

AIRCRAFT LOG

MOONEY AIRCRAFT, INC.

AIRCRAFT DESCRIPTION

Manufacturer MOONEY Place _____ Date 10-2-64

License No. N-7872V Type M-20-C Serial No. 2835

Description

Reconstructed By _____ Place _____ Date _____

Seating Capacity (Crew Included) _____ Weight Empty _____ Weight Loaded _____

Wing Area _____ Sq. Ft. Control Area _____ Sq. Ft. Span _____ Length _____

Tires Main _____ Tire Tail _____ Brakes _____

Owner _____ Address _____

City _____ State _____

REMARKS

DATE

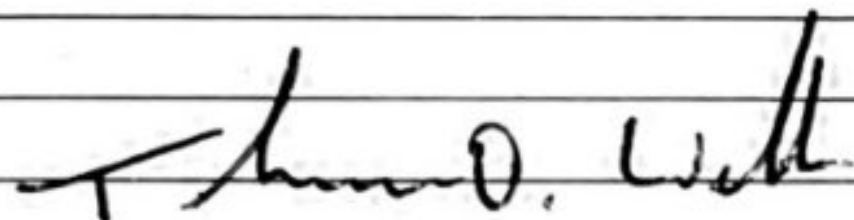
64

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

CERTIFICATE OF AIRWORTHINESS
FORM 1362B ISSUED THIS DATE

10-7

10-7-64



Thomas D. Webb DMIR 2091

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Oct 20 - 1964 Time on tach 2:27 hrs
Replaced nose gear retraction tubes with
P/N 5600 44 - Milton Jacoby
AEP 461283
Mooney o/c Jrc.

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

~~FEB 17~~, 1965 Inflight OOR accuracy checked as per
FOR - 91.

Richard J. Jarvis CH-1367989

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

12-3-66

Total time 307 Time last 12 mo. 115 HRS

I certify that this aircraft has been inspected in accordance with a 100 hr. inspection and was found to be airworthy.

Date

12-3-66

Total Time 307

Time last 115

James W Chapman

I certify that this Aircraft has been

inspected in accordance with a ANNUAL

inspection and was determined to

be in airworthy condition.

William D. Stewart

William D. Stewart

A & P 1518044

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Date *01-16-68* Total Time *416.5* Time last 12 Mo. *109.5*

I certify that this *Aircraft* has been
inspected in accordance with a *Annual*
inspection and was determined to
be in Airworthy condition.

William D. Stewart

William D. Stewart

A & P 1518044

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

3-6-68 Total time 530.6 Hrs Last 12 mo. 114.1 hr.

I certify that this aircraft has been inspected
in accordance with a 100 hr. inspection
and was found to be in an airworthy
condition

Date 3-9-69 Total Time 530 Time last 12 Mo. ¹¹⁴ James H. Croguon

I certify that this Aircraft has been A & P 1658645

inspected in accordance with a Annual
inspection and was determined to
be in Airworthy condition.

William D. Stewart

William D. Stewart

A & P 1518044

FLIGHT LOG

NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENS NUMBER
		Up	Down	Hours	Min.				
							AIRFRAME — Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure, Checked cockpit belts, lights and instrument operation. <i>REMOVE ART HORIZ FOR SERVICE</i> Date <i>4-4-70</i> Total Aircraft Time <i>621.0</i> I certify this aircraft has been inspected in accordance with a <i>Annual</i> inspection and was determined to be in airworthy condition. Signature <i>Frank L. Brousseau</i> A&P No. <i>4252157A</i>		
<i>6-29-70</i>							<i>Install art gyro horizon</i>	<i>Frank L Brousseau</i>	<i>APR 425215</i>
TOTALS FORWARD									
TOTALS TO DATE									

CALL

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AIRFRAME — Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date 5-15-71 Total Aircraft Time 670:00 I certify this
Aircraft has been inspected in accordance with a Annual
 inspection and was determined to be in airworthy condition.

Signature Frank Hoover A&P No. 4252157A

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.									
	Date <u>6-2-72</u> Total Aircraft Time <u>761.0</u> I certify this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.									
	Signature <u>Frank J. Brasant</u> A&P No. <u>425215IA</u>									
TOTALS FORWARD										
TOTALS TO DATE										

INSPECTION — MA

6-2-72 - Installed

761 SW 2614 -

FJB

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
9-20-72 -	Installed Lumex Strobe 30-0437-100
TAC 766.	SN 2614 - FAA 337 Prepared
	Frank L. Baseman AWP425215IA

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS
			Up	Down	Hours	Min.		
								AIRFRAME — Jacked aircraft, removed wheels, gear, checked
								Checked electrical as needed.
								Checked cockpit belts, lights and instrument operation
<i>ELT Bat. installed - install new Bolt Pac</i>								
Date: <i>6-30-73</i> Total Aircraft Time: <i>20.2</i>								
Aircraft has been inspected in accordance with a C inspection and was determined to be in airworthy condition.								
Signature: <i>Frank L. Prosenko</i> A&P No. <i>4404</i>								
<i>Good through June 1974</i>								
TOTALS FORWARD								
TOTALS TO DATE								

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

72-12-2 PW by
Installing - 13 links

AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oil as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date... 9-20-74... Total Aircraft Time... 849... I certify this aircraft... has been inspected in accordance with a Periodic... inspection and was determined to be in airworthy condition.

Signature... Frank F. Br...... A&P No. 4252155A

REMARKS

929

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AD Compliance

67-236 PCW

73-21-1 - PCW

75-4-9 - NA

75-9-8 - PCW by Insp. Due 1029

76-10-5 - NA-SN

AIRFRAME -- Jacked aircraft, removed wheels, inspected engines and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date...12-18-76... Total Aircraft Time...929.0... I certify this Aircraft...has been inspected in accordance with a Annual... inspection and was determined to be in airworthy condition.

Signature...Frank J. Bressan... A&P No. 4252157A

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AIRFRAME — Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension, Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date 3-23-78 Total Aircraft Time 969 I certify this
Aircraft has been inspected in accordance with 135.411
 inspection and was determined to be in airworthy condition.

Signature [Handwritten Signature] A&P No. 425215 IA

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

25 Jun 1979 Tach Reads 1011 Hours
 Replace Artificial Horizon and Directional
 gyro with overhauled units, Replaced Step
 Seal

THE AIRCRAFT AND/OR COMPONENT
 IDENTIFIED ABOVE WAS REPAIRED AND
 INSPECTED IN ACCORDANCE WITH
 CURRENT REGULATION OF THE FEDERAL
 AVIATION ADMINISTRATION AND IS
 APPROVED FOR RETURN TO SERVICE.
 PERTINENT DETAILS OF THE REPAIR
 ARE ON FILE AT THIS REPAIR STATION

UNDER ORDER # 24663 DATE 6-25-79

SIGNED Ken Mills # AP1535316

FOR WILLMAR AIR SERVICE INC.

CRS #3407

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Jack 1075. man
 3-6-81 - Remove wheel & tires Install 2 New 600x6.6P.
 Goodyear Part man W. Brown
 Frank J. Braesamle A&P 425215
 7-4-81 Install new ELT Battery Install new battery
 May 1984
 Frank J. Braesamle 425215 IA

AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Dets. 5-19-82.... Total Aircraft Time. 1117.... I certify this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Signature Frank J. Braesamle A&P No. 425215 FA

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AIRFRAME — jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension, Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date 8-9-84 Total Aircraft Time. 11603 I certify this

Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Signature Frank R. Brown A&P No. 4252157A

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

AIRFRAME — Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date *10-9-56*..... Total Aircraft Time *1206*..... I certify this *Aircraft*... has been inspected in accordance with a *General*... inspection and was determined to be in airworthy condition

Signature *Wash. L. Brown*.... A&P No. *4252152A*

FLIGHT LOG

Installed DMC63-1/A Com ant for handheld radio. Also installed King KT76A sn50640 transponder. All work done per mfg instructions and AC43.13-2A as applicable. Performed transponder test required by FAR91.172 and found to comply with FAR43 appendix F.

The airframe, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair/alteration are on file at this repair station under work order 9691.

TT 1213 Date Apr 16, 87 Signature [Signature]

WAY-POINT AVIONICS, INC. - CRS #D04-14

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

July 24, 1987 Recording Meter of 1226 hrs.
Replace original Koringer with unit RCA 227
Unit Serial 870322 on installed vacuum pump
No appreciable weight change @ 39 g
F-J-1/188

1275.5

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

ELT Bott Due 11-89

AIRFRAME — Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date... *12-1-88* ... Total Aircraft Time *1273.3* ... I certify this aircraft... has been inspected in accordance with a *Annual* inspection and was determined to be in airworthy condition.

Signature... *Frank S. [unclear]* ... A&P No. *425215 JA*

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1989 - 12 - 6 Tach 1303. Total Time

Install New Edge lite - New Air filter
Install New EGT Bolt Due Dec 1991

All electrical systems checked, removed wheels, greased bearings and
 gear, checked brakes, checked retraction and emergency extension.
 Checked electrical system and battery, checked all controls and oil
 as needed. Removed all inspection plates and checked structure.
 Checked cockpit belts, lights and instrument operation.

Date 12-6-89 Total Aircraft Time 1303. I certify this

Aircraft has been inspected in accordance with a Annual
 inspection and was determined to be in airworthy condition.

Signature: *Jack H. Buesant* A.S.P. No. 425215TH

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
Nov 27	Installed Loren Receiver in accordance with Current Regulations of the FAA and is approved for Return to service ALSO INSTALLED Sistrionics intercom Loren model Apollo 800 Ser No. 75278 Intercom Sistrionics SP-400 Ser No 6029944 Pertinant details of this installation are on file at this facility under work order 9033001 Duil D. Seton									
TOTALS FORWARD										
TOTALS TO DATE										

CRS FQYR769K

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
1-18-91	Tach 1358.3
	<p>Remove Muffler for OH & Reinstall Remove prop for OH & Reinstall</p> <p>Oil filter - drained, oil changed & added. checked & cleaned spark plugs, checked compression, checked fuel system, drained engine, checked starter and generator brushes, checked mags and timing properly, checked prop for lease and grease. functionally checked engine</p> <p>AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.</p>
	<p>Date: 1-18-91 Total Aircraft Time: 1358.3</p> <p>Aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.</p> <p>Signature: <u>Mark L. [unclear]</u> A&P No. <u>425215 IA</u></p>

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

End of Log Book

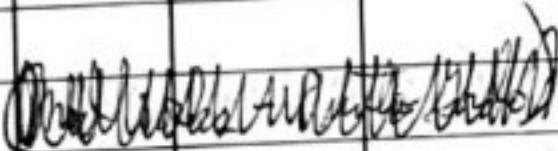
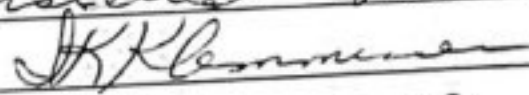
#1

DATE 1991	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
OCT 8,	1991	1537.2	TACH.	<p>INSTALLED NOSE GEAR TRUSS REPLACEMENT BUSHING WITH APPROVED PARTS IN ACCORDANCE WITH STC SA3540NM AND INSTRUCTIONS PROVIDED ON LAKE AERO STYLING & REPAIR REPORT No. 122A. SEE FORM 337.</p> <p style="text-align: right;">Orin Zack AWP508641186</p>
4/1/92	1583.65	Tach	T, 225.	<p>35 SPOH C/w AD 76-07-12 by testing ignition switch. C/w AD 73-21-01 as follows: par (a) lubed all rod ends for flight control & landing gear systems using silicone spray (b) confirmed grease zerks were installed on gear retract links (c) checked gear rigging IAW S.B. M20-35A - mains fell within limits - Removed one spacer washer from fwd. joint of nose gear lower torque link to allow nose gear to lock freely adjusted nose gear retract rods to within limits in S.B. C/w AD 75-09-08 by inspecting engine mount for cracks. C/w AD 77-17-04 by inspecting aft 2" of both control</p>

(continued)

DATE 19 ⁴²	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/1	1583-65	TT (cont.)		wheel shaft visually and using dye-penetrant. Jacked air craft, Replaced nose wheel bearing races. Cleaned & packed wheel bearings. Replaced all tires with retreads. See yellow tags, attached, for details. Replaced nose wheel inner tube with 5.00-5, type III tube. Replaced LH main tube with new 6.00-6, type III tube. Removed corrosion from nose wheel bolts, inspected for pitting, zinc-chromated bolts, & greased bolts on reinstallation. Replaced gear unlocked light bulb. Landing gear retraction checked OK. Cleaned corrosion from battery box, & repainted with acid proof paint. Serviced & charged battery. Stop drilled small crack in fire wall originating at lower RH corner of battery box cut-out, & sealed crack. Replaced LH outboard brake lining. Replaced broken rivet in bottom of RH wing on rib just inboard of fuel tank with a cherry-max rivet. Function-tested ELT and replaced battery. New battery replacement due 3/94. Replaced hose to positive control system air filter.
				(cont.)

