINARY INSPECTION REVEALS MARKER BEACON INOP.....

CARRIED FORWARD

06/28/21 TACH: 4212.77

N144BY

TTAF: 4212.77

S/N 24-0034

Removed engine L-16193-51A for repair. Engine sent to Mena Aircraft engines CRS
 S9QR340N. Propeller SN 831018 to be flushed by Byam Propeller.

Brian Woods AP2720395

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

Airframe

ENGINE LOG ENTRY

DATE 11-16-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4159.89 ACTT: 4159.89
ENGINE LYCOMING MODEL IO-360-A1B6D S/N L-16193-51A TSMOH: 20.29 ENGINE TT: 4159.89

1. INSTALLED 4 EACH NEW L/H LANDING GEAR BONDED MOUNTINGS P/N J-11968-14.
2. INSTALLED 4 EACH NEW R/H LANDING GEAR BONDED MOUNTINGS P/N J-11968-14.
3. REMOVED PROPELLER AND SENT OUT FOR INSPECTION AND RESEAL.
4. REINSTALLED PROPELLER AFTER INSPECTION AND RESEAL BY CRS #PI4R441M FUNCTION TEST NORMAL.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR/ANNUAL INSPECTION PROCEDURES AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED Doug Ailla CERT A&P IA 2752935

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

AIRFRAME LOG ENTRY

DATE 1-6-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4144.81 TTAF: 4144.81

1. C/W AD 12-05-09 BY VISUAL INSPECTION (12-17-2019 @ TACH HRS4144.51)

I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE.

SIGNED Robert J. McCarry FA CERT A&P 3457111FAR 91.411 The Altimeter make UNITED
Model 5934P-3 and S/N 434164

I Certify the static pressure system, altimeter instrument, and Automatic pressure altitude reporting system has been tested And inspected and found to comply with FAR 43 APP.E.

Test to 20 K ft. For details see W.O. 8825Inspected by Paul Grimmon Date 12-15-2020

Sparrow Inspections LLC FAA CRS XX9R919L

477 Norwood Rd. Mansfield, La. 71052 (318)286-1152

Sparrow Inspections LLC

FAR 91.413 The Transponder make NARCO
Model AT16S and S/N 160057

I Certify the ATC Transponder has been tested and inspected And found to comply with FAR 43 APP.F.

For details see W.O. 8825Inspected by Paul Grimmon Date 12-15-2020

Sparrow Inspections LLC. FAA CRS XX9R919L

477 Norwood Rd. Mansfield, La. 71052 (318)286-1152

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

AIRFRAME LOG ENTRY

DATE 12-15-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4161.05 TTAF: 4161.05

1. MANUFACTURED AND INSTALLED REINFORCEMENT DOUBLER ON FWD SIDE OF FIREWALL AT RIGHT COWL FLAP SPRING ATTACH POINT IAW FAR 43.13-1B.
2. MANUFACTURED AND INSTALLED ACCESS PANEL FOR UPPER LEFT VERTICAL STABILIZER IAW FAR 43.13-1B.

I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE.

SIGNED Robert J. McCarry CERT A&P 3610827INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

AIRFRAME LOG ENTRY

DATE 12-15-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4161.05 TTAF: 4161.05

1. INSTALLED NEW NOSE GEAR SHOCK DISKS. (P/N: J-11968-14).
2. INSTALLED NEW ENGINE LOWER SHOCK MOUNTS. (P/N: J7763-1 AND P/N: J9612-8).
3. C/W BLEEDING BRAKE SYSTEM.

I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE.

SIGNED Doug Ailla CERT A&P 3776020

CENTRAL JET SERVICE, LLC

2030 WARREN DR.
MARSHALL TX 76572
903-938-8008DATE: 5-18-2020 AIRFRAME LOG ENTRY
REG# N144BY MOONEY M20J S/N 24-0034 TACH METER: 4156.55

1. INSTALLED ADS-B BEACON MANUFACTURED BY UAVIONIX P/N UAV-1001856-002 S/N 1006333 I/A/W STC#SA04362CH. REPLACED EXISTING OEM RED POSITION LIGHT AND STROBE ASSEMBLY WITH UAVIONIX SKYBEACON ASSEMBLY I/A/W SKYBEACON STC GUIDE, DOCUMENT #UAV-1002305-001. USED EXISTING OEM POSITION LIGHT CIRCUIT AND CONFIRMED APPROPRIATE PER AC 43.13-1B CHP 11, SECTION 5 & 6. STC INSTALLATION 337 ON FILE WITH FAA. INSTALLATION MEETS REQUIRMENTS OF FAR CFR 91.227, INSTALLED PLACARD FOR NAV LIGHTS. INSTALLED AFM SUPPLEMENT AND CONTINUED AIRWORTHINESS INSTRUCTIONS ADDED TO FLIGHT MANUAL. S/N 1006333 PASSWORD: PitotWilco

I CERTIFY THIS AIRCRAFT OR APPLIANCE IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE.

SIGNED Doug Ailla A&P/IA CERT # 2752935

12/17/20 TACH: 4162.05

N144BY

TTAF: 4162.05

S/N 24-0034

Complied with an annual inspection at this time with reference to Mooney M20J M/M and FAR 43 App D. Jacked aircraft and removed inspection panels. Lubed airframe including cleaning and packing wheel bearings. Swung gear for ops and door fit. Checked gear warning. Serviced gascolator. Checked brake pads for wear and checked fluid level at reservoir. Complied with Bendix Ign switch AD 76-07-12 by ops check. Next due in 100hours. Air filter serviced. Checked lights. Complied with FAR 91.207(d). Installed inspection panels and removed from jacks. Serviced all tires to spec. Researched Bi-weekly AD's. I certify this aircraft has been inspected IAW an annual inspection and is approved for return to service.

Brian Woods AP27203951A

DATE: 4/16/2012
A/C TSN 4143.4
TACH 4143.4

Top Gun Aviation, Inc.

6100 S. Lindbergh St.
Stockton, CA 95206 USA
Phone: 209-983-8082



MAKE: Mooney
MODEL: M20J
S/N: 24-0034
REG: NO 144BY
WORK ORDER
5099-04-2012

Airframe Entries

(1) Insp. gear actuator per M20J Manual 123, Sect 5-20-06, Ann Insp. Item 3, Inspection of Duke's Actuator. Gears OK, and cleaned and lubed actuator.

I certify that this Accessory is airworthy with respect to the work performed

DATE: 4/16/2012

SIGNED:

Thomas A Rouch, IA 54944/166

Work Order: 5099-04-2012
Printed by EBis 3 (datamedia.com)

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

FAR 91.411 The Altimeter make United
Model 5934 and S/N 434164
I Certify the static pressure system, altimeter instrument, and automatic pressure altitude reporting system has been tested and inspected and found to comply with FAR 43 APP. E.
Tested to 20 K ft. For details see W.O. 4868
Inspected by [Signature] Date 3-A-09
Sparrow Avionics Inc. FAA CRS XX9R919L
3211 Cr. 384 Tyler Texas 75708 1-800-416-8548

FAR 91.413 The Transponder make Narco
Model 165 and S/N 160057
I Certify the ATC Transponder has been tested and inspected and found to comply with FAR 43 APP. F.
For details see W.O. 4868
Inspected by [Signature] Date 3-19-09
Sparrow Avionics Inc. FAA CRS XX9R919L
3211 Cr. 384 Tyler Texas 75708 1-800-416-8548

TAR 44107 3-19-08
Bob Gilman H&P 437048237

CENTRAL JET SERVICE, LLC

2030 WARREN DR.
MARSHALL TX 76572
903-938-8008

AIRFRAME LOG ENTRY

DATE: 6-23-12 REG# N144BY MOONEY M20J S/N 24-0034 TACH METER: 4143.40
ENGINE LYCOMING IO-360-A1B6D S/N L-16193-51A

- C/W ANNUAL INSPECTION I/A/W MOONEY MAINTENANCE MANUAL.
- INSTALLED 0.0 TSO ENGINE OVERHAULED BY WESTERN SKYWAYS (LYCOMING MODEL IO-360-A1B6D, S/N L-16193-51A).
- INSTALLED NEW ENGINE SHOCK MOUNTS (P/N J9613-40) USING NEW BOLTS.
- INSTALLED ALL NEW FLUID HOSES.
- INSTALLED ALL NEW AIR DUCTS.
- INSTALLED O/H ALTERNATOR P/N ALY-8520, S/N H-K120598.
- INSTALLED NEW DRY AIR PUMP, P/N AA3216CW.
- REMOVED ALTIMETER AND REINSTALLED AFTER O/H BY CRS# DZMR112L.
- REMOVED ENCODER AND REINSTALLED AFTER REPAIR BY CRS# DZMR112L.
- INSTALLED O/H MUFFLER, TAILPIPE, STACK AND 2 PIECE RISER.
- INSTALLED NEW VERTICAL CARD MAGNETIC COMPASS, P/N 0-00421.
- REMOVED MAIN LANDING GEAR ACTUATOR. SENT TO TOP GUN AVIATION FOR INSPECTION. REINSTALLED RIGGED AND FUNCTION CHECKED AFTER INSPECTION. FUNCTION CHECK NORMAL.
- COMPLIED WITH ALL AIRWORTHINESS DIRECTIVES FOR THIS AIRCRAFT AND MADE A AD COMPLIANCE REPORT THAT IS FILED IN THE AIRCRAFT RECORDS.

I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SIGNED [Signature] A&P/IA CERT # 2752935

ENGINEERING RECORD

39

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

AIRFRAME LOG ENTRY

DATE 1-6-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4144.81 TTAF: 4144.81

- PERFORMED ANNUAL INSPECTION IAW FAR 43 APPENDIX "D" USING THE INSPECTION CHECKLIST FOR THIS AIRCRAFT AS A GUIDE
- PLACED ACFT ON JACKS. REMOVED ALL REQD INSPECTION PANELS ON WINGS, BELLY, FUSELAGE & EMPENNAGE INCLUDING SEATS
- REPLACED NOSE LANDING GEAR TIRE (5.00 X 5) & 1.331
- LUBE NLG & MLG POINTS OF CAPTURE IAW SERVICE MANUAL FOR THIS ACFT
- COMPLIED WITH MLG PRELOAD TORQUE CHECK IAW SERVICE MANUAL FOR THIS ACFT. NO ADJUSTMENT REQD
- RE-SHIM RIGHT MLG TIRE FAIRING DOOR
- REMOVED, CLEANED, INSPECTED, LUBED, REINSTALLED NLG / MLG WHEEL BEARINGS
- EMPENNAGE TRIM JACKSCREW CLEANED & LUBED
- LANDING GEAR NORMAL EXTEND/RETRACT PERFORMED. NO DEFECTS NOTED @ THIS TIME. OPS CK GOOD
- LANDING GEAR EMERGENCY EXTEND PERFORMED. NO DEFECTS NOTED @ THIS TIME. OPS CK GOOD
- REPAIRED LANDING LIGHT GROUND
- REPLACED EXHAUST TAILPIPE FWD SUPPORT
- LUBE ALL HEAT / AIR / VENT CONTROL CABLES
- REPLACED EMPENNAGE NAV LIGHT. OPS CK ALL NAV LIGHTS. ALL OPS CK GOOD
- PITOT HEAT & STALL WARNING OPS CK GOOD
- ELT BATTERIES REPLACED (MN1300 DURACELL) & OPS CK IAW 91.207(d). OPS CK GOOD
- REPLACED SHIP'S BATTERY (G-35)
- CLEANED FLAP LIMIT SWITCHES. OPS CK GOOD
- REINSTALLED ALL WING, FUSELAGE, BELLY & EMPENNAGE PANELS INCLUDING SEATS
- SERVICE TIRES, BRAKE RESERVOIR, GASCOLATOR AND SHIP'S BATTERY
- REVIEWED AND APPROPRIATELY COMPLIED WITH ALL AIRWORTHINESS DIRECTIVES PARTICULAR TO THIS ACFT & GENERATED AN AD COMPLIANCE REPORT AND FILED WITH THE AIRCRAFT RECORDS

I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE

SIGNED [Signature] I/A
CERT A&P 3457111

CENTRAL JET SERVICE LLC

2030 WARREN DR.
MARSHALL TX 76572

AIRFRAME LOG ENTRY

DATE 1-6-2020 MOONEY M20J N144BY S/N 24-0034 TACH: 4144.81 TTAF: 4144.81

- REPLACED HINGE & HINGE SPRING ON GROUND POWER ACCESS DOOR (HINGE P/N 950006-11, SPRING P/N 916008-009).
- REPLACED STATIC WICKS ON BOTH WING TIPS & LEFT ELEVATOR TIP (P/N ED-1)

I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE WITH REGARDS TO THE ABOVE MENTIONED MAINTENANCE.

SIGNED [Signature] CERT A&P 3457111

Hammonds Air Service

3616 Thunderbird Rd. Houma, La. 70363
(985)876-0584

DATE

BROUGHT
FORWARD

Airframe Date 8-23-2005
Reg. N144BY Ser# 24-0034 Mod.# M20J
Tach: 3826.3

Removed aircraft battery due too bad cell. Installed new G-35 aircraft battery serviced with electrolyte. Installed battery cover and tested aircraft systems. All systems operating normally.

Signature: [Signature] AP427351409

GUNTER AVIATION ENTERPRISES

P.O. Box 8072
Shreveport, Louisiana 71108
Phone 226-4512 OR 686-2513 OR 455-6035
BUY-SELL-TRADE-MAINTAIN

LOG BOOK ENTRY

June 1, 2006-N144BY-TOTAL TIME 3957:58-ELT Date JAN 07
Removed seats and inspection panels-Repaired adj lever on Rt. seat-Serviced batery and box- Replaced both main and nose tires and tubes-serviced brakes and instaled new brake pads P# RA66-105 Replaced nose wheel bearing and races-Checked all control cables pulleys and guides-cleaned interior and exterior-Jacked and and retract gear both normal and emergency worked well horn OK.

LAST ENTRY

Date June 1, 06 Total Time 3957:58

I certify this Aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition

Parnie L. Gunter 37465513

CARRIED FORWARD

IRD
S REQUIRED FOR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

I CERTIFY THIS AIRCRAFT HAS BEEN
INSPECTED IAW AN ANNUAL INSPECTION
AND FOUND TO BE IN A AIRWORTHY CONDITION
DATE 1 June 06 TOTAL TIME 3957:58

TAC 3957:58 TIME

[Signature]
HOWARD PICKARD 1626140 IA

AUG 5, 2007 Tach Time 4038.4

SMOH-2597 STOH-1680.2

I certify that this Aircraft has
been Inspected IAW a 100 hr
Inspection and found to be in
Airworthy Condition

Bob GILLIAM A&P 437048237

[Signature]

I CERTIFY THAT THIS Aircraft
HAS BEEN INSPECTED IN ACCORDANCE
WITH A Annual INSPECTION AND
FOUND TO BE IN AIRWORTHY CONDITION

[Signature]

AP43996211A

10-22-08 Tach Time 4057.2 N144BY

SMOH 2613.8 STOH 1697.2

Compressors as #1 73 #2 71 #3 68 #4 70

adjust Flap limit switch for proper Travel

Repair outboard Left main gear door for proper

Fit, repaint to match. Replace Gill 5-35

Battery + clean battery Box Replace all instrumal

filters. Adjust Gear Squat Switch for Proper contact.

I certify that this aircraft has been inspected in
accordance with annual inspection and found to be in
airworthy condition and approved for return to service
Arlinders Hall A&P 4399621711A Tach Time 4057.29
Oct.22, 2008 [Signature]

AIR TIME AND

ENGINEERING RECORD

37

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Syracuse Executive Air Service, Inc.

Reg.#: N144BY Make: MOONEY Model: M20J Workorder: RSA1483 TACH: 3469.2 S/N: 24-0034

I certify that this transponder(s) has been tested to the requirements of FAR 91.413 per FAR 43 APP F.

I certify that this altimeter(s), encoder(s), airdata(s) and static system(s) has been tested to the requirements of FAR 91.411 per FAR 43 App. E.

XPDR: #1P/N KT76	#1S/N 34231	#2P/N N/A	#2S/N N/A
Altimeter: #1P/N 5934P-3A.83	#1S/N 434164	#2P/N N/A	#2S/N N/A
Encoder: #1P/N A-30	#1S/N 88623	#2P/N N/A	#2S/N N/A
Airdata: #1P/N N/A	#1S/N N/A	#2P/N N/A	#2S/N N/A
Maximum Altitude: 20,000 FT			

All work performed IAW current FAA regulations and current Mfg. technical data. The work performed above is approved for return to service. For details of work performed, see workorder on file with repair station.

Signed: *Mike Murphy* Date: 3/9/04

Syracuse Executive Air Service, Inc.
211 Tuskegee Road
Syracuse, NY 13211

EXECAIR
CRS#BJFR481C

EXECAIR

SYRACUSE EXECUTIVE AIR SERVICE
211 TUSKEGEE ROAD
SYRACUSE, NY 13211

A/C REG. #: N144BY
SERIAL #: 24-0034
AFTT/HOBBS: 3469.2
LANDINGS: N/A

DESCRIPTION OF WORK PERFORMED:

Removed Encoding Altimeter pn#101627-01696L sn#C117066 installed new Altimeter pn#5934P-3A.83 sn#434164. Interfaced new blind encoder pn#A-30 sn#88623 to existing wiring and static system I.A.W. manufacture installation manual. Performed static leak check, repaired leaks I.A.W FAR 91.411. Correspondence check performed per FAR 91.217. Ground ops check ok per FAR 91.411 & 413 IAW part 43 app E & F. Completed Form 337 dated 3/09/04. Weight and Balance as well as equipment list revised.

SIGNATURE: *Stephen Dixon* DATE: 9MARCH04

CERTIFICATE #: CRSBJFR481C W.O. #: RSA 1483

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE
LICENCE NUMBER

4-1-04 TACH READS: 3469.42 HRS. A/C.T.T.: 3469.42 HRS

COMPLETED ANNUAL INSPECTION PER 91.207

AND PIEDMONT HAWTHORNE CHECKLIST, AT THIS TIME ACCOMPLISHED

ELT ANNUAL INSPECTION PER 91.207 APPENDIX (D). INSTALLED

BRAKE LININGS ON LEFT MAIN. INSTALLED 1 NEW BEARING

IN NOSE WHEEL. REINSTALLED LIFT DETECTOR IN LEFT WING FOLLOWING

AN OVERHAUL BY SAFE FLIGHT INST., P/N C-46001 S/N ON: 227805. REPLACED

3 BROKEN STATIC WICKS WITH NEW. A.D. NOTES CHECKED

THRU BI-WEEKLY 2004-05. REPLACED CRACKED TAILPIPE WITH NEW

AT THIS TIME.

Date 4-1-04 Time in service 3469.42 HRS

I certify that this aircraft engine has been

inspected in accordance with a ANNUAL

inspection, and was determined to be in Airworthy

Condition. Mechanic's Signature *Thomas Kolbe*

Pertinent details of this inspection are on file at this

repair station under Order No. 3731

Sair Aviation, d/b/a Piedmont Hawthorne (Syracuse)
835 1801 Maiden Road
Syracuse, NY 13211
CRS #EASR436D

O&N AIRCRAFT MODIFICATIONS, INC. SEAMANS AIRPORT 210 WINDSOCK LANE FACTORYVILLE, PA 18419 CRS:
LOG ID# 1624 20-April-2004 WO# 12364 AC TT 3470.6
N144BY S/N 24-0034 MOONEY M20J

Pg 1/1

Installed O & N Aircraft Modifications Fuel Bladder Cells, S/N 497, in Wet Wing Cavities (Configuration 1) per STC SA2277CE. Flight Manual Supplement dated 9/11/1987 provided. Maintenance Manual Report No. B-300 provided. Weight and balance and all pertinent records revised.

Myron Olson 4/21/04
MYRON OLSON Date

N# 144BY
MAKE: MOONEY
MODEL: M-20-J
S.N: 24-0034

TAC Air
6179 AMELIA EARHART DR.
SHREVEPORT, LA. 71109

FAA REPAIR STATION # UXDR900X

WORK ORDER# 325249
TACH: 3753.16
ACTT: 3753.16
19 APR, 2004

AIRFRAME LOG ENTRY COMPLETED ANNUAL INSPECTION THIS DATE USING INSPECTION GUIDE FROM MOONEY M-20-J MAINTENANCE MANUAL, CHAPTER 5. AIRCRAFT LUBED AND SERVICED PER MAINTENANCE MANUAL, CHAPTER 12. C/W 14 CFR 91.207(d), ELT TEST & INSP. INSTALLED NEW BATTERY, PN: 00-04-006A. BATT DUE RETIREMENT BY, JAN, 2007. C/W AD 2004-25-04 (f), BY INSERTING (f)(1)(2)(3)(4) IN AIRCRAFT FLIGHT MANUAL. C/W AD 2002-26-01, ENG FUEL INJ LINE INSP. INSTALLED NEW VACUUM RELIEF VALVE FILTER, PN: B3-5-1. RESEALED RT BRAKE CALIPER WITH NEW MS28775-224 O-RINGS. BLEED SYSTEM & SERVICED RESIVOIR. REPLACED TWO STATIC WICKS, PN: C592001-0203, ON HORZ STAB. CLEANED, TREATED & PAINTED BATT BOX. INSTALLED NEW ALTERNATOR BELT, PN: 37A19773-376. REPLACED RT MAIN WHEEL OUTB BEARING & RACE WITH NEW, PN: 13889 & 13836. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. *** end ***

I CERTIFY THAT THIS AIRCRAFT OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED AND / OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS, AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND / OR REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 325249