DATE 19 <u>72</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/1	1583-65	(cont.)	Dressed	<p>nicks in prop-blades, checked torque on prop-bolts to resafety-wired propeller. Stop-drilled small crack in prop-spinner attached warning-horn to Aircraft tubular frame under panel. Replaced vacuum relief filter. Replaced one O-rings in RH brake cylinder master cylinder, and bled brakes. Resealed flap actuator cylinder. Replaced flap actuator pump with used serviceable unit to bleed system. Serviced hydraulic fluid. Flaps ops OK. Cleaned ground connections for fwd. instrument panel flood light. Replaced upper LH engine shockmount pads. Removed dead mice nests from several locations in aircraft. Cleaned minor corrosion to zinc-chromated areas as needed. Replaced several missing screws from fairings as needed. Replaced inboard exhaust pipe support springs. Reinstalled knob for overhead air vent. Replaced No Step placards. Replaced flap indicator cable. Repaired tail trim indicator cable by splicing cable at fwd. end, and reattaching to trim stop-block. Repaired damage to RH</p>
				(cont.)

DATE 19 <u>42</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/1	1583.65	TT (cont.)		elevator top and bottom skins by riveting flush patches made from .020" 2024-T3 aluminum, using approximate rivet spacing of surrounding structure. largest dimension of patch is 4 1/4" - minor repair. Painted patch, and checked elevator balance - OK. Aircraft ground ops ✓ OK - I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.
				 Mark Melman ACP 501904860 IA
April 3 '92	Tach time	1556	battery	installed new A35  AP 2200748

DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/25/92	1607.39 Hr	9 Hr	ACT. 1607.39 Hr.	<p>Removed from Aircraft the Aero Mark 12 SN 28FQ5 Com/Nav Transceiver & Aero T-12-MP-12 SN 28D06 Power-audio unit. Installed in aircraft the Bendix/King Silver Crown Avionic Consisting of KMA-24 P/N 066-1055-02 SN 35401 Marker Audio Panel, KX-155 P/N 069-1024-31 SN 16206 Com/Nav/PLS. Transceiver, KX-175B P/N 069-1019-00 SN 14063 Com/Nav Transceiver, KI-209 P/N 066-3056-01 SN 58468 the PLS Converter Indicator, KI-208 P/N 066-3056-00 SN 58651 VOR/LOC Converter Indica tor Comant CI 102 Marker Beacon Antenna, Coman CI-121 Com Antenna — Continue next page</p>

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-25	ACT 1607.39 Hr.			<p>CI-505 Nav/Com Antenna Splitter, Troll Industries FN200 Equipment Pan, avionics master switch/circuit breaker PN 7270-5-35. See FAA Form 337 and Supplement 2 Weight and Balance data and equipment list dated this date.</p>
				<p style="text-align: center;">PREMIER AIR CENTER, INC.</p>
				<p style="text-align: center;">APPROVED FAA REPAIR STATION NO. PAZRO68H</p>
				<p style="text-align: center;">18 Terminal Drive East Alton, IL 62024</p>
				<p style="text-align: center;"><i>[Signature]</i> Alternate Inspector</p>

S
D
re
at
in
el
s
fir
all
st
ec
TP
n

DATE 1972	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/25	1607.39 hr	ACTT.	1607.39 hr.	<p>Removed Garwin Turn & Bank S/N 6022 Installed NEW E.G.C Turn Coord S/N 9205-87 P/N 1394 T100-72 - Removed P/N 22-377-02A Att. meter S/N 6066 - Installed OVH-exch P/N 5934P- A56 Att. meter S/N G0768 00611 02A file - Reference Mid Continent w/o 87828 - Removed & Reinstalled D120-P2-T Blind Enc. S/N 69482 - Repair on file Reference Premier Air w/o 85277A. Leak Checked per APPROVED REPAIR STATION NO. PAZ068H 18 Terminal Drive W/O 85227A East Alton, IL 62024</p>

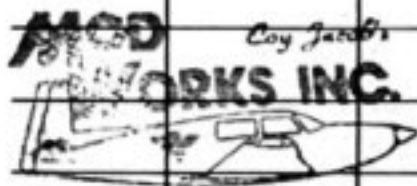
Barry Beaudes Alternate Inspector

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1992 6/25	1607	39 hr	A.C.T.F. 1607.39hr	
<p>I certify that the Altimeter Static Pressure System & Altitude Reporting System tests required by FAR Part 91.411 have been performed and found to comply with Appendices E & F of Part 43.</p>				: 2
LEFT		RIGHT		Transponder has been tested and inspected according to
S/N	G 0768	S/N	N/A	FAR Part 43 and found to comply with Appendix F of Part 43 KT-78
Altimeter was checked to 200 feet.		Altimeter was checked to N/A feet		S/N #1 33065 S/N #2 N/A Date 6-25-92
Date	6-25-92		W/O No. 85227A	Signature <u>Bucky Brandon</u>
Signature	<u>Bucky Brandon act Insp</u>			PREMIER AIR CENTER, INC
Approved FAA Repair Station No. PAZRO68H				Approved FAA Repair Station No. PAZRO68H
18 Terminal Drive				18 Terminal Drive
East Alton, IL 62024				East Alton, IL 62024

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Sept	30-92	92	tack	1696.98 installed new Hoop. 23-501-06-14 T510375 JK Klemm AP2200748
Dec	10-92		tack time	1707 installed STC 7522SW Flaps, aileron, Rudder seats kit see FAA Form 337 installed STC SE 1779NM & SA 2168NM Precise Stomach by Vacuum system see FAA Forms 337 installed STC SA 4553NM cowling closure fairing kit 131 installed STC SA 4443NM gap seal & speed Fairing Kit 105 & 104 over

s Di
 rep
 ed v
 in a
 cate
 ed
 el
 n sy
 ure
 all
 p
 ed
 sta
 p
 pu
 n

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				see FAA Form 337
				J. H. Klemmner
				AP 2200748
5/10/93	1754.78			C/W 100 Hk. inspection - to the A.W. MOONEY service manual. Check list. Replaced Brake pads Replaced all shock mounts, Replaced Fuel Ca ORings Replaced vac. pump filter & INster mount Filters Replaced NOSE gear TRUSS checked preload on gear within limits Replaced Engine mount, & LORD MOUNTS Serviced BAH & Hyd. lubed Landing gear Replaced wheel Bearing



Mitch Blake
AP 266217228

DATE 1993	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
05-16-03	1754.78		1754.78	<p>ALL A.V.'s check for compliance thru Rev 93.07</p> <p>AS of this date I HAVE completed inspecting this aircraft in accordance with an annual Insp. in accordance with manny service manual and as of this date is approved for return to service</p> <p style="text-align: right;">M. L. [Signature]</p> <p style="text-align: right;">JA132500692</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July	1-94	touch	h time	<p>1797 ok elect system, ok serviced battery, cleaned & greased wheel bearings, ok landing gear system ok & lub all controls</p> <p>July 1-94 TOTAL TIME 1797 I CERTIFY THAT THIS <u>aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p><u>H. Klemmer</u> IA2760748</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
June 2-95	2-95		turb time 1797	installs new panel down valve CW SB m20-18872
				JK Klemmer AP 2200748
Sept 2-95	2-95	turb time	1799	ck elect system, ck serviced battery ck landing gear system ck sub all control & hinge points Sept 2-95
				TOTAL TIME 1799 THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				JK Klemmer AP 2200748

SS

Dir
repor
d w
ate
in a
e da
el a
sy:
ire
alle
sta
ed
po
pur
po

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Oct	9-96	tech time	1900	C/w ^{M20} SB 217 on new wing spar check by inspection AP2200748 AP2200748
DEL. 15, 1995	TACH 1805.63			INSTALLED ALCOR EGT SYSTEM IN ACCORDANCE WITH STC SA522SW. 337 FILED THIS DATE. INSTALLED INSTRUMENT GAUGE CLUSTER AFTER OVERHAUL BY A/C INSTRUMENT SUPPORT SERVICE (TAG ATTACHED) REPLACED LANDING LIGHT SWITCH. REPLACED SEALS FOR R.H. BRAKE MASTER CYL; REINSTALLED + BLEED. ALL SYSTEMS OPS CHECK OK. Sandy Staszak A.P. 319600134

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
MAY 4, 1996	TACH	1840.75	TT	INSTALLED ENGINE AFTER OVERHAUL. INSTALLED BRACKETT AIR FILTER ASSY #BALD10 IN ACCORDANCE WITH STC SA716L, 337 FILED THIS DATE. GENERATOR + PROP GOVERNOR INSTALLED AFTER OVERHAUL REPLACED BEARINGS + SHAFT FOR CARB AIR BOX. Sandy Stegzak A+P 319600134
MAY 30, 1996	TACH	1846.5		REMOVED INST. CLUSTER FOR TEST + REINSTALLED. CHECKED CHT + OIL TEMP WIRING + RESISTANCE READINGS. OPS V OK. S Stegzak A+P 319600134

DATE 1996	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JUNE 7, 1996	TACH	1850.70		CHECKED SUCTION GAUGE + ADJUSTED VACUUM REGULATOR. Sandy Stojak AIP 319600134
JULY 10, 1996	TACH	1857.3		REMOVED INSTRUMENT GAUGE CLUSTER FOR WARRANTY REPAIR + REINSTALLED. OPS CHECK OK. Sandy Stojak AIP 319600134
NOV 2, 1996	TACH	1893.0 TT		COMPLETED ANNUAL INSPECTION. REMOVED ALL PLATES + PANELS, CLEANED, INSPECTED + LUBED. SPOT TREATED WITH ACF-50. FABRICATED + INSTALLED NEW FLEX HOSES AT BRAKES, REPLACED ALL LININGS.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1996 (cont)				<p>CLEANED & PACKED ALL WHEEL BEARINGS. REPLACED FOUR AFT ROD ENDS FOR RUDDER CONTROL. REPLACED RHEDSTAT FOR PANEL LIGHTS. REPLACED FUEL CAP SEALS. CHECKED ELT & INSTALLED NEW BATTERY - DUE 11-98. LUBED GEAR & ADJUSTED PRELOAD 11A/W AD 73-21-01; DUE AGAIN AT 1993TT OR 11-97. INSTALLED L.H. SHOULDER HARNESS AFTER RE-WEIB BY SAFETY, LTD. INSTALLED NEW AIRTEX CARPET. REMOVED ALL INTERIOR PANELS FOR INSPECTION OF FUSELAGE TUBING - CHECKS OK. SMALL AREA OF CORROSION (APPROX 5") LOCATED ON LOWER SPAR CAP DOUBLER ADJACENT TO R.H. FUEL TANK AND ON TANK END RIB. DRAINED R.H.</p> <p style="text-align: right;">(cont...)</p>

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				FUEL TANK. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPELTED IN ACCORDPANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE UNAIRWORTHY DUE TO THE CORROSION PREVIOUSLY DESCRIBED. Sandy Stajzak A+P319600134TA
	NOV 3, 1996 TACH 1893.0 TT			I HAVE INSPELTED THIS AIRCRAFT AND FOUND IT SAFE FOR A FLIGHT FROM CASEY IL TO KERRVILLE TX. Sandy Stajzak A+P319600134

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Nov 3, 1996		corrosion	on lower spar cap doubler (main spar)	right rear of cockpit appears to originate from mouse urine. Inspection of wing compartments aft of spar revealed mouse nests and dried carcass of mouse. <i>J. J. Brown</i> (compartments outboard of wing tank), owner N 7872V.
12-17-96	1901.3	—		INSTALLED NEW R.H. lower spar cap P/N 210002-8 and doubler P/N 210004-8. Replaced right inboard fuel tank rib P/N 210026-502 and cap 210026-72, see 337 This date. Removed all fuel tank sealer from right fuel tank. Resealed right fuel tank with CS3204-H2. Red coated sealer with PR1005-L. closed wing walk plate with CS3204-B2.