Tommy Hobbs 19 APR, 2004
UXDR900X TOMMY HOBBS DATE

AIR TIME AND

ENGINEERING RECORD

36

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
10/6/01	4	33	4	33	<p>Completed Annual Insp. due date 9/24/01. AD 85-24-03 and AD 76-07-12. C/W FAR 91.207(d) - Batt of ELT due 9/02. Installed misc. placards in cabin as required. Replaced left wing sending unit gasket. Replaced aft most Rudder push-pull tube and end. Replaced nose gear door to close properly. Installed serviceable brake master cyl. in left side. Bled brakes and serviced reservoir. Converted S.V.S. III to S.V.S. I by adding necessary paperwork. Replaced left brake linings. Lubed wheel bearings and flight controls.</p> <p>LANCASTER AVIONICS INC. LITITZ, PA 17543 KT76 CRS LN7R261N 7001 The transponder installed in this aircraft has been tested in accordance with FAR 41.423 and FAR 43, appendix E. March 1, 2002 BY [Signature] DATE 3-27-02</p>
12/10/01	3	38	2	1	<p>REMOVED PRESTOLITE STARTER. INSTALLED SKY-TEC STARTER I/A/W MFG INSTRUCTIONS. SEE WTT BALANCE CHANGE.</p> <p>Paul L. Yoder A & P 192647138</p>
3-27-02	3	40	27		<p>Repaired #2 KX170B, SN 40704. Removed faulty encoding altimeter (Aerosonic, SN C115998) and installed warranty exchange Aerosonic encoding altimeter, SN C117066. Ops chks/Leak chks OK. Details on file.</p> <p>LANCASTER AVIONICS INC. LITITZ, PA 17543 DATE 3-27-02 CERTIFICATE NO. LN7R261N SIGNED [Signature]</p>

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 27,000 ft. PN 10127-01694 SN C117066 WO#515890 DATE 3-26-02 Inspection [Signature]

Altimeter Type: ☒ Encoding ☐ Standard

☒ Mid-Continent Instrument Co. - Wichita, KS

☐ Mid-Continent West - Van Nuys, CA

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
<p>LANCASTER AVIONICS INC. VCS 01/02/2012</p> <p>I CERTIFY THAT THE ALTIMETER, ENCODER, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E.</p> <p>UNIT TYPE TESTED TO</p> <p>#1 ALTIMETER Aerosonic 27,000 ft</p> <p>#2 ALTIMETER N/A</p> <p>ENCODER (S) Pilots Alt 27,000 ft</p> <p>STATIC SYSTEM TEST DATE 3-27-02</p> <p>SIGNATURE [Signature] DATE 3-27-02</p>		<p>LANCASTER AVIONICS INC. LITITZ, PA 17543 KT76 CRS LN7R261N 7001 The transponder installed in this aircraft has been tested in accordance with FAR 41.423 and FAR 43, appendix E. March 1, 2002 BY [Signature] DATE 3-27-02</p>	
<p>Tower Aviation, Inc. 06-21-02 N144BY _____ Hrs.</p> <p>1.) Replaced all tires (2-6.00-6 6 ply; 1-5.00-5 6 ply-Good Year Flight custom III); 2.) Replaced right inner tube; 3.) bled right brake and serviced. -END- Paul L. Yoder</p> <p>A & P 192647138 [Signature]</p>			
<p>Tower Aviation, Inc. 11-07-02 N144BY 3439.3 Hours</p> <p>1.) Checked flight controls for security and freedom of movement; lubed as required; 2.) Installed new intake gasket - #1 cylinder; 3.) adjusted prop gov; 4.) Serviced brake system; 5.) Serviced hyd reservoir; 6.) Serviced battery; 7.) CW FAR 91.207d ELT check. ELT battery replaced exp. 12/04; 8.) Remove and reinstall turn coordinator (P/N 50-001-14-Serial # 1076009); 9.) AD'S checked through 2002-23; 10.) C/W landing gear ext./retraction & emergency est. checks; no defects noted; C/W AD 76-07-12 Bendix ing. switch by ops check, no defects noted; C/W AD 85-24-03 Part B, Fuel Cap Inspection-visual no defects noted; C/W AD 99-24-10 Stby vac sys by ops check, no defects noted; 11.) C/W an annual inspection. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy condition.</p> <p>Paul L. Yoder [Signature]</p> <p>A & P 192647138IA</p>			

AIR TIME AND

ENGINEERING RECORD

35

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
2-10-00					Removed #1 Navcom KX170B SN 40704 for repair & installed loaner KX170B SN 56605 & tested operation OK. Details on file W.O. 4645 this date. LANCASTER AVIONICS INC LITITZ, PA 17543 DATE 2-10-00 CERTIFICATE NO. LN7R261N SIGNED [Signature]
2-15-00					Removed loaner KX170B, SN 56605 & reinstalled repaired KX170B, SN 40704. ops check OK. Details on file W.O. 4645 (copy). LANCASTER AVIONICS INC LITITZ, PA 17543 DATE 2-15-00 CERTIFICATE NO. LN7R261N SIGNED [Signature]
5-9-00					Reinstalled KX170B after bench test. Repaired KMA70 and drop panel. Installed KX99 handheld ant adapter w/weight negative replaced Co-pilot's PTT. ops test OK. Details on file W.O. 4866 this date. LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 5-9-00 CERTIFICATE NO. LN7R261N SIGNED [Signature]
7-28-00					Remove defective encoding altimeter P/N 101627-01344 SN C101175. Installed P/N 101627-01696 SN C115998. Started operation OK. Details on file W.O. 5063 this date. LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 7-28-00 CERTIFICATE NO. LN7R261N SIGNED [Signature]

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 27,000 ft. P/N 101627-01696 SN C115998 WO# 518891 DATE 7/27/00 Inspection 7



Altimeter Type: ☒ Encoding ☐ Standard
☒ Mid-Continent Instrument Co. - Wichita, KS
☐ Mid-Continent West - Van Nuys, CA

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
7-28-00	LANCASTER AVIONICS, INC. LITITZ, PA 17543 CRS LN7R261N 5163 The transponder installed in this aircraft has been tested in accordance with FAR 91.413 and FAR 43, appendix F BY [Signature] DATE 7-28-00		
DATE 8-1-00 TACH 3309.5 TAF 3309.5 C/W AD 95-24-03 BY INSPECTION - LEAK CHECK ONE 8/01 C/W AD 99-24-10 PRECISEFLT SUSTA ASPER REPORT SC050 C/W FAR 91.207(d) BY ELT INSPECTION & INSTALLATION OF NEW BATTERY PACK. INSTALL NEW RUDDER CONTROL ROD END INSTALL NEW ALERON LEFT DASH/PULL TUBE. INSTALL NEW FUEL CAPS KIT SE20-072-002. INSTALL NEW RIGHTSIDE NOSE WHEEL BEARING. INSTALL NEW STROBE COVERS. INSTALL NEW STABILATOR TRIM SCREW LINE CHECK TRAVELS, CRACKS, TENSIONS, LUBRICATE & SERVICE AS PER MOONEY SERVICE MANUAL. END		HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.	
8-4-00 Removed loaner KT208. Installed repaired KT 208 SN 52204 & tested operation OK. Installed repaired WAU122 SN 5079 repaired by Narco. Tested operation OK. Completed installation of AV-17 Voice annunciator & tested operation OK. Details on file W.O. 5073 this date. (Entry made in error)		LANCASTER AVIONICS INC LANCASTER AIRPORT LITITZ, PA 17543 DATE 8-4-00 CERTIFICATE NO. LN7R261N SIGNED [Signature]	
22-01 REINSTALLED AUTOPILOT COMPONENTS INCLUDING PITCH SENSOR P/N 54-002, SERVO S P/N 52-001-14 SN 876043 & SN 876043, SERVO AND SN 1076024 & SN 401023, & 73B-C CONTROLLER SN 1275002. GROUND CHECKED FOR FREEDOM OF MOVEMENT. [Signature] HENRY WEBER A/C DISTR. CR 40YR103K W.O. 12804 END			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					<p>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</p> <p>I FIND THAT THIS AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUESTED AND HAVE ISSUED A <u>Standard</u> AIRWORTHINESS CERTIFICATE DATED <u>JUN 17 1998</u> Next inspection due 6-30-99</p> <p><i>James P. Nelson</i> JAMES P. NELSON SAC. FSDO</p>
25 Aug 98					<p>Repaired May 2 KX170B SN40704, ops check in aircraft OK. Repaired KI 266 DME indicator, SN 4063. Ops check in aircraft OK. Calibrated GS #1 TO meet mfg. specs. Details on file W.O. 3035 (CWK)</p> <p>LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 8-25-98 CERTIFICATE NO. LN78261M SIGNED <i>Mark J. Fort</i></p>
9-30-98					<p>Tach 3183.06</p> <p>Replaced vacuum pump Model 215CC SNW on S 7AP 2052. Approved for return to service.</p> <p><i>Chasme Lowers</i> ATP 1399205</p>
10-1-98					<p>Tach 3183.06</p> <p>Replace both main tires with BF Goodrich 600x6 ply tires, <i>Shaver Huffer</i> ATP 999663452</p>
12-8-98					<p>Removed Attitude gyro ^{SN152} to be sent in for repair - Re installed</p> <p>Repaired Attitude gyro ^{SN152} from SKY West Instruments. Ops check OK - Details on file W.O. 3360</p> <p>Replaced "Pitch Axis" 15A ^(CWK) auto pilot circuit breaker. (JCS)</p> <p>LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 12-8-98 CERTIFICATE NO. LN78261M SIGNED <i>Mark J. Fort</i></p>
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
05/20/99 TACH: 3230.0			
Installed a New 215CC Airborne Vac Pump S/N: 9AP3326. Installed a new Garlock Seal for Pump.			
Ops/Leak Check Good.			
Paul L. Gehr ATP192647138			
8-16-99 TACH 3233.3 - AIRFRAME TOTAL TIME - 3233.3 HRS		HENRY WEBER AIRCRAFT DISTRIBUTORS, INC.	
COMPLETED ANNUAL INSPECTION THIS DATE: 8/2000		 	
41418 85-24-03 (B) FUEL CAPS INSPECTION JAW MOONEY SB M20-329 AD 98-21-26 GEAR LEG REWORK-15 N/A BY AIRFRAME S/N AD 98-24-11 ALERON LINKS - WAS COMPLIED WITH 6-11-98 BY LASAR (SEE LOG ENTRY) AD 99-11-07 M20-R WITH AIR CONDITIONING IS N/A BY AIRFRAME MODEL AD 93-05-06 ACS/GERDES IGNITION SWITCH - INSPECTION/LUBRICATION OF SWITCH IS DUE AT AIRFRAME TOTAL TIME - 4096.0 AD 98-14-03 KT76A TRANSPONDERS - IS N/A 4 KT-76 MODEL (EVERY 200 HRS) MOONEY SERVICE INSTRUCTION - GEAR MOTOR RUBBER COUPLING INSPECTION		LANCASTER AIRPORT LITITZ, PENNA. DATE 8-16-99 REP. STATION NO. BY RT03K PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER ORDER NO. 12350 INSPECTOR Larry J. Snyder AIRCRAFT 3233.3 ENGINE 12350 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A (AN) ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
INSTALLED NEW MOONEY INSULATION KIT JAW SB M20-208B REPLACED ALL COMPASS GASKETS & SERVICED WITH FRESH COMPASS FLUID REPLACED AFT FLOOR PANEL P/N 340156-035 AND BOTH PILOTS SEAT RAILS. INSTALLED NEW MOONEY VOLTAGE REGULATOR S/N 213 & ADAPTOR HARNESS JAW MOONEY KIT 800270-99505. REPLACED R. WING OUTBOARD FUEL SENDER, ALL FUEL CAP O RINGS, TAIL NAV BULB & WIRING, ALL NOSE GEAR DOORS ROD ENDS, NOSE TOWING INDICATOR, LEFT BRAKE PISTON O RING, BOTH BRAKE DISCS, LEFT BRAKE TORQUE PLATE AND INNER BRAKE PAD PRESSURE PLATE, VACUUM REGULATOR GARTER FILTER. CLEANED UP LOOSE WIRING BEHIND INSTRUMENT PANELS & SECURED AS NEEDED. CLEANED & REPAINTED BATTERY BOX & REPLACED GROMMETS FOR WIRING. SERVICED BATTERY & BRAKE FLUID RESERVOIR, REWUBED ALL ALERON TUBE GUIDE BLOCKS IN BOTH WINGS, REPACKED ALL WHEEL BEARINGS, GREASED ALL LANDING GEAR & LUBED ALL FLIGHT CONTROLS WITH "TRI-FLOW" SPRAY LUBE. INSTALLED NEW GEAR SELECTOR SWITCH, OPS CHECK OF GEAR OK.		The installed ELT serial no. 2829 has been inspected in c/w part 91.207 para. D. and is approved for return to service. DATE 8-16-99 W.O.# 12350 INSPECTOR Larry J. Snyder CRSDY12103K	
END ANNUAL ENTRY 11/6/2000 Tach: 3276.73 Replaced alternator with Electrosystems overhauled unit P/N 12495 S/N: 8022013. Run-up ops OK good. - END -		CRS DYIR103K 12495 H.W. Ac Dist. Inc.	