CONTINUED →

BUSBY Aircraft Serv. Co., Inc.
 P. O. BOX 931 PHONE 257-7230
 KERRVILLE MUNICIPAL AIRPORT
 KERRVILLE, TEXAS 78028

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<i>Continued →</i>				<i>Closed other right Fuel tank plates with C# 3300-32.</i>
Dugosh Aircraft Serv. Co., Inc. P.O. BOX 931 PHONE 257-7290 KERRVILLE MUNICIPAL AIRPORT KERRVILLE TEXAS 78028				<i>Replaced right Fuel pickup screen in fuel tank and checked for leaks. C/w A.D 85-24-03 part A+B per Mooney S.B. m20-229, change fuel cap O-rings and M20-230, open all drain holes in ribs on right Fuel tank. C/w Mooney S.B. M20-217, Rear spar Center splice Insp. Rig Flight controls and test flown aircraft.</i> <i>Larry J. Jenachke AIP 461250405</i>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	T S
19__			

01-06-97 N-7872V Mooney M20C S/N 2835 Tach:1910.33

I certify that the primary altimeter has been tested in accordance with FAR 43, appendix E, paragraph (b) to an altitude of 20,000 feet MSL Altimeter MAKE - United Inst., P/N 5934P-A52, S/N 60768.

The Altitude Reporting System has been inspected and tested to an altitude of ~~10~~ 10,000 feet MSL in accordance with FAR 43, Appendix E, paragraph (c). Encoder Make - T.C.I., Model - D120-P2-T, S/N 31611.

The system has been tested at required tested points for correlation between it and the transponder.

The ATC transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. ATC transponder, Make - King, Model - KT-78, S/N 33065.

The aircraft static pressure system has been inspected and tested in accordance with FAR 43, Appendix E, paragraph (a) to an altitude of 2,000 feet MSL.

Altimeter, Altitude Reporting, and Static system meet FAR 91.411.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.



SIGNED [Signature]
 BLOOMINGTON AVIONICS, INC.
 BLOOMINGTON, ILLINOIS 61704

W.O.# 8538 DATE 1/6/87

BLOOMINGTON-NORMAL AIRPORT
 REPAIR STATION MB5R035N

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
--------------	---------------------------	------------------	-----------------------------

02-19-97 N-7872V Mooney M20C S/N 2835 Tach:1919.67

Removed, tested, reinstalled Bendix/King, Model - KT-76A, S/N 33065. Unit checks good on ground. The ATC transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.



SIGNED *Richard C. Smith*
BLOOMINGTON AVIONICS, INC.
BLOOMINGTON, ILLINOIS 61704

W.O.# 8538 DATE 2/19/97
BLOOMINGTON-NORMAL AIRPORT
REPAIR STATION MB5P035N

CUSTOM PLANES, INC.

Route #4, Box 198 . (1)
Lawrenceville, IL 62439
618-943-3307
800-513-1048

RS AND ALTERATIONS
(INDICATE SERIAL AND CERTIFICATE NUMBER OF
OR OTHER SPECIFIC ENTRIES.)

3 July 97 TACH TIME 2020.39 hrs ON N7872V
Complete STRIP/PAINT Accomplished, Above listed
DATE & TIME. All work done per Industry standards.
After strip & cleansing of the A/c AN epoxy primer
WAS Applied. Color applications ARE AS follows:
Imron white, # NO 225H, Deep Red, # TR10038, Acry
Glo, Silverwoods Blue, # TQ10127, Acry Glo. Jerry
L. Harper A:P 356548390 Jerry L. Harper
/----- END ----- \

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT

Route #4, Box 198 2
Lawrenceville, IL 62439
618-943-3307
800-513-1048

CUSTOM PLANES, INC.

N7872V Date: 7-03-97 Tach: 2020.39
Removed ailerons, flaps, elevators and to facilitate strip and paint. Performed modification to rear seat back IAW Lake Aero styling and Repair instruction. 337 and field approval c/w. Installed LASAR wing root fairings IAW STC # SA4443NM, 337 c/w. Repainted interior plastic, Reupolstered seats and armrests IAW FAR 25.803. Reinstalled flight control surfaces using new hardware, balance unchanged.

M. Craig APL 309887849

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/20				VOR CHECK from MTD 109.4 MC
				Fix 204° radial/22 NM #1 204°
				#2 206°
				Loran 212°/22 NM
				Fix 280° radial/13.2 NM #1 279°
				#2 280°
				Loran 281°/18.1 NM
				Fix 000° radial/19.5 NM #1 000°
				#2 001°
				Loran 006°/25 NM
9/1				VOR Check over Cooper, TX on Paris VOR
				over Newport, AR apt on Walnut Ridge VOR

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Airframe Log Entry N7872V
				Sept 8, 1997 Tach 2059 TT
				Install New Goodyear flight
				Custom II Rtl side,
				Howard Hunt A+P 350568543

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
DEC 29, 1997	TACH 2098.73	TT		INSTALLED BOB FIELDS Aero accessories INFLATABLE DOOR SEAL. 337 FILED THIS DATE. INSTALLED MID-CONTINENT INSTRUMENT RICHTER PROBE IN CARBURETOR. MOUNTED CARBURETOR TEMPERATURE GAUGE TO INSTRUMENT PANEL. CONNECTED GAUGE & PROBE TO AIRCRAFT ELECTRICAL SYSTEM. 337 FILED THIS DATE. Howard Hunt ATP 350568543
DEC 29, 1997	TACH 2098.73	TT		INSPECTED & APPROVED ABOVE INSTALLATIONS. Sandy Street APR 319600341A

DATE 19 ⁹⁸	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JAN. 2, 1998	TACH 2098.73	TT		<p>COMPLETED ANNUAL INSPECTION REMOVED ALL PLATES + PANELS; CLEANED, INSPECTED + LUBED. INSTALLED RAPCO 211CC VACUUM PUMP SER#72590. (TAG ATTACHED) REPLACED VACUUM REG. FILTER. CHECKED TIRES + BRAKES, CLEANED + REPAKED ALL WHEEL BEARINGS INSTALLED NEW NLG STEERING HORN + ROD END BEARINGS. INSTALLED NEW BOLT + OVERSIZE BUSHING FOR NLG TRUSS PIVOT PER PREVIOUS STC INSTALLATION LUBED GEAR + ADJUSTED PRELOAD PER AD 73-21-01; DUE AGAIN AT 2198 OR 1-99. REPLACED BOLTS FOR L.M.G. DOOR. PERFORMED GEAR RETRACTION TEST. REPLACED SEALS FOR FUEL CAPS + STRAINER.</p>

(continued)

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
(cont)				REPLACED BAFFLE SEALS. REPLACED DUCT FOR CARB HEAT. INSTALLED NEW DOOR LOCK. ADS CHECKED THROUGH 97-26. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITIONS. Sandy Stageak A+P 319600134IA
JAN 31, 1998	TACH		2102.37	REPLACED EXHAUST GASKET & SLIP JOINT BOLTS #2 CYL ADJUSTED L.H. AILERON ROD END. Sandy Stageak A+P 319600134
Jan 31, 1998	VOR	Check	280°	radial MTD over bridge So of Sullivan both #1 + #2 within 1° of each other. MBo

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS. ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Feb. 2, 1998	TACH 2104.49 1634 LBS	TACH 2104.49	49.	AIRCRAFT WEIGHED. New Empty weight NEW EWCG 45.18. DATA ENTERED IN AIRCRAFT RECORDS. Adjust L.H. AILERON ROD END. Howard Hunt RP 350568543
Feb 7, 1998		KX 175B		COMM NAV repaired and reinstalled - <i>JMB</i>
4/5/98		VOR	CHECK from MTO	FIN 280°/18.2NM #1 280° #2 279° LORAN 281/18.1NM

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS. ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
AUGUST 25,	1998	TACH	2223.22 TT	C/W WITH S.B. M20-264
				By REPLACING BOTH AILERON CONTROL LINKS WITH LASAR
				KIT PIN M20-264-1. LH CONTROL LINK PIN 730005-1
				RH CONTROL LINK PIN 730006-000. YELLOW TAG ATTACHED.
				THIS PAGE. RE-RIG AILERON CONTROL SYSTEM. PAINT BOTH
				ELEVATOR + RUDDER HORNS. REPLACE RH EXHAUST HANGAR
				SPRING. TEST FLY. ADJUST RH AILERON TO CORRECT LH
				WING HEAVY CONDITION PER MOONEY MAINTENANCE MANUAL.
				Howard Hunt AHP 350568543

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
SEPT 24, 1998	TACH 2246.87.			REPAIR ENGINE BAFFLE. REPAIRED LH COWL DOOR AND REPLACED HARDWARE. REPLACED SCAT HOSE TO CABIN HEAT. TEST COWL DOOR OPERATION, OK Howard Hunt A/P 350568543
OCT. 6, 1998	TACH 2247.48.			REPAIRED R.H FUEL TANK. REPLACED OIL FILTER. REMOVE THERMOSTATIC BYPASS VALVE, CLEAN + TEST OPERATION, OK. Howard Hunt A/P 350568543

PREMIER
Air Center, Inc.

Label Type: Airframe
Reg # : N7872V
Serial # : 2835

Page: 1
WO#: 232267
Date: 01/21/99

18 Terminal Drive
East Alton, IL
618-259-3230
FAA CERTIFIED REPAIR STATION
PAZR068H

TACH TIME 2276.88

Removed the Bendix/King KX 175B Nav/Com P/N 069-1019-00 S/N 14063, the KI 208 Nav Ind. P/N 066-3056-00 S/N 58651, the Apollo 800 Loran P/N 430-6003-006 S/N 75278 and the A16 Loran Antenna P/N 430-0035-00.

Installed the Allied Signal KX 155 Nav/Com P/N 069-01024-0038 S/N 32234, the KI 208 Nav Ind. P/N 066-03056-0000 S/N 68034, the KN 64 DME P/N 066-01088-0000 S/N 30483 and the KA 60 Antenna P/N 071-0174-0000. See revised weight and balance and FAA Form 337 for details.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Date: 1/21/99 Signed:  ALT. INSPE. For CRS PAZR068H

DATE 1999	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
FEB 13, 1999	TACH	2278.24	TT	<p>COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, INSPECTED + LUBED. CHECKED TIRES + BRAKES, CLEANED + REPACKED ALL WHEEL BEARINGS. PERFORMED GEAR RETRACTION. C/W AD 73-21-01 BY CHECKING GEAR PRELOAD + SILICONE LUBE OF ROD ENDS; DUE AGAIN AT 2378 OR 2-00. C/W AD 77-17-04 BY VISUAL + DYE PENETRANT INSPECTION OF CONTROL SHAFTS. DUE AGAIN AT 2778. AD 98-24-11 PCW BY INSTALLATION OF GUSSETTED CONTROL LINKS ON 8-25-98. ADS CHECKED THROUGH 99-03. CHECKED ELT + REPLACED BATTERY, DUE 3-01. REPLACED ALL FUEL CAP SEALS. REPLACED VACUUM REG. FILTER. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE</p>

(cont)

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<i>(continued) WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stogak A+P391600134IA</i>				
				

PREMIER
Air Center, Inc.

Label Type: Airframe
Reg # : N7872V
Serial # : 2835

Page: 1
WO#: 234595
Date: 02/15/99

18 Terminal Drive
East Alton, IL
618-259-3230
FAA CERTIFIED REPAIR STATION
PAZR068H

RON DITMAR

TACH TIME: 2279.36
PERFORMED FAR 91.411 & 91.413

I certify that the transponder and the Altimeter Static Pressure System & Altitude Reporting System tests required by FAR Part 91.411 and Part 91.413 have been performed and found to comply with Appendices E & F of Part 43.

Transponder(s) S/N #1: 33065 S/N #2: N/A
Altimeter(s) Left S/N: 60768 Right S/N: N/A
Left Altimeter checked to 20K ft Right Altimeter checked to N/A ft

Date: 2-15-99 Signed: Ron Ditmar alt. insp. For CRS PAZR068H


DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
----------------------	---------------------------	------------------	-----------------------------	---

DATE 6/29/99 A/C HRS. 2379.9 N# 7872V

Removed & replaced keyed ignition/magneto switch. Ground run up confirms repairs & correct operation of keyed ignition/magneto switch. -Euel-

For pertinent details of this maintenance action reference

Work Order(s) 7127

Signed: [Signature] 

Des Moines Flying Service, Inc.
Des Moines, Iowa
FAA Approved Repair Station
G9CR485J

Issued in Lieu of Logbook Entry.