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE																												
	HRS.	MIN.	HRS.	MIN.																													
BROUGHT FORWARD																																	
<u>APR. 14/98</u>				<u>2779.2</u>	- REPLACED BRAKE LININGS - REPLACED VACUUM HOSE																												
COMPASS SWING																																	
<table border="1" style="float: left; margin-right: 20px;"> <tr> <td>FOR</td> <td>N</td> <td>30</td> <td>60</td> <td>E</td> <td>120</td> <td>150</td> </tr> <tr> <td>STEER</td> <td>001</td> <td>032</td> <td>061</td> <td>090</td> <td>118</td> <td>145</td> </tr> <tr> <td>FOR</td> <td>S</td> <td>210</td> <td>240</td> <td>W</td> <td>300</td> <td>330</td> </tr> <tr> <td>STEER</td> <td>175</td> <td>201</td> <td>243</td> <td>274</td> <td>304</td> <td>332</td> </tr> </table> <div style="clear: both;"></div>						FOR	N	30	60	E	120	150	STEER	001	032	061	090	118	145	FOR	S	210	240	W	300	330	STEER	175	201	243	274	304	332
FOR	N	30	60	E	120	150																											
STEER	001	032	061	090	118	145																											
FOR	S	210	240	W	300	330																											
STEER	175	201	243	274	304	332																											
100 HR. INSPECTION COMPLETED PER CAR 625 APPENDIX B Date <u>APR 14/98</u> Lic No. <u>M10382C</u> Sign. <u>[Signature]</u> AMO No. <u>461-01</u>																																	
<u>6-4-98 TACH 3143.5</u> <div style="float: right; width: 30%;"> <p>N 144BY</p> <p>I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM & ALTITUDE REPORTING TESTS REQUIRED BY FAR 91.411 & THE TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED. ALTIMETER TESTED TO <u>20,000</u> FT. IAW FAR 43 app E on <u>6-4-98</u></p> <p>Signature <u>[Signature]</u> Date <u>6-4-98</u> LAKE AERO STYLING, CRS NT3R722L</p> </div>																																	
SCALE CORRECTIONS																																	
Altimeter <u>20,000</u>																																	
Alt. Reads	ADD	Alt. Reads	ADD																														
-1000	-5	12000	-40																														
0	+5	14000	-40																														
500	-10	16000	-5																														
1000	-5	18000	+30																														
1500	-10	20000	+70																														
2000	-10	22000	X																														
3000	-20	25000	X																														
4000	-10	30000	X																														
5000	-20	35000	X																														
6000	-30																																
8000	-30																																
10000	-40																																

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
11 JUN 1998	<p>TACH 3143.5 & TOTAL TIME ANNUAL INSP: ELT BATT EXPIRES 6-2000; R&R AH GYRO, CLOCK, OAT PROBE, STROBE LGT PWR SUPPLY, RH MLG RAT SOCK; GEN'L MAINT; U.S. REGISTRATION ASSIGNED INSTALLED - N144BY, IMPORTED FROM CANADA; WEIGHED AIRCRAFT-SEE WEIGHING REPORT; C/W S.B. M20-264 BY INSTALLING MOD FAA APPROVED AILERON LINKS, AD's 85-24-03(b) BY REPLACING O-RINGS, 76-07-12R1 BY INSPECTION; INSTALLED MISSING REQ'd PLACARDS; TCDS 2A3 CONFORMITY-SAT. PROPELLER TTSN 1702.2, TSOH 751.3.</p> <p>I certify that this AIRCRAFT has been inspected in accordance with <i>ANNUAL</i> inspection and was determined to be in airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order <u>98-133</u>. <i>Lake Aero Styling & Repair, FAA Repair Station NT3R722L,</i> 4725 Highland Springs Rd, Lakeport CA 95453, 707-263-0412</p> <p><i>Paul E. Loewen</i></p>		
17 JUN 1998	<p>TACH 3146.2 R&R OAT PROBE MOONEY P/N C203-100 AND INDICATOR MOONEY P/N C203-005; INSTALLED REPLACEMENT SUN VISORS-ROSEN PRODUCT DEVELOP, IAW ROSEN STC SA00071SE, SEE 337; DELETED R-NAV KN-74 PUSH-TO-TEST LABEL (FACTORY INSTALLATION) PER FAA SAC FSDO REQUEST; VERIFIED AFM/POH REV. G; PER FAA REQUEST GENERATED NEW AD LOG; VERIFIED MLG DOORS AS FACTORY PARTS; VERIFIED TAIL SURFACE HINDGES ARE AS FACTORY; VERIFIED INSTALLATION OF SIGTRONICS SPA-400 TSO INTERCOM PER INSTALLATION INSTRUCTIONS - SEE 337; VERIFIED OPS VERIFIED INSTALLATION OF DAVTRON FUEL FLOW SYSTEM - SEE 337; VERIFIED OPS & DOCUMENTATION INSTALLATION OF BONSOR RADAR ALTIMETER PER MOONEY AUTHORIZED DRWG 810081 (VERBAL INFORMATION RCVD FROM B. WHEAT, MOONEY DER) - SEE 337; VERIFIED TANNIS CYL HEATER REMOVED BY PERSONS UNKNOWN AND PLACARD REMOVED; PULL PIN REPLACED ON CABIN FIRE EXTINGUISHER; AILERONS RIGGED TO FACTORY SPEC'S; ENGINE TACH MARKED TO AFM SPEC'S; VERIFIED AFM/POH REV. G CURRENT; INSTALLED NEW STROBE LIGHT PLACARD; R&R SHOULDER HARNESS WITH FACTORY KIT; CORRECTED SEAT BELT ROUTING; REMOVED STATIC PORT EDGE PAINT; LABELED RADAR ALTIMETER CB; ELT MOUNTING TESTED TO CAR 3 STANDARDS-SATISFACTORY.</p> <p>This component was repaired and inspected in accordance with current Federal Air Regulations and found to be airworthy for return to service. Pertinent details of the repair/work are on file at this repair station in Work Order <u>98-143</u>. <i>Lake Aero Styling & Repair, FAA Repair Station NT3R722L, 4725 Highland Springs Rd,</i> Lakeport CA 95453, 707-263-0412</p> <p><i>Paul E. Loewen</i></p>		
17 JUN 1998	<p>I HAVE INSPECTED THIS AIRCRAFT AND FIND IT SAFE FOR THE INTENDED FLIGHT.</p> <p><i>Paul E. Loewen</i></p>		

AIR TIME AND

ENGINEERING RECORD

32

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2719	7	
MAY 01-97		5			
JUN 03-97					REMOVE GEAR MOTOR & DRIVE ASSY., FOR REPAIR & NEW SWITCH - CHECK LANDING GEAR OVER CENTER
					REPLACE MAIN HORN & GEAR SQUAT SWITCH & RIG - COMPLETE GEAR SWING - CHECK MANUAL EXTENSION
JUN 05-97	1	0			
JUN 19-97					REMOVE ENGINE DRIVEN FUEL PUMP & REPLACE WITH PER PROGRESSIVE AIR SERVICES & REINSTALL - REMOVE GROUND RUN & SET UP IDLE MIXTURE & IDLE SPEED
SEPT 13-97	17	1	2736	8	
SEP 16-97					OIL & FILTER CHANGE (ARDEXELL 15W50) FILTER & IDLE SPEED ADJUSTED - COMPASS FLUID LEVEL
SEP 26-97	1	1	2737	9	
OCT 01/97	2	0	2739	9	
OCT 17/97	5	0	2744	9	
OCT 20/97	4	7	2749	6	
NOV 01/97	1	3	2750	9	
NOV 03/97	2	0	2752	9	
NOV 09/97	2	0	2754	9	
NOV 11/97	1	7	2756	6	
NOV 14/97	1	1	2757	7	
NOV 25/97	1	1	2758	8	
DEC 05/97	1	9	2760	7	
DEC 12/97	1	0	2761	7	
DEC 29/97	1	5	2763	2	
JAN 09/98	2	1	2765	3	
FEB 16/98	- COMPASS FLUID TOPPED UP, QUICK DRAIN TIGHTENED & LOCK WIRED, PILES RETURNED AIRCRAFT STARTER FOR REPAIRS PER VALLEY AERU ENGINES CHECKS OK (TRANSCRIBED FROM TOURNEY LOG) &				
FEB 16/98	1	5	2766	8	
FEB 23/98	1	5	2768	3	
FEB 25/98	4	6	2772	9	
MAR 03/98	4	8	2777	7	
MAR 21/98	1	5	2779	2	
CARRIED FORWARD					

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
REINSTALLED, REMOVE GEAR DOWN LIMIT SWITCH & REPLACE WITH DOWN LOCK PRESSURE AS PER MOONEY MJ20-J MAINTENANCE MAN. REPLACE GEAR WARNING HORN. REPLACE STALL WARNING HORN, GEAR POSITION LIGHTS, GEAR WARNING SYSTEM ALL SYSTEMS OK		AMO 203-93	M405223
NEW PUMP PN# LW15473 - REMOVE BENDIX FCL FOR REPAIR			M405223
MAG CAP & HARNESS & REPLACE WITH NEW CAPS HARNESS			M406923
ED - INDEPENDENT INSPECTION OF POWER PLANT CONTROLS AFFECTED			
INSPECTED FOR CONTAMINANTS - "NONE FOUND" - IDLE MIXTURE ADJUSTED - GROUND RUN CHECKS OK - TRANSCRIBED FOR			M405223

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
Oct 24/96	2	2	2677	4	
Oct 31/96	2	7	2680	1	
Nov 6/96	1	3	2681	4	
Nov 28/96	2	0	2683	4	
DEC 16/96	1	2			
JAN 15/97	1	5			
FEB 04/97	1	3			
FEB 09/97	1	4			
FEB 23/97	1	5			
MAR 08/97	2	1			
MAR 14/97	1	5			
MAR 16/97		7	2693	7	
MAR 27/97					PITOT STATIC SYSTEM CHECKED & FOUND SATISFACTORY
MAR 27/97					ANNUAL INSPECTION COMPLETED PER CHAPTER 571 APEND
					COMPLETE OIL & FILTER CHANGE, AEROSHELL 15W50 OIL
					RIGHT VISOR - REMOVE #2 RADIO, CLEAN CONTACTS &
					RE & RE MAGNETO FOR IMPULSE COUPLING INSP, PER
					CALIPER - REPLACE CLAMP ON LH TAIL PIPE - RE & RE
					HORN ASSY - FIBERGLASS UPPER ENGINE COWLING -
					AIRCRAFT GROUND RUN & CHECKS OK
MAR 28/97					BRAKE SYSTEM BLED & CHECKS OK
MAR 28/97	1	7			
MAR 29/97	1	7			
MAR 29/97	2	9			
MAR 29/97	2	4			
MAR 30/97	2	0	2704	4	
MAR 30/97	1	7			
MAR 31/97		9			
MAR 31/97	2	0			
APR 02/97	2	2			
APR 03/97	1	5			
APR 04/97	3	9			
APR 04/97	1	4			
APR 24/97	1	7			
			2719	7	CARRIED FORWARD 2719.7

ENGINEERING RECORD

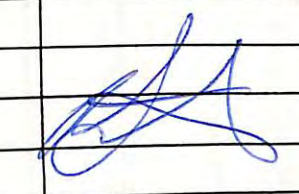
INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
TRANSPOUNDER REMOVED & BENCH ALIGNED & REINSTALLED TO AIRCRAFT.	AMO 05-80 RZ AVIONICS	AMO-05-80
"A" OF THE AIRWORTHY MANUAL & APPLICABLE MAINTENANCE MANUAL		
& INSPECT FILTER - CHECKS OK - INSTALL "MOONEY" DECALS REPAIR		
REINSTALL - RE & RE FLT FOR RECENT - CLEAN & GAP SPARK PLUGS		
VALLEY AERO ENGINE - SERVICE BATTERY - OVERHAUL R/H BRAKE		
ALTIMETER FOR 2 YEAR CERTIFICATION - SHIM NOSE GEAR		93 AMO-203-
PITOT STATIC LEAK CHECKED - (AS PER RZ ELECTRONICS) AS PER ABN ENTRY		AMO-203- B

AIR TIME AND

ENGINEERING RECORD

30

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2630	8	
April 17/96	0	0	2630	8	Fuel pressure/Manifold press. gauge repaired
27	1	3	2632	1	
May 05/96	2	0	2634	1	
06	1	8	2635	7	
12	2	0	2637	7	
13	1	2	2638	9	
15	2	8	2641	7	
26	0	3	2642	0	
July 05/96			2642	0	Removed landing gear motor, Repaired checks O.K.
July 6/96	1	0	2643	0	
July 6/96	1	5	2644	5	
July 26/96					flaps ailerons rudders + elevators 10 + 10
July 26/96	1	0	2645	5	
Aug 1/96	1	2	2646	7	
" 5/96		7	2647	4	
" 10/96	1	3	2648	7	
" 22/96	2	2	2650	9	
" 26/96	1	4	2652	3	
" 27/96		6	2652	9	
Sept 9/96	4	7	2657	6	
" 9/96	3	0	2660	6	
" 13/96	7	4	2668	0	
" 14/96		7	2668	7	
Oct 1/96					#2 cylinder replaced with P/N 513 AIR, S/W spark plugs cleaned & gapped, #2 & #4 inter cylinder oil, Filter inspected - checks OK.
Oct 5/96	2	3	2671	0	
Oct 11/96		9	2671	9	
Oct 19/96	1	1	2673	0	
Oct 24/96					EGT probe replaced with new probe. Exhaust
Oct 24/96	2	2	2675	2	
CARRIED FORWARD					

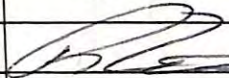





INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
per Pacific Avionics Lines Flushed, reinstalled		Transcribed	M315223
motor reinstalled Gear Swings completed,			M31502
for refinish "Transcribed from journey"			
522587, work order # 522587: Baffle repaired; oil & filter replaced (100 Acrosbell mineral) "Transcribed from journey"			M31502
outlet pipe clamp repaired "Transcribed from journey"			M31502

AIR TIME AND

ENGINEERING RECORD

29

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2601	2	
Aug. 17, 1995					Troubleshoot Stilt Elevator Trim - Install New Trim Actuator p/n 74023 Hampson Field Lakeport, Ca. 95453 System - Independent Check out
Aug. 31, 1995	1	0			
Sept. 23, 1995	1	0			
24	1	7			
26	1	7			
Oct. 14, 1995	0	0			Remove Servo Trim Motor for Repairs per
Oct. 14, 1995	1	5			
19	1	5			
Oct. 20, 1995	0	0	2609	6	Change Engine Oil using Aeroshell and Perform Landing Gear Swings -
21	2	0			
27	1	8			
28	2	2			
Nov. 15, 1995	1	0			
26	1	0			
Dec. 05, 1995	1	9			
22	1	7			
Feb. 26, 1996	1	4			Install Mooney Service Kit #M20-250-01B
Feb. 26, 1996	0	0			
29	1	2			
Mar. 02, 1996	1	6	2625	4	Annual Inspection Completed per Chap 571 Manual and the Manufacturer's Check Using Aeroshell 15W50 Engine Oil - Complete Re + Re E.H.T for Re-certification per Landing Gear Warning Horn - Complete E-90, 120-118, 150-148, S-175, 210-209, 240- Complete #M20-208 Tubular Structure -
Mar. 22, 1996	0	0	2625	1	
March 23	2	0	2627	1	
24	1	2	2628	3	
April 10	2	0	2630	3	
14	0	5	2630	8	
			2630	8	CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
Remove Elevator Trim Actuator and 0-501 p/c Lake Aero Styling + Repair Invoice # 23570 - Re-Rig Elevator Trim the Flight Controls Affected - P. Gudermson MB41502		Wings AMO-203-93 	MM405223
the Gyro House + Re-install (Wings AMO-203-93)			MM405223
15W50 Engine Oil - Place Aircraft on Jacks System Checks O.K. (Wings AMO-203-93)			MM405223
to Comply with AWD #95-26-16 (Wings AMO-203-93)			MM405223
Appendix "A" of the Airworthiness Sheets - Complete Oil + Filter Change Sign 1-7802-7803-7804-780 R/C Avionics - Troubleshoot + Repair Compass Swing N-01, 30-32, 60- 243 W-274, 300-304, 330-333 Aircraft Ground Run		WINGS LIGHT AIRCRAFT MAINTENANCE AMO # 203-93 MM405223 Signed  Date 	
THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS.			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2542	3	
Nov 30, 1994	3	0			
Dec 1, 1994	6	5			
3	2	0			
4	4	7			
8	4	5			
9	3	7			
29	1	0			
Jan 06, 1995	2	0			
21	2	8			
Mar. 08, 1995	0	0	2572	5	Annual Inspection Completed per Chap. Manual, Engine Compression 1-76/80 Using Aerostell 15Wx50 Engine Oil - and Recertification - Choke Strip, Cooler Line - Install Shims & Bushings Fuel Selector Decal - Remove & Treat Walk - Open R/H Fuel Tank Panels Removed as Necessary - Tank Re-sealed Re-installed - Aircraft Grand Run
March 12, 1995	1	6			
25	2	5			
April 02, 1995	2	5			
22	1	5			
29	2	0			
May 10, 1995	1	5			
18	1	3			
25	1	0			
27	3	0			
June 01, 1995	2	0			
2	3	2			
8	1	8			
13	2	0			
July 02, 1995	2	0			
Aug. 17, 1995	0	8	2601	2	
					CARRIED FORWARD

ENGINEERING RECORD

[illegible]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2182	9	
May 23, 1994	1	7			
30	1	2			
June 03, 1994	1	0			
6	1	4			
June 10, 1994	0	0	2482	2	Top Spark Plugs Removed and Engine Plugs Re-installed - Oil Changed using Repair 1/4 Sun-Visor - Reinstall Main Engine Removed for Repairs Due to
June 10, 1994	0	0			Engine Installed after Repairs at Aircraft Released to Service. Subject
Aug 25, 1994	0	0	2482	2	Check for Powerplant Controls Affected
Aug 30, 1994	2	7			
Sept 03, 1994	1	0			
6	1	6			
12	5	5			
13	7	8			
14	0	7			
17	0	0			
18	0	5			
19	1	3			
20	4	7			
21	3	6			
25	4	3			
26	4	0			
Oct 06, 1994	0	3			
07	0	7			
12	3	0			
15	1	2			
17	1	2			
25	2	0			
30	1	5			
Oct 30, 1994	0	0			Oil & Filter Changed Using Phillips 20W50
Nov. 12, 1994	3	0			
17	3	5	2542	3	
CARRIED FORWARD					

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
Compression Checked 1-7/8 2-7/8 3-7/8 4-7/8			
Phillips 20Wx50 Oil - Filter Changed CH48103			
Gear Wheel Covers. Wings AMO-203-93 -			
Metal found in Oil Filter			
Valley Aero Engines - Ground Run Satisfactory -			
to Satisfactory Test Flight - Independent			
by Engine Re & Re - P. G. Hammon MS41502			
Transcribed			
Mineral Oil & CH48103 Oil Filter. AMO-203-93			

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2410	6	
Mar 4, 1994					Re-installed A/P Controller, 2 Servo after Repairs - Install New Central
Mar 4, 1994	1	3	2411	9	
5	1	5	2413	4	
6	2	2	2415	6	
7	2	1	2417	7	
8	2	5			
9	1	5			
19	1	7			
22	1	3			
23	2	6			
24	1	7			
28	1	5			
29	1	7			
31	2	0			
April 03, 1994	1	5			
4	2	5			
5	2	0			
8	0	7			
9	1	7			
12	0	6			
15	1	8			
16	3	0			
20	2	0			
22	1	7			
23	0	8			
26	6	0			
28	6	0			
May 05, 1994	2	0			
8	2	0			
8	4	2			
9	2	0			
11	0	7			
14	7	5	2482	9	
					CARRIED FORWARD

ENGINEERING RECORD

[illegible]

25

[illegible]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2336	20	
Sept 18 / 93		55	2336	75	
24		1	2336	85	
24	2	0	2338	85	
27	1	1	2339	95	
Sept 29 / 93					Exhaust Re-installed Tightened - New Nuts From Journey log book.
29	2	0	2341	95	
Oct 11 / 93	2	8	2344	75	
11	2	1	2346	85	
17		55	2347	4	
17	2	0	2349	4	
19	2	5	2351	9	
21	1	5	2353	4	
Oct 23 / 93					Replaced Flex fuel line, feed to fuel shortened - Transcribed from
Oct 26 / 93	1	5	2354	9	
Nov 16 / 93					All 4 cylinders Removed - Repaired per + Piston Assemblies - Fuel Injector Remove Governor Removed + Repaired per A-1 Propeller Removed + Repaired Reinstalled - Replaced
Nov 17 / 93	1	4	2356	3	
17	1	1	2357	4	
18	1	0	2358	4	
22	1	0	2359	4	
24	2	4	2361	8	
25	3	2	2365	0	
Dec 2 / 93	1	5	2366	5	
5	1	2	2367	7	
6	2	0	2369	7	
Dec 21 / 93					Artificial horizon Removed - Repaired - Aircraft - Transcribed from Journey
Dec / 22 / 93	2	2	2371	9	
23	1	8	2373	7	
27	3	8	2377	5	
					CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
washers - lock washers & Gaskets Installed - Transcribed			M079703
pump (engine Driven) - Oil breather tube			M341502
Journey log book.			
Maintenance release tags - Re-installed Cylinders			
d - Repaired per Progressive Air & Re-installed -			
er & Reinstalled on Aircraft - Exhaust Muff			M341502
Fuel line - Transcribed From Journey log Book.			
per Pacific Avionics & Re-installed into			
Log Book.			M341502