DATE 19 ⁹⁹	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/24/99	2435	1.75	2485	#1 and #2 NAVCOM VOR tested over Coal Shuft Bridge and Sullivan Marine Bridge - both 280° (18.2 NM and 15.3 NM respectively) DME also with no error; measured from MTD. <i>J/Born</i>
3/11/00	Tach	2473	47 TT	. Repaired RH Fuel Tank leaks. Leak check, OK. Howard Hunt AIP350568543

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
MARCH 11, 2000	TACH 2473.47	T.T.	COMPLETED ANNUAL	INSPECTION. REMOVED ALL PANELS CLEANED, INSPECTED + LUBED. TREATED TAILCONE WITH ACF-50. CLEANED + PACKED ALL WHEEL BEARINGS. INSTALLED NEW HUBCAPS. PERFORMED GEAR RETRACTION. C/W AD 73-21-01 BY LUBE + CHECK OF GEAR PRELOAD; DUE AGAIN 3-01 OR 2573. CHECKED ELT. REPLACED INSTRUMENT FILTERS + VACUUM REG. FILTER REPLACED. REPLACED BLADE CLOGOUT PLATE FOR SPINNER. UPGRADED THE PRECISE FLIGHT SVS III SERIAL# 10540 TO AN SVS IV IN ACCORDANCE WITH INSTALLATION REPORT NO. 08072, WITH SUPPLEMENTAL FLIGHT MANUAL FOR SVS IV REVISION B. INSPECTED VALVE + INSTALLATION I/A/W THE

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-11-00				<p>CONTINUED AIRWORTHINESS INSTRUCTION. FLIGHT TEST TO FOLLOW. 337 FILED; ALTERNATE METHOD OF COMPLIANCE LETTER FOR AD99-24-10 INCLUDED. REPLACED FORWARD LAP BELTS + SHOULDER HARNESSSES WITH NEW AMSAFE BELTS + LASAR KIT IIA/W MOONEY DRAWING 940044. ADS CHECKED THROUGH 2000-05. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. AIRCRAFT PREPPED FOR FLIGHT TEST OF SUSV IIA/W PAR 3.1 OF REPORT.</p> <p>Sandy Stojak A+P 319600134IA</p>

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)																					
				<p>MARCH 12, 2000 COMPLETED FLIGHT TEST OF SVSII STANDBY VACUUM SYSTEM. OPERATIONS PLACARD PLACED IN AIRCRAFT. RETURNED AIRCRAFT TO NORMAL OPERATING CONFIGURATION. Sandy Szegok A4P319600134IA</p>																					
				<table border="1"> <thead> <tr> <th colspan="3">MAX. CONT. RPM</th> </tr> <tr> <th>Pressure Alt. (FT)</th> <th>Manifold Pressure</th> <th>SVS Vacuum In. HG Minimum</th> </tr> </thead> <tbody> <tr> <td>2,000</td> <td>17</td> <td>4.5</td> </tr> <tr> <td>4,000</td> <td>16</td> <td>4.5</td> </tr> <tr> <td>6,000</td> <td>13</td> <td>4.5</td> </tr> <tr> <td>8,000</td> <td>11</td> <td>4.5</td> </tr> <tr> <td>10,000</td> <td colspan="2">NOT AVAILABLE</td> </tr> </tbody> </table>	MAX. CONT. RPM			Pressure Alt. (FT)	Manifold Pressure	SVS Vacuum In. HG Minimum	2,000	17	4.5	4,000	16	4.5	6,000	13	4.5	8,000	11	4.5	10,000	NOT AVAILABLE	
MAX. CONT. RPM																									
Pressure Alt. (FT)	Manifold Pressure	SVS Vacuum In. HG Minimum																							
2,000	17	4.5																							
4,000	16	4.5																							
6,000	13	4.5																							
8,000	11	4.5																							
10,000	NOT AVAILABLE																								

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2000 April 28, 2000	Tach	2489.24	Adjust trim + flap indicator for proper travel + movement.	Howard Hunt AIP 35056
July 6, 2000	Tach	2515.47	Replaced Tach cable Adjusted flap indicator. Repaired Air box with LASAR Air box repair kit P/N 600063-9 Re-installed air box. Replaced air box duct. Replaced cabin heat scat hose.	Howard Hunt AIP 350
Sept 15, 2000	Tach	2561.69	Replaced rear seat steps Head Phone Jack P/N 55034, ops ck, OK.	Howard Hunt AIP

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
OCT. 21, 2000	TACH	2578.37	INSTALLED OVERHAULED	DUKES FUEL PUMP # 1499-00-21 SER# 3224. (TAG IN BACK) OPS CHECK OK. Sandy Stegok A# 319600134
11-3-00	TACH	2580.67	INSTALLED GE4522	LANDING LIGHT. Sandy Stegok A# 319600134
3-27-01	Tach	2604.4	Repaired RH fuel leak,	forward + inboard seams of tank. Leak check, OK. Paint wingwalk. Re-paint spinner with Trioo 3R Acy 610. Howard Hunt A# 3505685

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
MARCH 27, 2001		TACH 2604.4 TT NEW LOG STARTED <i>Judy Stagok</i> AIP 319600134
		

YEAR: 2001 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MARCH 27, 2001	TACH 2604.4	TT		COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED & LUBED. CLEANED & REPACKED ALL WHEEL BEARINGS. REPLACED BRAKE LININGS. REPLACED SEALS FOR L.H. BRAKE MASTER CYLINDER + BLED SYSTEM. PERFORMED GEAR RETRACTION. C/W AD 73-21-01 BY LUBE + PRELOAD CHECK; DUE AGAIN 3-02 OR 2704. REPLACED L.H. FUEL SENDER GASKET. CHECKED ELT + INSTALLED NEW BATTERY, DUE 5-03. REPLACED FUEL CAP SEALS, REPLACED FWD BAFFLE SEAL, REPLACED VAC REG FILTER + P.C. FILTER. SEALED RADIO ACCESS PANEL. REPLACED LINK, BUSHING + BOLTS AT TRIM JACKSCREW. OPS CHECK O.K. ADS CHECKED THROUGH 2001-06. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Staszak A+P 319600134-FA

YEAR: 2001 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
July 9, 2001	Tach 2621.24	TT		Resealed left wing fuel tank in accordance with Mooney S-M and SB M20-230. Removed old sealant and cleaned fuel bay, filled all gaps + seams with PR 1422 B 1/2. Sealed rivets and seams with PR 1422 A2. Sealed fuel bay with PR 1005 L Red Coat Sealer. Sealed panel with 1428 B 1/2. All drain holes opened in accordance with SB M20-230. Replaced left wing fuel sender gasket. Fill left fuel bay, leak check, OK. Howard Hunt A/P 350568543
JULY 9, 2001	TACH 2621.24			INSTALLED NEW SWITCH FOR GEAR WARNING HORN. CLEANED GROUND FOR LIFT DETECTOR & REINSTALLED. BOTH SYSTEMS OPS CHECK GOOD. Sandy Stuzak A/P 319600B4-I

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-22-02	2678.25			Transponder has been tested and inspected according to FAR PART 91.413 and found to comply with Appendix F of Part 43
			S/N #1 <u>33065</u> S/N #2 <u>N/A</u> Date <u>2-22-02</u> Signature <u>Raymond H. Watt</u>	for PREMIER AIR CENTER, INC. Approved FAA Repair Station No. PAZRO68H 18 Terminal Drive East Alton, IL 62024
				I certify that the Altimeter Static Pressure System & Altimeter Reporting System, etc. required by FAR Part 91.411 have been performed and found to comply with Appendices A & F of Part 43.
			S/N _____ S/N <u>N/A</u> Altimeter was checked to <u>20K</u> feet. Altimeter was checked to <u>N/A</u> feet Date <u>2-22-02</u> W/O No. <u>299873</u> Signature <u>Raymond H. Watt</u>	LEFT RIGHT for PREMIER AIR CENTER, INC. Approved FAA Repair Station No. PAZRO68H 18 Terminal Drive East Alton, IL 62024

YEAR: <u>2002</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
April	8, 2002	Tach 2679.64		Repaired both fuel tank leaks by resealing front seams and inbd. seams with PR142A-2. Resealed panels with PR 1428B 1/2. Fill tanks, leak check, OK. Replaced RH main tire + tube with 600x6 flight custom. Cleaned all-fuel screens. Replaced gascolator gasket with new. Replaced RH inbd tail pipe hanger spring + hardware. Howard Hunt A#P 350568543
APRIL	8, 2002	TACH 2679.64	TT	COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED + LUBED. CLEANED + REPACKED ALL WHEEL BEARINGS. LUBED GEAR AND CHECKED PRELOAD IIAIW AD 73-21-01, DUE AGAIN 4-03 OR 2779. PERFORMED GEAR RETRACTION + EXTENSION. CIW AD 77-17-04 BY VISUAL + DYE PENETRANT INSPECTION OF CONTROL SHAFTS, DUE AGAIN AT 3179. ADS CHECKED THROUGH 02-07. INSPECTED PRELISE

YEAR: 2002 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
June 6, 2002	Tach 2714.63			Removed generator for overhaul by AeroTech of Louisville. 8130-3 tag back of logbook. Reinstall generator PIN 1101915, S/N 6533 after overhaul. Op's ck, OK. Replaced voltage regulator with new Zeftronics regulator PIN 1500N. Pre + Post OP's check, OK. FAA-PMA sheet + warranty in back of logbook. Howard Hunt AIP 350568543
Mar 21, 2003	Tach 2759.79			Changed oil + filter. Cleaned screen. Serviced with Aeroshell AD 80. Run engine leak ck, OK. Installed J.P.I EGT-701 temperature monitoring system in accordance with STC # SA2586NM. 337 filed this date. Weight + balance revised New EW 1628.25 New EWCG 45.2. Equipment list updated. Installed InterAv alternator kit in accordance with STC # SA334SW and Report 65-113, Rev D. Replaced existing generator Circuit breaker with new 60A PIN 295-29694 in accordance with Con

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
(CONT)	AC43.13-1B CH 11.			Installed new SA circuit breaker for Alt. field in accordance with AC43.13-1B CH 11. 337 filed this date. New EW 1628.25 New EWCG 45.2. Equipment list updated. Installed power flow exhaust system Kit # PFS-16101 in accordance with STC # SA02549AT and Report No. PFS-0068-00 Rev A using new exhaust gaskets + hardware. 337 filed this date. New EW 1628.25. New EWCG 45.2. Ops check, OK. Howard Hunt ATP 350568543
MAY 9, 2003	TACH 2868.9	TT		COMPLETED ANNUAL INSPECTION REMOVED ALL PANELS, CLEANED + LUBED. TREATED TAIL CONE WITH ACF-50. REPACKED ALL WHEEL BEARINGS SEALED L.H. FUEL TANK AT OTBD SPAR. CLEANED FUEL SCREEN + REPLACED LOCK-O-SEAL. REPLACED OUTER O-RINGS FOR FUEL CAPS. REPLACED BOLTS FOR L.H. COWL FLAP HINGE. LUBED GEAR + CHECKED PRELOAD

(continued)

YEAR: <u>2003</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
(5-9-03)	continued)	1/A/W	AD 73-21-01;	DUE AGAIN 5-04 OR 2968.9. REPLACED SWITCH FOR GEAR WARNING HORN. PERFORMED GEAR RETRACTION+EXTENSION. TIGHTENED BOLTS FOR NLG STEERING. REPLACED LOCKNUTS FOR NLG DOOR ATTACH. CHECKED ELT+INSTALLED NEW BATTERY, DUE 6-05. C/W ANNUAL INSPECTION OF STANDBY VALVUM SYSTEM. REPLACED ONE COLLAR+LOCK RING FOR COWL FASTENER. ADS CHECKED THROUGH 03-09. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Staggak A+P3196001341A

YEAR: <u>2003</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
AUG 30, 2003	TACH 2945.6 TT			INSTALLED WHELEN AL50 WINGTIP ANTI-COLLISION & FORWARD POSITION LIGHT ASSYS. WHELEN HDACF POWER SUPPLY SER# 29847 INSTALLED AT STA 112.0 I/A/W STC SA800EA. 337 FILED THIS DATE. NEW EW 1633.25, EWCG 45.32. INSTALLED KLIXON 7270-5-10 BREAKER/SWITCH FOR WINGTIP STROBES AND FOR BELLY STROBE. INSTALLED NEW LANDING LIGHT. SYSTEMS OPS CHECK OK. FLIGHT TEST PER STC TO FOLLOW. Sandy Stogak A+P 3196001341A
SEPT 3, 2003				Initial Test Flight per AC 43.13-2A 4-52b OK. NO RADIO NOISE NOTED ON COM OR NAV. Sandy Stogak A+P 3196001341A
SEPT. 6, 2003				FLIGHT TEST OF WING TIP STROBE SYSTEM IAW AC 43.13-1B/2A SEPT 98, CHAP 4, PARA 52a; NO STROBE REFLECTION IN COCKPIT; SATISFACTORY INSTALLATION, W. L. Bon N7872V aircraft owner and Pilot


YEAR: <u>2003</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Oct. 3, 2003	TACH	2960.08	TT	Replaced LM wheel w/ serviceable used wheel. Cleaned & packed wheel brgs. Replaced LM Tire using Goodyear Flight Custom III 6.00-6 8PR. Replaced innertube using Michelin 6.00-6 tube. Replaced both MG brake discs using Cleveland P/N 164-00900 discs. Replaced both MG brake linings, Cleveland P/N 066-11100. Installed all new wheel bolts + nuts. Donald E. Hantuch A+P 2688751
OCT. 3, 2003	TACH	2960.08		INSTALLED M-20 MODEL 300B OIL SEPARATOR 1/A/W STC SA02033AT. SECURED TO ENGINE MOUNT WITH ADEL CLAMPS. OIL RETURN TO RH ACCESSORY CASE PORT WITH AN840 HOSE FITTING. 337 FILED THIS DATE. ICAS IN AIRCRAFT RECORDS Sandy Stegert AIP 319600134

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE: 03/05/04
TACH: 3017.81

MIDWEST M20 SALES & SERVICE
R.R. 1, BOX 193A, FLORA, IL 62839

REMOVED AND REPLACED ALL SIDE GLASS WITH LP AERO PLASTICS, INC., P/N'S LP-135.250 SG, LEFT FRONT PILOT WINDOW, LP-139.375 SG, VENT WINDOW, LP-136.250 SG, CABIN DOOR WINDOW, LP-137.250 SG, LEFT REAR WINDOW, LP-138.250 SG, RIGHT REAR WINDOW. INSTALLATION COMPLETED IN ACCORDANCE WITH MOD WORKS, INC. REPORT NO. MW107, REVISION C, DATED FEBRUARY 16, 1997, OR LATER FAA APPROVED REVISION AND STC #SA00133AT. REMOVED, REFURBISHED AND REPLACED LANDING GEAR. REPLACED 11 LORD SHOCK DISCS WITH P/N J-11968-14. REMOVED AND REPLACED WINDSHIELD WITH LP AERO PLASTICS, INC. P/N LP-561.250 SG.


KEVIN J. SURRELL
A&P 382745159 I.A.

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



Label Type: Airframe Page: 1
 Reg #: N7872V WO#: 311758
 Serial #: M20G-2835 Date: 3/23/2004

18 Terminal Drive
 East Alton, IL
 618-259-3230
 FAA CERTIFIED REPAIR STATION
 PAZRO68H

*For next certification
 Don Collins Avionics
 Evansville, IN
 812-425-2603*

Aircraft Tach Time: 3023.17

Removed Attitude Gyro P/N 23-501-06-16 S/N T510537J and filter P/N EBG001-5004.
 Installed new Attitude Gyro P/N 23-501-06-16 (5000B-36) S/N T84580N and a new filter
 P/N EBG001-5004.

Performed FAR 91.411 & FAR 91.413

I certify that the transponder and the Altimeter Static Pressure System & Altitude Reporting System tests required by FAR 91.411 and Part 91.413 have been performed and found to comply with Appendices E & F of Part 43.

Transponder S/N 33065 Altimeter S/N 60768 to 20,000 ft.

Date 3-23-2004 Signed *[Signature]* for CRS PAZRO68H

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

APRIL 19, 2004 TACH 3038.85 REPLACED GROUND WIRE + POWER TERMINAL AT LANDING LIGHT. REMOVED STROBE POWER SUPPLY FOR WARRANTY REPAIR. Sandy Stogak AWP319600134

5-11-04 N7872U TACH 3047.40
 WHELEN ENGINEERING COMPANY FAA MMF E19-50
 Route 145, Winthrop Road REINSTALLED
 Chester, Connecticut 06412-0684 Sandy Stogak

10-0330430-00

SERVICEABLE

AWP319600134

Unit ~~el-07F0028~~: 05 Ser. No. 29847

The component identified above was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this repair station under

W/O No. 068990 Date 04-23-04

Insp. Leon Beaulieu

YEAR: 2004 DATE	RECORDING TACH TIME 3061.58	TODAYS FLIGHT	TOTAL TIME IN SERVICE 3061.58	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<p> JUNE 11, 2004 COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED, LUBED + SPOT TREATED WITH ACF-50. CLEANED + REPACKED ALL WHEEL BEARINGS SERVICED TIRES + BRAKES. LUBED GEAR + CHECKED DOWNLOCK PRELOAD 1/A/W AD 73-21-01; DUE AGAIN 6-05 OR 3161.58. PERFORMED GEAR RETRACTION + EXTENSION. ADJUSTED RH GEAR DOOR. BLED LH BRAKE. REPLACED FUEL CAP O-RINGS. REPLACED INBD DOUBLERS FOR COWL FLAP HINGES + INSTALLED WITH NEW BOLTS. INSPECTED PRECISE FLIGHT STANDBY VACUUM SYSTEM (ANNUALLY) AND VALVE (BIENNIALY) ADS CHECKED THROUGH 04-12. REMOVED NARCO ELT 10 SER# 15879 FOR REPAIR. SERVICED BATTERY + PAINTED BOX. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AIRWORTHY CONDITION Sandra Stojak A+P 3196001341A </p>				

YEAR: 2004 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JULY 7, 2004	TACH 3075.93			INSTALLED ELT 10 SER# 80207 AFTER REPAIR BY MERL INC. (TAG IN BACK) OPS CHECK OK. Sandy Stegok AWP 319600134

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 26 AUG 04

Registration: N7872V

REPLACED #1 COM ANTENNA. TESTED KING KX155 NAV/COM,
S/N J2234.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 04-1632

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and
respective of work performed, found to be airworthy and approved for return to service.

[Signature]

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L

Phone (812) 425-2603

FAX (812) 425-2129

Logbook Entry

Date 9/9/2004

Make: Mooney

N# 7872V

Removed and replace directional gyro; DG op check good.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current
Pertinent details of this repair are on file at this Repair Station under Work Order No. 04-1734

[Signature]

For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L
Phone (812) 425-2603 FAX (812) 425-2129 E-Mail rcollins1@insightbb.com

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov 9, 2004	Tach	3160.18		Installed overhauled Garwin G450 vacuum pump S/N 35940 by M20 Oil Separators LHC I/A/W type certificate # 2A3 8130-3 in back of logbook. Installed M20 oil Separators, LHC. Model 600-WP oil separator for vacuum pump I/A/W SIC # SA025 20 AT and installation instructions 337 filed this date. Weight + Balance revised. New EW 163B.52 new EWCG 45.13. Replaced 2.5 ft solid flap hydraulic line between reservoir + flex line. Replaced flap hydraulic flex hose with new. Bleed flap system. Replaced starter solenoid with new. Ops, de, OK. Howard Hunt AP 350568543
Nov 10, 2004	Tach	3160.20		Installed Challenger Aviation Products, Inc. re-usable Air Filter I/A/W SIC # SA01669C14 and installation instructions Pa # 9002. Instruction for continued airworthiness in aircraft logs. 337 filed this date. Howard Hunt AP 350568543

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Date: <u>12/7/2004</u> Make: <u>MOONEY</u> Model: <u>M20C</u> Reg.: <u>N 7872V</u> Removed. P.C. System consisting of Electric Gyro Corp. Turn Coordinator S/N9205-87, Britain Industries Remote Turn coordinator S/N41206 and (3) servo/actuators. Installed S-Tec System 20 A/P consisting of Turn Coordinator S/N 0439-4646D, Roll Servo S/N 0439-19000 CEFG. The Aircraft Weight & Balance and Equipment List have been revised. For details of this installation and Instructions for Continued Airworthiness, see FAA Form 337. The aircraft identified above was altered and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service for the work performed. Details are on file at this agency under Work Order 04-2137.</p> <p><i>Timothy E. Emery</i> For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725 CRS No. PG2R082L</p> <p>Phone (812) 425-2603 FAX (812) 425-2129 E-mail: rcollins1@insightbb.com</p>

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Logbook Entry

Date 12/8/2004 Make: Mooney N# 7872V

Installed pilot gyro instruments central air filter; installed pilot control wheel press to talk switch; replaced DME antenna; replaced transponder antenna; reset KMA 24 marker beacon AGC level; repaired copilot mic and phone jack wiring.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current Pertinent details of this repair are on file at this Repair Station under Work Order No.04-2138

Timothy E. Emge

For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L
Phone (812) 425-2603 FAX (812) 425-2129 E-Mail rcollins1@insightbb.com

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 14 JAN 05 Registration: N7872V


TESTED KING KX155 NAV/COM, SIN 16206. RESECURED MOUNTING RACK FOR KX155.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-0062

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

Buck

For: Ron Collins Aviation Electronics CRS No. PG2R082L Phone (812) 425-2603
6103 Flightline Drive Evansville IN 47725 FAX (812) 425-2129

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb. 2, 2005	Tach 3188.2			Replaced both pilot brake master cylinders Mooney PN 880027-501 with Cleveland cylinders PN 10-49. Bleed brakes, Ops ck, Ok. Adjust vacuum regulator, Replaced compass bracket with new. Howard Hunt A&P 550568543
Logbook Entry				
Date	2/10/2005	Make	Mooney	N# 7872V
Aligned compass as per AC 43.13-1B, Chapter 13, Section 3, checks ok.				
The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.				
Pertinent details of this repair are on file at this Repair Station under Work Order. 05-0243				
				
Bruce W. Tippet A&P 316682285				
For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725				
Phone (812) 425-2603 FAX (812) 425-2129 CRS No. PG2R082L				
E-Mail btjetman@roncollinsaviation.com URL www.roncollinsaviation.com				

YEAR: <u>2005</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------------------	---------------------------	------------------	-----------------------------	---

MARCH 1, 2005 TACH 3196.05 INSTALLED ARTEX 455-9000
ANTENNA REPLACEMENT KIT FOR NARCO ELT 10.

ARTEX AIRCRAFT SUPPLIES, INC
P.O. BOX 1270 CANBY, OR 97013
KIT, NARCO ELT 10
ANTENNA REPLACEMENT
TSO C91a PART NO: 455-9000 REV E

Sandy Stager A# 319600134

July 21, 2005 Tach 3271.7 Removed exhaust + replaced muffler insert
kit with P/W PFS-8016. Reinstalled with new gaskets.
Removed lower cowl + repaired R/H side by fabricating
Patch I/A/W AC 43.13 B. Prepared lower cowling, nose gear doors,
cowl flaps, + air intake cover for paint. Painted with Acry
Glo T10038 Deep Red. Painted LH wing root fairing with T10038.
Painted R/H top rear fuselage with Iron 7372X white. Reinstalled
lower cowl, nose gear doors, cowl flaps, air intake cover with new
AN hardware. Fabricated Patch top LH engine baffle, (cont)

YEAR:
DATE
(cont)
July

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
(CONT.)				Cleared fuel screens, leak ck, OK. Howard Hunt AP 850568543
JULY 21, 2005	TACH 3271.7	TT		COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED + LUBED. REMOVED OLD BRITAIN PC SERVO FROM RH WING. INSTALLED NEW CLEVIS PINS FOR RUDDER/BRAKE PEDAL LINKAGE. REPLACED ALL BRAKE LININGS, SERVICED BRAKE RESERVOIR. INSTALLED NEW 56 0202-501 + -502 GREASABLE BELLCRANKS WITH NEW BUSHINGS FOR LANDING GEAR RETRACT SYSTEM. LUBED GEAR AND CHECKED DOWN LOCK PRELOAD 1/16" AD 73-21-01; DUE AGAIN AT 3371 OR 07-06. PERFORMED GEAR RETRACTION + EXTENSION. C/W AD 77-17-04 BY DYE PENETRANT & 10X INSPECTION OF CONTROL YOKE SHAFTS, FOUND OK, DUE AGAIN AT 3771.7. ADS CHECKED THROUGH 05-14. COMPLIED WITH ANNUAL INSPECTION OF PRELISE FLIGHT STAND-BY VACUUM SYSTEM. ADJUSTED VACUUM REGULATOR & REPLACED FILTER. INSTALLED NEW (continued)
				next page

YEAR: <u>2005</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				(7-21-05 continued) ELT BATTERY DUE SEPT 07, ELT OPS CHECK OK. REPLACED BOLT AT THROTTLE ROD END. CLEANED + RE OILED AIR FILTER. SERVICED BATTERY & REPLACED TERMINAL BOOT. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Sandy Stojak</i> <i>A#P3196001341A</i>
August 22, 2005	Tach 3300.23			Replaced both fuelcap o rings. Paint Prop tips, Howard Hunt A# 350563543
OCT 8, 2005	TACH 33405			Installed Doublers + Brackets to cabin floor for oxygen bottle installation. For details and ICAS see 337 this date. <i>Sandy Stojak</i> <i>A#P3196001341A</i>