23

[illegible]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2264	50	
Jan 28/93					starter retorque. #1 cyl rocker box gasket changed. #2 rocker box drain insp. for ram air control fixed up tightened mixture rod end. shimmed cowl flap scissors induct air filter on rocker re clamped mixture control right Aileron aft rod end replaced left Aileron push rod #4 cyl repaired. Bendable right main gear foot pivot elevators rods ends in tail cone co-pilot sun visor re clamped. tubing insp c/w. vac. relief filter replaced shimmy dampers rod ends brake pads replaced wheel bearings repacked R brake overhauled nose wheel steering linkage elevator torque tube at nose birds nest removed from tail Right Cowl flap hinge bolts left Cowl door hinge replaced starter replaced under warranty.
Jan 29	1		2265	20	
30	2	00	2267	20	
31		20	2267	40	
FEB 5	2	40	2269	20	
7	1	20	2270	40	
19	1	00	2271	40	
24		55	2272	35	
28		50	2273	25	
MAY		50	2274	15	CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
leak none found			
(Aileron)			
changed ends at aileron & bellcrank 14-9596 grease fittings freed up replaced (3)			
replaced			
tightened wheel bay Pinot tightened lightened ty.			
Per AVIATION CANADA LTD			
TRANSFERRED FOR Journey Log			

Jan 28/93 Rudder Aileron
Independent inspection
carried out as per Chapter
571-201 of the Airworthiness
Manual.

The maintenance described above
has been performed in
accordance with the applicable
standards of airworthiness.

W. H. Sage 11079123

W. H. Sage 11079123

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2218	35	
Aug 13/92	3	05	2221	40	
14	3	10	2224	50	
19	3	10	2228	00	
22	5	50	2233	50	
26			2233	50	#3 cyl REPLACED 3/11 J06202 K0574A CMT PROBE REPLACED
27	5	15	2239	05	
29	4	55	2234	00	
Sept 3	4	50	2238	50	
5	5	15	2244	05	
19	3	00	2247	05	
Oct 7/92	1	55	2249	00	
11		50	2249	50	
17	1	40	2251	30	
20	1	00	2252	30	
Nov 1	3	15	2255	45	
5			2255	45	STARTER M2A222EEN 3/11 A80917 INSTALLED
6	1	00	2256	45	
23			2256	45	FUEL BOOST Pump OVERHAULED A/C 516
DEC 6	2	00	2258	45	
12	2	00	2260	45	
26		50	2261	35	
1993					
JAN 3/93	1	10	2262	45	
17	2	05	2264	50	
JAN 28/93			2264	50	ANNUAL INSP CARRIED OUT 1800 CHAP crack in inlet filter housing FILT. recast. fire wiring. recast. terminal box recast.
					CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
P/N 515A1/LW 13119	TRANSFERRED FROM Journey Log	<i>[Signature]</i>	11079203
		The maintenance described above has been performed in accordance with the applicable standards of airworthiness.	<i>[Signature]</i> 11079203
w/o 0531073		The maintenance described above has been performed in accordance with the applicable standards of airworthiness.	<i>[Signature]</i> 11079203
571 App "A" USING MDAW Insp Sheet AS A Guide Step drilled Life-jackets re-certified For Steer			
	01 30 60 90 120 150 180 210 240 270 300 330		
	01 30 60 90 120 146 177 208 24 270 300 329		

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2159	20	
Apr 11		25	2159	45	
17	3	30	2163	15	
18	1	40	2164	15	
20	2	30	2164	55	
MAY 2	1	15	2166	10	
3		40	2166	50	
7	1	45	2168	35	
MAY 10		50	2169	25	
15			2169	25	OIL CHANGED FILTER CHANGED BATTERY SERVICED AD 92-08-15 MM BY S/P.
MAY 23	1	55	2171	20	
30	1	10	2172	30	
June 12		50	2173	20	
19	3	45	2177	05	
20	1	00	2178	05	
30	0	40	2179	45	
July 1	2	30	2182	15	
4	2	30	2184	45	
9	2	30	2187	15	
10			2187	15	new HSR 83P PLUGS INSTALLED
11 July		50	2188	05	
12		45	2188	50	
16	5	10	2194	00	
17	5	00	2199	00	
23	5	00	2204	00	
25	5	05	2209	05	
30	1	00	2210	05	
Aug 6	4	55	2215	00	
7	2	50	2217	50	
9					
10		45	2218	35	APPLIED AEROSEAL TANK SEALANT PER STL CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

POWER PACK LOG ENTRY

7/1/92 Tach: 2400.05 Installed Precise Flight
SVS III Standby Vacuum System Kit
C/N 10623-6043 in accordance with
STC No. SE1779H1

Signature

A4P 5743623/93

SA 314550

TRANSFERRED FROM TOURNOY log

A4P 5743623/93

AIR TIME AND

ENGINEERING RECORD

19

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
1992					
BROUGHT FORWARD			2144	00	
JAN 18	1	35	2145	35	
JAN 24/92	-		2145	35	
JAN 28/92	-		2145	35	
					annual inspection carried
					landing light adj
					auto pilot checked - cables & attach
					electric trim checked & lubed
					rotating beacon bulb replaced
					belly antennae BNC connectors replaced
					broken nuts on belly panel replaced
					brake linings replaced
					recert. fire extinguisher
					main door seal reglued
					#4 cyl bottom plug replaced
					" " " " " " " " " "
					#1 cyl rocker cover gasket replaced
					right gear door outboard aft rod end
					tubular structure insp for corrosion
					left cowling repaired
					heat shield on inner right lower
					ELT recert.
					Compass filled & Sealing
					A/D 75-23-04 C/w
					right upper fuel tank re-sealed
					wheel bearings repacked
FEB 4	1	15	2146	50	
MAR 1	1	10	2147	00	
6	1	45	2149	45	
7	1	40	2151	25	
15	1	15	2152	40	
22		55	2153	35	
23		20	2153	55	
25	1	0	2154	55	
Apr 3	1	45	2156	40	
5	1	45	2158	25	
10		55	2159	20	

[illegible]

[illegible]

ENGINEERING RECORD

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2069	20	#3 ROCKER DRAIN TIGHTENED #2 & 4 ROCKER COVER GASKETS CHANGED #4 EXHAUST GASKET CHANGED PRESSURE LINE (FUEL) + EGT LEAD AT #1 CYL TIE NOSE GEAR ACCULATOR PIVOT RESHIMMED, MA CABIN HEAT + RAM AIR CONTROLS FREED UP CABIN HEAT HOSE MOVED AWAY FROM GOV. ARM TIGHTENED + RELOCKED COMPASS SWUNG P.TOT STATIC SYS. PERFORMANCE TEST CORRECTED ACCURATE TO 20000' NO LEAKS FOUND
JAN 10/91					
JAN 12	1	0	2070	10	
18	1	30	2071	40	
20	2	00	2073	40	
FEB 2	1	15	2074	55	
3	1	15	2076	15	
22	1	00	2077	15	
26	1	10	2078	25	
MAR 3		50	2079	15	
8	1	10	2080	25	
10	1	10	2081	35	
17		40	2082	15	
23	1	10	2083	25	
30	1	10	2084	35	
31		55	2085	30	
Apr 1	1	00	2086	30	
6	2	00	2088	30	
8	1	30	2090	00	
19		35	2090	35	
21		10	2090	45	
26		30	2091	15	
MAY 3		50	2092	05	
4		25	2092	30	
11		25	2092	55	
17		50	2093	45	
29		55	2094	40	CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
COMPASS CORRECTION			
FOR	0 30 60 90 120 150 180 210 240 270 300 330		
STEER	3 36 68 96 126 155 182 213 244 274 304 334		
up.			
N. PIVOT BOLT TIGHTENED + NEW STEERING ROD ENDS INSTALLED			
COWL FLAP CONTROL.			
REPORT PREPARED. ALT. & ALTITUDE ENCODER			
M324744			
TRANSFERRED FROM JOURNALS			

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2030	50	
MAY 18		55	2031	45	
25	1	00	2032	45	
29	1	00	2033	45	
JUNE 3	1	00	2034	45	
8	2	00	2036	45	
21	1	45	2038	40	
23	1	35	2040	15	
27	1	30	2041	45	
JULY 3	1	45	2043	40	
13	1	35	2045	15	
15	1	30	2046	45	
20		40	2047	25	
21		35	2048	00	
22	1	20	2049	20	
AUG 4		40	2050	00	
8	2	00	2052	00	
12	2	35	2054	35	
26		40	2055	15	
SEPT 13	-		2055	15	OIL & FILTER CHANGED
22		50	2056	10	
OCT 7	1	00	2057	10	
26	1	55	2059	05	
NOV 1		55	2060	00	
5		50	2060	50	
10	1	00	2061	50	
12	1	10	2063	00	
16	1	00	2064	00	
18	1	50	2065	50	
23	0	55	2066	45	
DEC 9		50	2067	35	
14	1	00	2068	35	
27		45	2069	20	
DEC 28/90	-		2069	20	
					ANNUAL INSP CARRIED OUT USING TUBULAR STRUCTURE INSP. CARRIED FORWARD ELT RECERTIFIED

[illegible]

AIR TIME AND

ENGINEERING RECORD

15

DATE 1990	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			2016	15	
JAN 19		45	2017	00	
26	1	40	2018	40	
FEB 1	1	15	2019	55	
4		55	2020	45	
MAR 8/90	-		2020	45	ANNUAL INSPECTION CARRIED OUT USING ROCKER COVER GASKETS CHANGED CRACK IN EXHAUST SHROUD STOP DRILLED RAM AIR CONTROL SECURED CRACK AT AIR FILTER STOP DRILLED SCREWS MISSING ON FRONT BARRIER & WHEEL WELL REPAIRED ALTITUDE SENSOR SHOCK MOUNTS REPLACED NEW ROLL PINS INSTALLED IN RIGHT NOSE GEAR RETRACT ROD GEAR RE-RIGGED RODS ADJUSTED AS REQUIRED & LIMIT SWITCHES ADJUSTED FUEL CAPS DECORRODED & NEW SEALS INSTALLED A/C SPRAYED ON INSIDE WITH AC-50
MAR 10		40	2021	25	
23	1	40	2023	05	
24		35	2023	40	
MAR 28/90	-		2023	40	COMPASS REPAIRED & SWUNG CORRECTION FOR 0 30 60 90 120 150 180 210 240 270 STEER 1 29 62 95 124 152 179 209 239 271
29	1	30	2025	10	
Apr 1		50	2026	00	
7		55	2026	55	
12	-		2026	55	
15		40	2027	35	BATTERY SOLINOID CLEANED & LUBED
16	1	00	2028	35	
22		40	2029	15	
27	-		2029	15	
29		25	2029	40	ALTERNATOR NOISE SUPPRESSOR INSTALLED
MAY 17	1	00	2030	50	CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
MANUFACTURES 100HR INSP SHEET AS A GUIDE		COMPASS FOR	STEER 001
BATTERY MAX LID SEAL REPLACED		30	024
CORROSION ON TERMINAL OF BATTERY CLEANED		60	062
DOOR LATCH PIN ADJUSTED		40	095
AIR HOSE REPLACED & RECLAMPED		120	124
FUEL PRESSURE LINE RE-ROUTED & TIED UP.		150	152
RUDDER STOP REPAIRED		180	179
OVERCENTER PRELOAD ON MAIN GEAR CHECKED		210	209
WHEEL BEARINGS REPACKED		240	239
MAIN TIRES CHANGED		270	271
NOSE WHEEL BEARINGS & 1 CONE REPLACED		300	301
LOOSE WIRES UNDER PANEL TIED UP		330	331
TUBE INSPECTION CARRIED OUT			
AILERON TRIM INSTALLED (STC III.150) ^{#3}			
ELECTRIC TRIM CHECKED & LUBED.			
TRANSFERRED FOR JOURNEY			
TRANSFERRED FOR JOURNEY			
TRANSFERRED FROM JOURNEY			