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 14 NOV 05 Registration: N 7872V

REPAIRED KING KN64 DME, S/N 30483.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1922

REPAIRED KING KX155 NAV/COM, S/N 32234.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1923

REPAIRED KING KX155 NAV/COM, S/N 6206.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1924

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

J. Buck

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

Phone (812)425-2603
FAX (812) 425-2129

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------------------	---------------------------	------------------	-----------------------------	---

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 14 Nov 05 Registration: N7872V

REPAIRED KING KN64 DME, S/N 30483.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1922

REPAIRED KING KX155 NAV/COM, S/N 32234.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1923

REPAIRED KING KX155 NAV/COM, S/N 16206.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1924
 The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

Buck

For Ron Collins Aviation Electronics CRS No. PG2R082L Phone (812)425-2603
 6103 Flightline Drive Evansville IN 47725 FAX (812) 425-2129

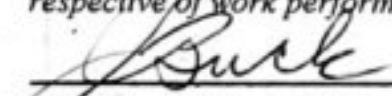
YEAR:	RECORDING TACH TIME	TODAYS FLIGHTS	TOTAL TIME IN HOURS	Description of Inspections, Tests, Repairs and Alterations (This must be entered with Name, Rating and Certificate Number of the person performing the work. (See FAA Form 8130-2, Section 10.1 for specific entries.)		
DATE						
LOGBOOK ENTRY						
	Date	11/18/2005	Make	Mooney	N#	7872V
	Aligned compass as per AC 43.13-1B Chapter 13, Section 3, Checks ok.					
	The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.					
	Pertinent details of this repair are on file at this repair station under Work Order <u>01-1921</u>					
						
	Bruce W. Tippett A&P3046848					
	For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725					
	Phone (812) 425-2603 FAX (812) 425-2129 CRS No. PG2R082L					
	E-Mail btjetman@roncollinsaviation.com URL www.roncollinsaviation.com					

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 21 Nov 05 Registration: N7372V

REPAIRED KING KX155 NAV/COM, S/N 32234.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 05-1998
 The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

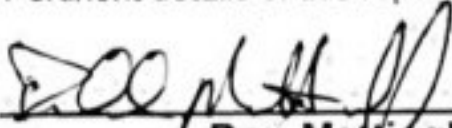


For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

Phone (812) 425-2603
FAX (812) 425-2129

YEAR: 2006 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
March 20, 2006	Tach 3390.71			Installed Aero Safe Co. Guardian I stdby vacuum system I/A/W STC# SA5631SW and drawings # 820901. Removed Precise flight stdby vacuum system. Weight + balance revised New EW: 1645.77; New EWCG: 45.59; 337 filed this date. Installed Laser Wiser visors FAA PMA sun visors IAW Laser installation instructions. R+R propeller for resale. Howard Hunt A#P350568543
JUNE 7, 2006	TACH. 3441.96	TT		INSTALLED NEW HARTZELL PROPELLER HC-C24K-1BF/F7666A-2 SER# CH40057B. INSTALLED PROP GOV AFTER RESEAL BY A/C PROP SERVICE (TAG ATTACHED) NEW WT+ BAL IN AIRCRAFT RECORDS. EW 1647.02; EWCG 45.53. Sandy Jagak A#P319600134

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
LOGBOOK ENTRY				
Date <u>07/12/06</u> Make <u>Mooney</u> N# <u>7872V</u>				
Replaced pilots push to talk switch.				
The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.				
Pertinent details of this repair are on file at this repair station under Work Order <u>06-1159</u>				
 _____ Ron Mattingly Cert# 3052186				
For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725				
Phone (812)425-2603 FAX (812)425-2129 CRS.No. PG2R082L				
E-Mail rmattingly@roncollinsaviation.com URL www.roncollinsaviation.com				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Performed Biennial check required by FAR 91.413

On KT78 Transponder system

#1 S/N 33065 #2 S/N XXX

Specifications were met per Part 43 Appendix F and were recorded on W.O.# 06-1157

Ron Collins Aviation Electronics, Evansville, Indiana
FAA Repair Station # PG2R082L

7/12/2006

Date


Authorized Signature

I Certify the Altimeter and Static System tests required by FAR Part 91.411 have been performed.

#1 Altimeter was tested to 20 K feet on 7/12/06

#2 Altimeter was tested to XXX K feet on XXX

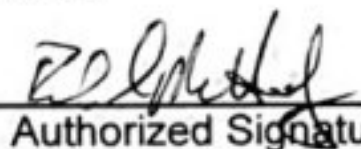
#1 Data correspondence to 20 K feet on 7/12/06

#2 Data correspondence to XXX K feet on XXX

Ron Collins Aviation Electronics Evansville, Indiana
Faa Repair Station # PG2R082L

7/12/2006

Date


Authorized Signature

SCALE CORRECTION ALT S/N C0768

Master	Altimeter	Master	Altimeter
-1000	-1010	6000	5990
0	-15	8000	8005
500	490	10000	10045
1000	985	12000	12020
1500	1490	14000	14045
2000	1975	16000	16070
3000	2980	18000	18070
4000	3985	20000	20085

Checked By RCB Date: 7/12/06

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
AUGUST 17, 2006	TACH 3470.	7A		COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED + LUBED. REMOVED ALL INTERIOR PANELS + INSPELTED TUBE STRUCTURE IIA/W SB M20-208B. CLEANED + PAINTED ONE SMALL AREA ON RH. SIDE. REPLACED RH HEAT DUCT. C/W SB M20-289A BY INSTALLING SPACER KIT. REPLACED FUEL CAP O RINGS. CLEANED FUEL STRAINER SCREEN. LUBED GEAR AND CHECKED DOWNLOCK PRELOAD IIA/W AD 73-21-01, ALL OK, DUE AGAIN AT 3570 OR 08-2007. ADS CHECKED THROUGH 06-16. ELT OPS CHECK OK, BATTERY DUE SEPT. 07 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPELTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stojak A+P3196001341A

YEAR: <u>2006</u> DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Aug 25	2006 Tach	3481.8 TT		Replaced Prop control cable with new Mooney control P/N 660189-005 and replaced rod end. Replaced throttle control + rod end with new P/N 660190-003. Replaced mixture control with new FAA PMA'd cable P/N MC 600-72. Rigged cables, Op's CK, OK. Noward Hunt AIP 35056 P 543

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date:

5 Sept 06

Registration:

N7872V

~~REPAIRED~~ KING KX155 NAV/COM, S/N 16206.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 06-1484

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

[Signature]

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

Phone (812) 425-2603
FAX (812) 425-2129

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

LOGBOOK ENTRY

Date 09/05/06 Make Mooney N# 7872V

Found intercom squeal to be caused by the copilot's ICS jacks being shorted.
Relocated copilot ICS jacks; ICS operational test normal.

The aircraft and/or appliance identified above was repaired and/or inspected in
accordance with current FAA regulations and is approved for return to service for the
work performed.

Pertinent details of this repair are on file at this repair station under Work Order 06-1483

Rowan N. Jones

Rowan N. Jones Cert# 3052458

For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN 47725

Phone (812)425-2603 FAX (812)425-2129 CRS.No. PG2R082L

E-Mail rjones@roncollinsaviation.com URL www.roncollinsaviation.com

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
Sept 30	2006	Tach 3535.77		Repaired carb airbox with carb airbox repair kit from Lasar, Ops. check OK. Replaced two Clevis bolts nose gear steering link. Howard thurs AP35082513

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 4 Oct 06

Registration: N7872V

TESTED KING KX155 NAV/COM, S/N 32234

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 06-1643

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

[Signature]

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

Phone (812) 425-2603
FAX (812) 425-2129

YEAR: 2006 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov. 15, 2006	Tach	3559.65		Installed Lake Aero Styling and Repair Steering Horn "T" shaft, and removable Pivot Stud Kit # 148 I/A/W STC # ST01554LA and Lake Aero Instruction Doc # LA148-720000.IWST. ICAS in aircraft records, 332 filed this date. Howard Hunt AP 350568543
NOV 19, 2006	TACH	3559.65		REPLACED RIGHT MAIN TIRE + TUBE. Sandy Stogak AP 319600134
JUNE 22, 2007	TACH	3655.73		REPLACED L.H. BRAKE LININGS + BLEED BRAKE. INSTALLED REPLACEMENT AIR FILTER. Sandy Stogak AP 319600134

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
SEPT 4, 2007	TACH 3654.0	TT		COMPLETED ANNUAL INSPECTION. REMOVED ALL PANELS, CLEANED + LUBED. CLEANED + PACKED ALL WHEEL BEARINGS. REPLACED RH BRAKE LININGS. SERVICED TIRES + BRAKES. REPLACED ALL LAMPS FOR NAV LIGHTS REPLACED VACUUM SYSTEM FILTERS. REPLACED OUTER O-RINGS FOR FUEL CAPS. REPLACED PIVOT BOLTS FOR COCK FLAPS. REPLACED FUEL PUMP DRAIN HOSE. CLEANED FUEL STRAINER. REPLACED O-RING AT PROP GOV. OIL LINE FITTING. C/W AD 73-21-01 BY LUBE + PRE-LOAD CHECK OF GEAR, ALL OK. DUE AGAIN AT 3754. ADS CHECKED THROUGH 07-17. ELT OPS CHECK OK. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stogak A#P 3196001341A

YEAR:

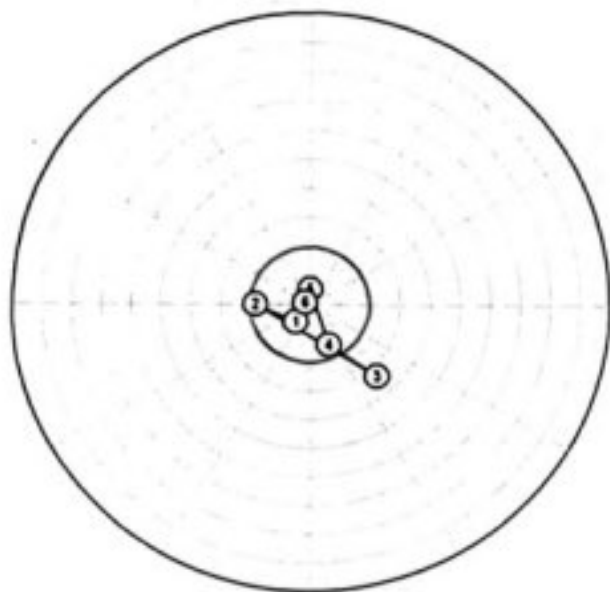
RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

DATE

ENGINE/PROP DYNAMICALLY BALANCED

---- POLAR PLOT - 1.0 IN/S FS ----

**Operator Comments**

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .077 @ 2291 rpm reduced to .019 IPS @ 2317 rpm by installation of AN hardware balance weights on spinner rear bulkhead. 10.04 grams @ 210 degrees and 9.38 grams at 330 degrees.

Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hanger 7 Cumberland, WI 54829
Hanger: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N7872V Mooney M20C 2835 3719.0 Hrs

Lyc IO 360

HP 2300 RPM

MicroVib II SN:1177 Cal:08/01/2007

Initial: 0.077 IN/S @ 2290.8 RPM Final: 0.019 IN/S @ 2316.8 RPM

Oper: _____

Date: 10/29/2007

Jim Barker A&P 2755069

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------	---------------------	---------------	-----------------------	---

DETAILS

WO: 11433 TASK: 1 AV PTT SWITCH START: 05/23/2008 FINISH: 05/23/2008
 DISCREPANCY: PTT SWITCH
 ACTION: Replaced PTT switch.

TASK	Qty	Part # \ Serial #	Description
1	1.00	39-1	PTT SWITCH

MAINTENANCE RELEASE CRS #FQ5R866M

The aircraft, airframe, engine, or appliance identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed *Dan Wright* Date *5/23/08*

<i>5/24/08</i>				<i>REPLACED STARTER DRIVE GEAR</i> ^{<i>2621508</i>} <i>[Signature]</i>

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------------------	---------------------------	------------------	-----------------------------	--

The Altimeter and Static systems tests required by FAR 91.411/FAR43, Appendix E have been performed this date 3/3/09
 Altimeter S/N _____ Certified this date 3/3/09 By BEVAN-RABELL
 Per W.O. 40792
Joe Wanner
 Bevan-Rabell, Inc. C.R.S. KG2R951K

N7872V
3771.02 TT
20,000'

This aircraft's Transponder, Make KING
 Model KT-76 S/N _____; Altitude Encoder
 Make _____ Model _____ S/N _____
 has been inspected and complies with the requirements of FAR 91.413 and FAR43, Appendix F.
 Date: 3/3/09
Joe Wanner
 Bevan-Rabell, Inc. C.R.S. KG2R951K

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/6/2010	3840.47			<p>Lubed aircraft. Complied with Mooney 100hr/annual inspection guide. Inspected ELT Replaced battery. Due Next March 2012. Ops checked good. Complied with AD 77-17-04 dated July 7, 1978 Control wheel shafts. No defects noted. Next due tach 4340.47. Complied with AD 73-21-01 dated Oct 10, 1973 Flight control landing gear systems. No defects noted. Next due 3940.47 or 2/6/2011. Complied with AD 76-12-12 dated 8-30-77 Bendix switch next due 2/6/2011. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">J. Blunt IA 3354895</p>

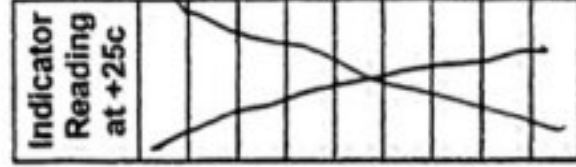
YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/5/10	3869.20			Replaced Battery with New Gill G-35 Battery Tach Time 3869.20

PF Flyers, Inc.