MAR 8/90
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Allen Sage 170623

TRANSFERRED FOR JOURNEY

Allen Sage

TRANSFERRED FOR JOURNEY

Allen Sage

TRANSFERRED FROM JOURNEY

Allen Sage 170623

AIR TIME AND

ENGINEERING RECORD

14

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1965	55	
JUNE 30	7	10	1973	05	
JULY 6	2	30	1975	35	
7	5	20	1980	55	
8	9	00	1989	55	
23	1	20	1990	15	
AUG 4	1	20	1991	31	
12	1	20	1992	51	
17	1	00	1993	51	
27		24	1994	15	
SEPT 2	2	00	1996	15	
15	1	00	1997	15	
16		50	1998	05	
OCT 7		55	1999	00	
OCT 12	1	00	2000	00	
12	-		2000	00	REPAIR REPAIR + REINSTALL #2 NAW + ADF
19		45	2000	45	
17	1	05	2001	50	
21		35	2002	15	
27	1	00	2003	15	
30		45	2004	00	
NOV 1	1	30	2005	30	
4	1	00	2006	30	
7		55	2007	25	
12	2	00	2009	25	
DEC 9	1	20	2010	45	
DEC 13	-		2010	45	REPAIR REPAIR + REINSTALL #2 NAW INDICATOR 5/11/1879
22	1	00	2011	45	
23	1	00	2012	45	
23	-		2012	45	
DEC 31	1	00	2013	45	THIS M/C IS BEING MAINTAINED IN ACCORDANCE
1990	-	-	-	-	ANNUAL INSPECTIONS ARE PERFORMED IN ACCORDANCE
JAN 13/90	1	00	2014	45	THE MANUFACTURES 100HR INSPECTION SHEETS AS
17	1	30	2016	15	

CARRIED FORWARD

[illegible]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1935	55	
FEB 11	1	30	1937	25	
12	1	00	1938	25	
20	1	30	1939	55	
21	1	05	1941	00	
22	1	10	1942	10	
23	1	15	1943	25	
24	1	30	1944	55	
MAR 11		45	1945	40	
19	1	00	1946	40	
APR 7	1	00	1947	40	
APR 14/89	-		1947	40	PLUGS CLEANED & TESTED #1 LEAD AT PLUG REPAIRED
APR 14	1	00	1948	40	
15	2	00	1950	40	
20	1	00	1952	48	
21		25	1952	05	
29	1	10	1953	15	
30	1	20	1954	35	
MAY 14	1	00	1955	35	
19		50	1956	25	
21		50	1957	15	
28		40	1957	55	
JUNE 1		50	1958	45	
JUNE 22/89	-		1958	45	PLUGS CHECK & CLEANED #2 & 4 LOWER PLUGS ALTERNATOR & REGULATOR OVERHAULED BY SIB. NEW O/S SEAL INSTALLED LOWER PORTION OF RIGHT FUEL TANK SEALED TRIM ELECTRIC MOTOR REMOVED CLEANED & REINSTALLED.
27		30	1959	15	
29	4	40	1963	55	
29	2	00	1965	55	
30					4 RHM38E PLUGS REPLACED BOTTOM CARRIED FORWARD

[illegible]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1917	03	
OCT 26	2	25	1919	28	
OCT 29			1919	28	
OCT 29	1	30	1920	58	NEW CONCORD BATTERY INSTALLED CAB
NOV 6	1	15	1922	13	
23	2	0	1924	13	
26	2	0	1926	13	
DEC 3	1	15	1927	28	
16	1	00	1928	28	
DEC 25	2	00	1930	28	
31	1	30	1931	58	
JAN 1989	-		1931	58	
26	-		1931	58	
JAN 27	1	20	1932	18	STATIC SYSTEM INSP TRANS PONDOR ALTITUDE
28	1	10	1933	28	
FEB 2/89	-		1933	25	TIME CORRECTED TO DATE
					COMPLETE A/C INSPECTION CARRIED OUT
					GEAR DOOR ROD END FREED UP
					NOSIE WHEEL SHOCK REMOVED + REINSTALLED
					4 NEW #58 86 PLUGS INSTALLED (LOWER)
					MAG GASKET CHANGED MAG OVERHAUL
					RAM AIR CONTROL REPLACED.
					#1 CYL ROCKET COVER GASKET CHANGED
					RIGHT FUEL TRANS MITTER TIGHTENED
					EXHAUST GASKETS REPLACED
					PUSH RODS IN BELLY LUBED.
					LANDING LIGHT & LENS REPLACED
					RAM AIR CONTROL REPLACED
					#2 CYL LOWER PLUG LEAD NUT REPLACED
					RESECURED AUTO PILOT
					RIVET AT LOWER COWL ATTACH STRIP REPLACED
					RUDDER ROD ENDS (R) SHOPPY NEW ON ORDER
					AILERON ROD END R. " " " "
3	15		1933	40	
4	1	05	1934	45	
7	1	10	1935	55	
					CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

ID 155C 3/N 000241

Reporting Equip. Inspection

AIRWORTHY CERTIFICATION

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the aircraft is determined to be airworthy.

Signed Adrian SageLic. No. VRN 627Date FEB 2/89

GUIDE IN SERVICE MANUAL FOR C.C.E.

(NEW ROD ENDS ON ORDER)

Gear Missing A TOOTH POINTS PITTED.

COMPASS SWUNG	0-01	90-90	180	180	270-275
	30-27	120-121	210	210	300-300
	60-58	150-151	240	241	330-330

EAT DUE SEPT/89

CERTIFICATION (2) I certify that I have flown this aircraft and its performance, flying qualities, functions of controls, powerplant, and landing gear, etc., were equivalent to the standard of the type.

Signature Adrian SageLic. No. VRN 627 Date Feb 2/89

CERTIFICATION (1) I certify that I have inspected this aircraft in compliance with the Condition and Conformity Inspection procedure prescribed in the Engineering and Inspection Manual and the aircraft is airworthy or serviceable, whichever is applicable.

Signature Adrian SageLic. No. VRN 627 Date FEB 2/89

AIR TIME AND .

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1844	50	
June 17	1	30	1846	30	
19		30	1847	00	
20	6	35	1853	35	
21		45	1854	20	
24	1	00	1855	20	
25	7	55	1867	15	
July 2		35	1863	50	
8	3	55	1867	45	
13		35	1868	20	
18		55	1869	15	
23	1	55	1871	10	
Aug 1		35	1871	45	
7	1	00	1872	45	
11	2	00	1874	45	
13	2	00	1876	45	
19	1	10	1877	55	
21	7	45	1885	40	
24	8	15	1893	55	
29	7	13	1901	08	
30	5	25	1906	33	
31	3	00	1909	33	
Sept 13	-		1909	33	
					100-hr inspection carried out
					changed oil Temp. + CNT
					changed #2+4 push rod seals
					tightened #4 intake gaskets
					repaired gear
					repaired gear indicator light
					ALT recentified
Sept 16	2	57	1912	33	
30		45	1913	18	
OCT 2	2	0	1915	18	
OCT 9	1	45	1917	03	
OCT 20			1917	03	
					ALTERNATOR + STARTER
					CARRIED FORWARD
					REPAIRED

ENGINEERING RECORD

[illegible]

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1815	35	
Jan 29	#1	57	1818	32	
Feb 5	2	43	1820	15	
12	1	50	1822	05	
28		55	1823	06	
MAR 1					oil changed 15W50 shell. filter removed checked & new installed engine checked over
4	1	15	1824	15	
6	1	25	1825	40	
11	1	50	1827	30	
14		50	1828	20	
18	1	45	1830	05	
27		40	1830	45	
28	1	45	1832	30	
29		20	1832	50	
30	1	40	1834	30	
31	1	15	1835	45	
Apr 8	1	15	1837	00	
10	1	00	1838	50	
15		15	1838	15	
MAY 6		25	1838	40	
7	1	10	1839	50	
8		23	1840	13	
15	1	02	1841	15	
19		50	1842	05	
30		45	1842	50	
June 3		30	1843	26	
5		53	1844	13	
11		37	1844	50	
June 15			1844	50	oil changed shell 15W50 oil temp bulb changed Batteries charged checked Tire pressures A/C check over.
					CARRIED FORWARD

ENGINEERING RECORD

[illegible]

9

99

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1768	10	
AUG 1/87		55	1769	05	
2	1	25	1770	30	
3		50	1771	20	
4	6	25	1777	45	
8		30	1778	15	
9	2	00	1780	15	
10	7	30	1787	45	
22	1	35	1789	20	
24	1	50	1791	10	
26		15	1791	25	
Sept 4/87		54	1792	19	
5		18	1792	37	
6		54	1793	31	
Sept 14/87	-		1793	31	
100 hr inspection carried out on elevator rudder & gear push rods. throttle gear warning switch. Corrosion on upper wing skins treated. Corrosion removed from fuselage. rusted screws on wings replaced. penny washer installed on prop control. replaced #1,2+4 cyl rocker cover. #2+4 cyl exhaust gaskets replaced. all drained. tube clamps tightened. nose gear removed all seized. Fuel flow transducer removed fitting. pan bolts tightened. front case bolts tightened. Right cowling flap hinges rebuilt. I have conducted an inspection for compliance to the type of the flight & engine controls that were affected by the work accomplished. ELEVATOR Rudder Prop. 1993 31					
CARRIED FORWARD					

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
per Mooney Aircraft Corp snap lock. decontaminated (blast) & refinished & reinstalled & secured with 10543 structure & protect & treated with K-F-50 at gas.			
#3 cyl inner clamp replaced & bolts front oil joints tightened & rushed when sec. resealed & transducer reinstalled			
I have conducted an inspection for compliance to the type of the flight & engine controls that were affected by the work accomplished. ELEVATOR, Rudder & Prop.		I certify that all applicable requirements stated in the manual have been met & the aircraft is determined to be airworthy. Alex Sage VRH623 Sept 14/87	
Alex Sage VRH623 Sept 14/87			
END			

AIR TIME AND

ENGINEERING RECORD

6

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
April 14/86			1610	5	Left Fuel tank Forward Inboard Bay
6		15			
FEB 8		31			
FEB - 9 1987	79	00	1689	50	C of A Renewed & 100 hour inspection completed - oil + Filter changed 15/50 - gear sweng - AD's checked - new starter installed - new interior installed - Pilot's seat repaired - compass sweng
FEB 10		30	1694	07	
14		07	1694	14	
15	4	53	1695	07	
24		56	1696	03	
27	1	33	1697	56	
28	1	33	1699	29	
MAR 1		47	1700	16	
6	1	20	1701	36	
7	3	32	1703	08	
8	1	35	1706	43	
28	1	18	1708	01	
29		40	1708	41	
April 2/87			1708	41	
4		15	1708	56	
5		55	1709	51	
9	1	00	1710	51	
10	1	00	1711	51	
11		25	1712	16	
17	2	00	1714	16	
18	6	45	1721	01	
CARRIED FORWARD					

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

"I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service."

Signature of AME *Mr. An*

Licence No: *VZM152446* Date *April 14/86*

FOR	STEER
N	001
30	27
60	58
E	90
120	121
150	151
S	180
210	210
240	241
W	275
300	300
330	330

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the aircraft is determined to be airworthy.

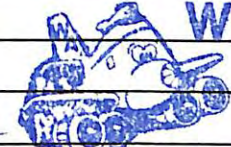
Signature of A.M.E. *[Signature]*

Licence No. *XDM-085943* Date *FEB - 9 1987*

WESTERN AVTECH

SERVICES

R.R.1, Boundary Bay Airport
Delta, B.C. V4K 3N2
(604) 946-9911



ENGINE GROUND RUN.
OVERHAULED & REINSTALLED

APC RETURNED TO SERVICE

TRANSFERRED FROM
JOURNEY LOG. *NAS*

AIR TIME AND

ENGINEERING RECORD

5

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE																												
	HRS.	MIN.	HRS.	MIN.																													
BROUGHT FORWARD																																	
May 26/85					Install New EGT Probe, New STBD Inner Gear Door																												
Nov 8/85			1590.1		100 hr & CCI completed																												
					<table border="1"> <tr> <td>For</td> <td>N</td> <td>30</td> <td>60</td> <td>E</td> <td>120</td> <td>150</td> </tr> <tr> <td>Steer</td> <td>000</td> <td>81</td> <td>61</td> <td>93</td> <td>121</td> <td>151</td> </tr> <tr> <td>For</td> <td>S</td> <td>210</td> <td>240</td> <td>W</td> <td>300</td> <td>330</td> </tr> <tr> <td>Steer</td> <td>179</td> <td>209</td> <td>241</td> <td>273</td> <td>304</td> <td>331</td> </tr> </table>	For	N	30	60	E	120	150	Steer	000	81	61	93	121	151	For	S	210	240	W	300	330	Steer	179	209	241	273	304	331
For	N	30	60	E	120	150																											
Steer	000	81	61	93	121	151																											
For	S	210	240	W	300	330																											
Steer	179	209	241	273	304	331																											
					Licence No. Y2M150440 Date Nov 15/85																												
Nov Jan 30/86			1590.3		Fuel Injector Unit Repaired aircraft serviceable																												
Jan 30/86					Fuel injector unit repair																												
Mar 6/86					AD 85-24.03 Complied with																												
					CARRIED FORWARD																												

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
New Chrome Brake Disc & Pads		
"I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service."		
Signature of AME <i>M. A. J.</i>		
Licence No. Y2M150440 Date May 26/85		
I CERTIFY THAT THE CONDITION AND CONFORMITY INSPECTION HAS BEEN COMPLETED ON THIS AIRCRAFT AND THE AIRCRAFT WAS DETERMINED TO BE AIRWORTHY.		
Signature of A.M.E. <i>M. A. J.</i>		
Licence No. Y2M150440 Date Nov 8/85		
I HEREBY CERTIFY THAT I HAVE FLOWN THIS AIRCRAFT AND ITS PERFORMANCE, FLYING QUALITIES AND FUNCTIONS OF CONTROLS, POWERPLANT AND LANDING GEAR, ETC. WERE EQUIVALENT TO THE STANDARD OF THE TYPE.		
Pilot's Licence No. Y2C289805 Date 9/11/85		
Pilot's Signature <i>[Signature]</i>		
I have conducted an inspection for conformance to the type of the Flight Powerplant controls that were affected by the work accomplished.		
Signature of AME <i>M. A. J.</i>		
Licence No. Y2M150440 Date Jan 30/86		
I have conducted an inspection for conformance to the type of the Flight Powerplant controls that were affected by the work accomplished.		
Signature of AME <i>M. A. J.</i>		
Licence No. Y2M150440 Date Jan 30/86		
"I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service."		
Signature of AME <i>M. A. J.</i>		
Licence No. Y2M150440 Date Mar 6/86		
"I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service."		
Signature of AME <i>M. A. J.</i>		
Licence No. Y2M150440 Date Mar 6/86		

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
OCT 15/84	.3		1467	.0	
" 18	1.0		1467	.3	
" 18	1.5		1468	.3	
" 18	1.6		1469	.8	
" 23	.3		1471	.4	
" 23	.3		1471	.7	
" 23	1.0		1472	.7	
" 25	.3		1473	.0	
" 23	.8		1473	.8	
NOV 10	3.3		1477	.1	
" 10	3.2		1480	.3	
" 11	1.0		1481	.3	
" 12	3.1		1484	.4	
" 14	4.3		1488	.7	
" 15	3.4		1492	.1	
I hereby certify I have completed the nearest equivalent to a 100-hour periodic inspection of the AIRCRAFT described herein, as per maintenance manual and E & S requirements.					I CERTIFY THAT THE CONDITION AND CONFORMITY INSPECTION HAS BEEN COMPLETED ON THIS AIRCRAFT AND THE AIRCRAFT WAS DETERMINED TO BE AIRWORTHY.
Date DEC 8/84 Signature [Signature] Lic. No. VRM 239748					Signature of A.M.E. [Signature] License No. VRM 239748 Date DEC 8/84
DEC 18 th /84					ALTIMETER REMOVED FOR CERTIFICATION
					RE INSTALLED ALTIMETER AFTER CERTIFICATION
					I CERTIFY THAT THE STATIC PRESSURE SYSTEM HAS
					Installed TANIS Model 100-03 Preheat unit
					</

ENGINEERING RECORD

[illegible]

AIR TIME AND

ENGINEERING RECORD

3

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
June 12, 84			1442		Work completed as per attached I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service. J. L. H. 7200-1288
June 12, 84			1442.1		
June 15, 84			1442.1		Broke fuel pump removed Welded fuel pump assembly
Oct 10 1984			1470.0		Compass Swing Carried out new correction card installed in aircraft
Oct 29/84			1462.0		Time converted to Date CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
I have conducted an inspection for conformance to the Type of the Flight/Powerplant Controls that were affected by the work accomplished.	J. L. H.	72M-139044
I have conducted an inspection for conformance to the Type of the Flight/Powerplant Controls that were affected by the work accomplished.	J. L. H.	7211-1288
I hereby certify I have flown this aircraft and its performance, flying qualities, functions of controls, powerplant and landing gear, etc., were equivalent to the standard of the type.		
I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the aircraft is determined to be airworthy.	J. L. H.	72M-1288
Signature of AME.....	J. L. H.	June 15, 84
Licence No. 72M-1288		
I certify that all applicable Airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service.		
Date.....		
Signed.....	J. L. H.	72M-250091
	John Key	VRM25974K

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1311	3	
JAN 27/83					Undercarriage re signed as per manual - auto pilot repaired by Amos shop
18/7/83	82	9	1394	2	oil changed OIL FILTER CHANGED ADDITIVE ADDED TO BOTTOM SPARK
6/11/83	37	9	1432	1	I certify that I have flown this aircraft and its performance, flying qualities, functions of controls, power plant, and landing gear etc. were equivalent to the standard of the type. Date 6/11/83 Pilot YZC 289805 Lic. No. [Signature] OTTAWA FLYING CLUB INC
7-11-83			1432.1		INSTALLATION OF SHOULDER FUEL BOOSTER PUMP
11/11/83					
13/11/83			1435.6		
17			1437.1		
20			1438.8		
12 12 83			1439.8		
18/12/84			1440.8		
18/12/84			1441.3		
					CARRIED FORWARD

ENGINEERING RECORD

2

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
I certify that I have inspected this aircraft in compliance with the condition and conformity inspection procedure prescribed in The Engineering and Inspection Manual and the aircraft is airworthy. Date 6/11/83 Engineer [Signature] Lic. No. YZC 289805 OTTAWA FLYING CLUB INC		[Signature]	3
I hereby certify I have completed the nearest equivalent to a 100% periodic inspection of the aircraft described herein and it is airworthy. Date 6/11/83 Engineer [Signature] Lic. No. YZC 289805 OTTAWA FLYING CLUB INC		[Signature]	3
I certify I have inspected this aircraft in compliance with the condition and conformity inspection procedure prescribed in The Engineering and Inspection Manual and the aircraft is airworthy. Date 6/11/83 Engineer [Signature] Lic. No. YZC 289805 OTTAWA FLYING CLUB INC		[Signature]	3
HARNESSES TO MOONEY DRA 95011 REV K REPLACED SPR NO 2442		[Signature]	3

AIR TIME AND

[illegible]

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
<p>AMERICAN LOG BOOK'S</p> <p>100 HOUR INSPECTION CARRIED OUT AS PER MAN. SERVICE MANUAL.</p> <p>CANADIAN REGISTRATION PAINTED ON A/C.</p> <p>ALL A.W.D'S CARRIED OUT.</p> <p>STAINLESS STEEL IDENTIFICATION PLATE INSTALLED.</p> <p>NO 1-2-3 PUSH ROD SEALS REPLACED.</p> <p>EXHAUST STACK HOLD DOWN STRAP REPLACED.</p> <p>PROPELLER OVERHAULED & RE-INSTALLED.</p> <p>ACRODUCING REPLACED.</p> <p>A/C DOWN LITE CHECKED SERVICEABLE.</p> <p>DEFT & LHT INSTALLED.</p> <p>MAGNETO REPLACED.</p> <p>MUFFLER REPLACED.</p> <p>ROCKER COVER GASKETS REPLACED.</p> <p>NEW STEERING LINKAGE INSTALLED IN NOSE GEAR.</p> <p>BOTTOM SPARK PLUGS REPLACED.</p> <p>PAINT ON BOTTOM SIDE OF FUSELAGE REPAIRED.</p> <p>AIR FILTER REPLACED.</p> <p>FIRE EXTINGUISHER INSTALLED.</p> <p>FIRST AID KIT INSTALLED.</p> <p>LUBRICATION CARRIED OUT.</p> <p>OIL & FUEL LINES REPLACED.</p>	<p>M. Chini 7210410</p> <p>M. Chini 7210410</p>	<p></p> <p></p>
<p>I hereby certify I have completed the nearest equivalent to a 100 hr. periodic inspection of the aircraft des- cribed herein and it is airworthy.</p> <p>Compass swing carried out.</p> <p>Landing gear adjustment & upper limit switch</p>	<p>M. Chini 7210410</p> <p>M. Chini 7210410</p>	<p></p> <p></p>

AIRCRAFT

1. Nationality and Registration CANADIAN C.G.GBY
2. Manufacturer's Designation M 20J
3. Type Approval or
Specification Number 2.A.3
4. Manufacturer's Serial Number 24-0034
5. Date of Manufacture 1976