FAA Approved repair station Y3FR325Y
Altimeter Scale Error
Correction Card

TEST PT.(FT)	Indicator Reading at +25c	TEST
-1,000	-990	30,000
0	+5	35,000
500	515	40,000
1,000	1010	45,000
1,500	1510	50,000
2,000	2010	55,000
3,000	3015	60,000
4,000	4015	70,000
6,000	6020	80,000
8,000	8050	
10,000	10070	
12,000	12070	
14,000	14080	
16,000	16100	
18,000	18110	
20,000	20110	
22,000	X	
25,000		

Indicator Reading at +25c	TEST
-990	30,000
+5	35,000
515	40,000
1010	45,000
1510	50,000
2010	55,000
3015	60,000
4015	70,000
6020	80,000
8050	
10070	
12070	
14080	
16100	
18110	
20110	
X	



Altimeter Position	
Pilot	<input checked="" type="checkbox"/>
Copilot	<input type="checkbox"/>

ALT. S/N C0768
DATE 12-13-10

FORMC-230

YEAR:

FAR 91.413

tions
er of
tries.)

DATE

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: <i>King</i>	MODEL: <i>KT78</i>	S/N <i>33065</i>
TRANSPONDER #2	MAKE: <i>—</i>	MODEL: <i>—</i>	S/N <i>—</i>
DATE <i>12-20-2010</i>	W/O <i>0461</i>	INSPECTOR: <i>John Pender</i>	
PF Flyers, Inc. FAA APPROVED REPAIR STATION # Y3FR325Y			

FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

LEFT	FEET <i>20,000</i>	RIGHT	FEET <i>—</i>
S/N	<i>C0768</i>	S/N	<i>—</i>
DATE: <i>12-20-10</i>	W/O <i>0461</i>	INSPECTOR <i>John Pender</i>	
PF Flyers, Inc. FAA APPROVED REPAIR STATION # Y3FR325Y			

YEAR:

DATE 12/07/2011 TACH/TT:3957.67 N7872V

ins
if
s.)

THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX "D". RESEARCHED ALL AD'S. AD 73-21-01 NEXT DUE IN 100HRS OR NEXT ANNUAL. COMPLIED WITH AD 76-07-12 BY INSPECTION. ALL OTHERS COMPLIED WITH AT THIS TIME. REMOVE DIRECTION GYRO AND REPLACE WITH AN OVERHAULLED UNIT. SEE TAG FOR DG. THE EDM-700-4C WAS REMOVED TO ADD THE FUEL FLOW OPTION IN ACCORDANCE WITH J.P. INSTRUMENTS STC SA00432SE. SEE FORM 337 COMPLETED AT THIS TIME. A NEW DISPLAY WAS INSTALLED ON THE EDM-700-4C. SEE TAG FOR MORE INFO. AIRCRAFT WAS PLACED ON JACKS, LANDING GEAR WAS LUBRICATED, AND NUMEROUS GEAR RETRACTIONS WERE PERFORMED. CLEANED AND REPACKED ALL WHEEL BEARINGS. REPLACED ELT BATTERY AND TESTED ELT IN ACCORDANCE WITH FAR 91.207(d). ELT BATTERY NEXT DUE JAN 2014. THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY.....**END.**

DATE



BRUCE MCWHORTER A&P 562199228IA

05-01-12

4011.51

C/W A.D. 12-05-09, Inspected Trim Hinge and Filler plate per Mooney S.B. M20-313A. All hardware is installed correctly. NO further action is required.
Ross A. EYKAMP 542848089 A&P

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------------------	---------------------------	------------------	-----------------------------	---



ANDERSON REGIONAL
AIRPORT

AUGUST 1, 2012

AIRFRAME: M20C

N7872V

REPLACED NOSE GEAR TUBE P/N LEAKGAURD 5.00-5.

PAUL S RIDGEWAY A&P2790364IA

Paul S Ridgeway

Hobbs:
SN# 2835

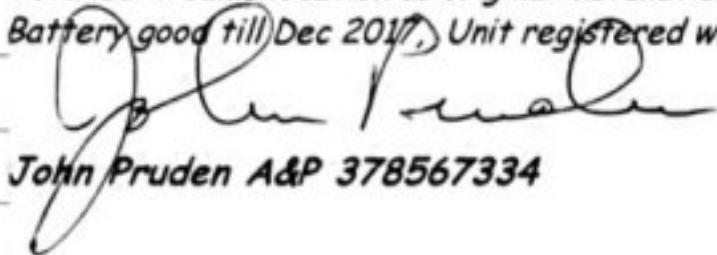
Tach: 4055.6

YEAR:	RECORDING TACH TIME	FAR 91.411 ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43	
DATE		ALTIMETER CERTIFIED TO	
		LEFT FEET	RIGHT FEET
		70,000	—
		S/N C0768	S/N —
		DATE: 10-31-12	W/O 0789
			INSPECTOR <i>John P. ...</i>
		PF Flyers, Inc. FAA APPROVED REPAIR STATION # Y3FR325Y	

nd Alterations
icate Number of
specific entries.)


4

FAR 91.413			
THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.			
TRANSPONDER #1	MAKE: <i>King</i>	MODEL: <i>KT 78</i>	S/N <i>33065</i>
TRANSPONDER #2	MAKE: —	MODEL: —	S/N —
DATE <i>10-31-2012</i>	W/O <i>0789</i>	INSPECTOR: <i>John P. ...</i>	
PF Flyers, Inc. FAA APPROVED REPAIR STATION # Y3FR325Y			

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<div data-bbox="338 341 743 544" data-label="Image"> </div> <div data-bbox="510 432 994 512" data-label="Text"> <p>ANDERSON REGIONAL AIRPORT</p> </div> <div data-bbox="331 584 575 628" data-label="Text"> <p><i>Oct 8, 2012</i></p> </div> <div data-bbox="331 635 792 681" data-label="Text"> <p><i>Airframe: Mooney M20C</i></p> </div> <div data-bbox="331 687 495 727" data-label="Text"> <p><i>N7872V</i></p> </div> <div data-bbox="331 737 1809 919" data-label="Text"> <p><i>Upgraded aircraft by installation of 406 MHz ELT. Removed Narco ELT-10 S/N80207 and installing Ameri-King AK-451-2D S/N 20196 in accordance with installation manual. Ant. installed in same location as original installation. No appreciable change to wt/bal information. Battery good till Dec 2017. Unit registered with NOAA/SARSAT.</i></p> </div> <div data-bbox="338 868 1055 1123" data-label="Text">  </div> <div data-bbox="331 1015 880 1058" data-label="Text"> <p><i>John Pruden A&P 378567334</i></p> </div>

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------	---------------------------	------------------	-----------------------------	--

DATE



**ANDERSON REGIONAL
AIRPORT**

November 9 , 2012 TACH:4072.5 HOBBS: AFTT: 4072.5
N7872V Mooney M20 Serial# 2835
 Performed an ANNUAL Inspection IAW FAR 43Appendix "D". ELT tested IAW FAR 91.207 (d). ELT battery expiration date Dec. 2017. VAC Filter (B3-5-1) replaced. C/W Mooney SB M20-229A by replacing fuel cap O-Rings (MS29513-010 and- 338) next due every 100Hrs/Annual. AD73-21-01 C/W (a)&(c) next due 4172.50 or November 2013 whichever occurs first. AD 76-07-12 C/W by functional check of ignition switch no defects noted next due AFTT:4172.5. I certify that this aircraft was inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.

Paul S Ridgeway
Paul S Ridgeway A&P2790384IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
-------	---------------------	---------------	-----------------------	--

DJ
DATE 03/01/2014 TACH/TT:4140.35 N7872V
 THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS OUTLINED IN FAR 43 APPENDIX "D". RESEARCHED ALL AD'S. AD 73-21-01 NEXT DUE IN 100HRS OR NEXT ANNUAL. COMPLIED WITH AD 76-07-12 BY INSPECTION. ALL OTHERS COMPLIED WITH AT THIS TIME. AIRCRAFT WAS PLACED ON JACKS. LANDING GEAR WAS LUBRICATED, AND NUMEROUS GEAR RETRACTIONS WERE PERFORMED. CLEANED AND REPACKED ALL WHEEL BEARINGS. TESTED ELT IN ACCORDANCE WITH FAR 91.207(d) AND FOUND TO BE FUNCTIONAL. REPLACED FUEL CAP O-RINGS. THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY.....END.

Bruce McWhorter

BRUCE MCWHORTER A&P 3690658IA

02-24-15	4161.3	—	4161.3	C/w ANNUAL INSPECTION of aircraft. Jacked A/c, Checked Ldg. gear rigging and down lock preload. Inspected wheels and brakes. Cleaned and inspected fuel screen. C/w A.D. 73-21-01, lubricated all Fk. controls and greased all Ldg. gear pivot points. Next due at Tach 4261.3 or Feb. 2016. C/w A.D. 76-07-12,

Next page →

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	CONTINUED →			Bendix mag. switch function test. NEXT due at Tach 4261.3 or Feb. 2016. C/w A.D. 85-24-03 part B, changed all fuel cap orings. NEXT due at Tach 4261.3 or Feb. 2016. A.D. 14-15-18, Fuselage attach stabilizer fittings. N/A by S/N of A/c, C/w FAR 91.207 par. D, ELI function test. Cleaned, inspected, and serviced Eng. air filter per Challenger ICA. Replaced L.H. and R.H. MAingear retraction springs P/N 910 002-000. Installed new cabin door lock P/N 3319KA Key No 1331. Replaced missing carb. heat box washer P/N 600066-000. Replaced L.H. Aileron hinge P/N 210107-000. Removed left aileron and have Mooney factory check balance do to patch on aileron. Aileron found to be in limits. Inspected interior and exterior of wings, fuselage and empennage. Aircraft found to be in airworthy condition for return to service.
DATE Feb. 24 2015	TACH TIME 15-24	TOTAL TIME IN SERVICE 4161.3		
AD'S CHECKED THRU: THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
SIGNED <u>David Behrens</u> NUMBER: <u>AEP 2804926 ICA</u>				

YEAR:
DATE

REC
TAC
TIN



ANDERSON REGIONAL
AIRPORT

June 6, 2015
Airframe: Mooney M20C
N7872V

Tach: 4175.6
SN#: 2835

Troubleshoot inop JPI Fuel Flow Indicator. Checked connections behind instrument and instrument panel. Installed JPI Fuel flow tester into harness and verified harness is operational. Disconnected fuel line from transducer and back blew through unit. Installed fire sleeve and cowlings. Test ran engine and all systems ops checked good with no leaks.

Christopher A. Maxwell
Christopher A. Maxwell A&P2846774IA



ANDERSON REGIONAL
AIRPORT

June 30, 2015
Airframe: Mooney M20C
N7872V

Tach: 4175.6
SN#: 2835

Removed defective starter (Kelly MZ-4222/SN# H-K101800 (16.9 lbs.)) and install new SKY-TEC Model 122-NL/SN# CN-211505 (9.3 Lbs)). Required fabricating new power cable from starter stud to relay. Ops checked new starter and ground run aircraft. All within limits.

Weight and Balance revised.

Gross Weight 2575 Lbs
New Empty Weight: 1639.42 lbs
New Useful Load: 935.58 Lbs

See full revised W&B in folder labeled "W&B and Flight Manual Suppliments".

Christopher A. Maxwell
Christopher A. Maxwell A&P2846774IA

d Alterations
(ite Number of
pecific entries.)

Series of horizontal lines for recording alterations.

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<div data-bbox="291 335 716 534" data-label="Image"> </div> <div data-bbox="470 422 996 502" data-label="Text"> <p>ANDERSON REGIONAL AIRPORT</p> </div> <div data-bbox="302 542 1456 582" data-label="Text"> <p>March 18, 2016 TACH:4210.33 AFTT:4210.33</p> </div> <div data-bbox="302 590 1276 630" data-label="Text"> <p>N7872V Airframe Mooney M20C Serial#2835</p> </div> <div data-bbox="291 638 1680 1197" data-label="Text"> <p>Performed an ANNUAL inspection IAW FAR 43 Appendix D. ELT tested IAW FAR 91.207 (d). ELT Battery expiration date December 2017. Repacked right brake caliper using O-ring MS28775-326. Bled brakes serviced reservoir. Power Flow Exhaust Collector (Pn38002), #1 Header Assy. (Pn11600), #2 Header (Pn12600), #3 Header (Pn13600) and #4 Header (Pn14600) replaced. Installed overhauled Electric fuel pump (Pn 4140-00-21A Serial#4534. Installed Whelen Landing light (Pn P46P1L). C/W AD73-21-01 (a)&(c) next due 4310.33 or March 2017 whichever occurs first. C/W AD76-07-12 by functional check of ignition switch no defects noted next due 4310.33. AD85-24-03 C/W by replacing fuel cap O-rings (MS29513-010 and -338 next due every 100Hrs/ Annual. I certify that this aircraft was inspected IAW an ANNUAL inspection and was determined be in an airworthy condition. <i>Paul S Ridgeway</i></p> </div> <div data-bbox="291 1197 896 1244" data-label="Text"> <p>Paul S Ridgeway A&P2790364IA</p> </div>

N7872V RTT: 4268.68 AFTT: 4268.68 April 3, 2017

AIRFRAME Completed annual inspection using checklist ref: FAR 43 Appendix D. Inspected ELT IAW Far 91.207(d) and manufacturer's ICA and found to be in good working condition. Batt due Dec 2017. Inspected all push-pull tubes, bellcranks, rod-ends and control surface attach points. Inspected landing gear and conducted retract test and checked landing gear bungee pre-load. Inspected wheels and brakes and lubed the landing gear system. Inspected wings and fuel tanks and lubed control surface attach points. Inspected empennage, trim system, vertical fin and antennae. Inspected interior and exterior lighting. Replaced vacuum regulator air filter B3-5-1 and inspected instruments and wiring. Inspected flight and engine controls for freedom and function. Post-inspection functional check completed.

C/W AD73-21-01 Flight control and landing gear system

C.W AD 85-24-03 Fuel Tank by visual inspection IAW Mooney SB M20-230

C/W AD 76-07-12(R1) Bendix Ignition Switch function check IAW Para (b) of AD

I CERTIFY THAT THIS AIRFRAME WAS INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

MATTHEW ADAMS A&P 2709715 IA



and Alterations
Certificate Number of
(per specific entries.)

May 4, 2018	4300.9	—	4300.9	C/W ANNUAL INSPECTION OF AIRCRAFT PER MOONEY Form 0100. Jacked A/c, checked Ldg. gear rigging and down lock pre-load. C/W A.D. 73-21-01, Lubricated all FLT. CONTROLS and greased all Ldg. gear pivot points. NEXT due at Tach 4400.9 or May 2019. C/W A.D. 76-07-12, Bendix Mag. Switch

NEXT page

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	CONTINUED	→		FUNCTION TEST, NO DEFECTS. NEXT DUE AT TACH 4400.9 OR MAY 2019. C/W A.D. 85-24-03 PART B, CHANGED FUEL CAP O-RINGS. NEXT DUE AT TACH 4400.9 OR MAY 2019. C/W A.D. 17-16-01, AMERI-KING AK-450 AND AK-451 ELT, NO DEFECTS. NEXT DUE AT MAY 2019. INSTALLED NEW ELT BATTERY P/N U10014 EXP. MAY 2023. C/W FAR 91.207 PAR. D, ELT TESTED, NO DEFECTS. A.D. 17- 04-06, UNITED INST. ALTIMETER, N/A NOT INSTALLED. REMOVED CHALLENGER AIR FILTER DUE TO LARGE HOLES IN FILTER. INSTALLED BRACKETT AIR FILTER ASSY. P/N BA-6110 PER STC #SA71GL, SEE 337. GREASED ALL WHEEL BEARINGS. C/W MOONEY S.I. M20- 39, INSTALLED CABIN DOOR HANDLE REPLACEMENT KIT P/N M20-039-000. INSPECTED INTERIOR AND EXTERIOR OF WINGS FUSELAGE AND EMPENNAGE. AIRCRAFT FOUND TO BE IN AIRWORTHY CONDITION FOR RETURN TO

NEXT PAGE →

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p>Continued → service. All A.D.'s checked thru 2018-09.</p> <p>JATE <u>May 4, 2018</u> T.T. IN SERVICE <u>4300.9</u> AD'S CHECKED THRU <u>18-09</u> I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>SIGNED: <u>David Behrman</u> NUMBER: <u>A&P 2804926 EA</u></p>

Date: 4/12/19
Tach: 4366.7
TTA: 4366.7

NorCal Aviation Services
2502 John Montgomery Dr
San Jose CA 95148

Tail: N7872V
S/N: 2835
Year: 1964

Removed cowling, opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Serviced fuel bowl screen. Cleaned and inspected all wheel bearings & repacked with Mobil Aero grease. Replaced one wheel bearing and race on the nosewheel. Checked garter filter and vacuum inlet filter. Replaced Brackett air filter element. C/W AD 73-21-01 by lubricating landing gear links and checking downlock tensions. Due for re-check 4/30/20 or tach 4466.7. C/W AD 77-17-04 by inspection of control yoke shafts. No defects found. Due for re-check at tach 4866.7. Jacked aircraft and performed landing gear retraction test. C/W AD 17-16-01 By loss/inspection of ELT - Due @ annual (OK)
Inspected and tested ELT IAW 91.207(d) - performed satisfactorily. New batteries due 04/2023. Replaced flexible oil hoses for the oil cooler and oil pressure gauge. Ground ran & leak checked. Okay for return to service.

I certify this aircraft was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

David L. Mc
A&P 3606960IA

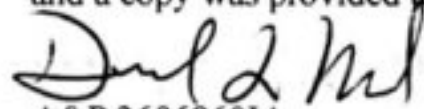
YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/28/19	4374.08		4374.08	REMOVED GILL G35 BATTERY AND REPLACED WITH NEW GILL SEALED BATTERY 7035-28. Iron Crane / OWNER
9/14/19	4396.45		4396.45	REMOVED + REPLACED BRACKETT AIR FILTER w/ NEW BA-6108 ELEMENT. Iron Crane / OWNER

Date: 9/27/19

NorCal Aviation Services
2502 John Montgomery Dr
San Jose CA 95148

Tail: N7872V
S/N: 2835
Year: 1964

Removed tail navigation light & replaced with Uavionix tailbeacon ADS-B device. System programmed per manufacturer's instructions. Weight and balance change is negligible. FAA Form 337 dated 9/27/19 created and entered into the aircraft log and a copy was provided to the FAA. Aircraft is approved for return to service


A&P 36069601A

10/13/19	4404.34		4404.34	REMOVED LH WING NAV LIGHT LENS AND BULB, INSTALLED GRIMES CLEAR LENS(A1280-1) WITH NEW GASKET AND NAV MAX LED BULB(AL-7512NM-R) Iron Crane / OWNER
----------	---------	--	---------	--

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date: 4/28/20

Tach: 4421.87

TTA: 4421.87

San Martin Aviation Corp.

13025 Murphy Ave.

San Martin CA 95046

Tail: N7872V

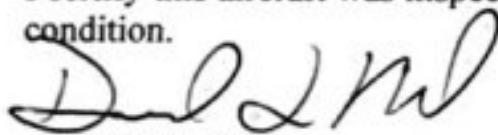
S/N: 2835

Year: 1964

Removed cowling, opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Serviced fuel bowl screen. Cleaned and inspected all wheel bearings & repacked with Aeroshell grease 22. Checked garter filter and vacuum inlet filter. Checked K&N air filter. Jacked aircraft and performed landing gear retraction test. C/W AD 73-21-01 by lubricating landing gear links and checking downlock tensions. Due for re-check 4/30/21 or tach 4521.87. Noted AD 77-17-04 (yoke inspection) due for re-check at tach 4866.7. C/W AD 76-07-12 by test of ignition switch. Due for re-check at tach 4521.87 or annual.

Inspected and tested ELT IAW 91.207(d) - C/W AD 17-16-01 by test - due for re-check 4/30/21. Removed ELT and placarded panel. New battery pack on order.

I certify this aircraft was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 3606960IA

10/24/20	4429.95		4429.95	COMPLIED WITH - SB UAV-1003/74-002 REV A - FOR UAVIONICS TAIL BEACON (UAV-1002183-001); AML STC SA04427CH - TRAVIS CRANE/OWNER

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case	Hysteresis		
				49 @ 18000	% Altitude Tested	Altitude Tested	Amount Hysteresis
-1000	0		-1.2				
0	0		0				
500	0		.5				
1000	-10	20	1.2		50%	10h	+10
1500	0		1.5		40%	8h	+10
2000	-10	20	2.2				
3000	-10	30	2.2				
4000	-10		4.2				
5000	0		5.2		After Effect	0	Check Pitot Heat <input type="checkbox"/>
6000	+10		6.0		Baro. Scale Error (± 25 ft.)		
8000	+20		8.0		28.10	-1727	✓
10000	+30	30	10.2		28.50	-1340	✓
12000	+30		12.2		29.00	-863	✓
14000	+40		14.2		29.50	-392	✓
15000	+40	70	15.2		29.92	0	✓
16000	+50		16.0		30.50	+531	✓
18000	+60		18.1		30.90	+893	✓
20000	+70	30	20.2		30.99	+974	✓
22000					Aircraft #		
25000					N17872V		
30000					Date Tested:		
35000					4/21/2021		
40000					Technician:		
45000					Inspector:		
50000							

Tested in compliance with Appendix E, Part 43, F.A.R 91.411

Tested to: 20h ft. W.O. #: 19206

Precision Static Testing FAA CRS# QJAR856X

Form 1A **PILOT / FIRST OFFICER / STAND-BY**

A02 / 08 Jan 2007

Pairs and Alterations
of Certificate Number of
or other specific entries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date: 4/23/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4435.1

13025 Murphy Ave.

S/N: 2835

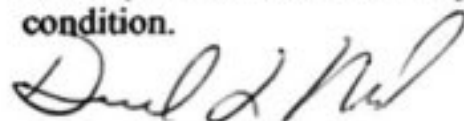
TTA: 4435.1

San Martin CA 95046

Year: 1964

Removed cowling, opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Serviced fuel bowl screen. Cleaned and inspected all wheel bearings & repacked with Aeroshell grease 22. cleaned K&N air filter. Jacked aircraft and performed landing gear retraction test. C/W AD 73-21-01 by lubricating landing gear links and checking downlock tensions. Due for re-check 4/30/22 or tach 4535.1. Noted AD 77-17-04 (yoke inspection) due for re-check at tach 4866.7. C/W AD 76-07-12 by test of ignition switch. Due for re-check at tach 4535.1 or next annual inspection. Inspected and tested ELT IAW 91.207(d) – C/W AD 17-16-01 by test – due for re-check 4/30/22. ELT batteries due Feb 2005. Replaced right and left main landing gear tires. Re-sealed left side brake caliper & bled brakes. Replaced right side brake pads.

I certify this aircraft was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 3606960IA

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Date: 7/20/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4454.05

13025 Murphy Ave.

S/N: 2835

TTA: 4454.05

San Martin CA 95046

Year: 1964

Removed Powerflow exhaust system. Replaced perforated metal carburetor heat inlet screen. Replaced muffler baffle (p/n 8016) with new baffle material. Reinstalled muffler systems using new 77611 no-blow gaskets. Replaced carburetor air inlet duct. Installed landing light inline pulse relay (Goodie-Flasher 30-UACN-Z91U) as a minor alteration to the landing light system. This aircraft is approved for return to service.

Don D. Mel

A&P 3606960

Date: 8/10/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4455.17

13025 Murphy Ave.

S/N: 2835

TTA: 4455.17

San Martin CA 95046

Year: 1964

Removed Whelen HDACF strobe power supply and wingtip strobe/nav light units. Installed Whelen Orion 650 LED nav/strobe assemblies (p/n 01-0790725-02 F). Used existing wiring to power navigation lights, strobe lights and synchronization circuitry. Weight and balance updated this date to reflect changes. FAA form 337 filed this date.

Don D. Mel

A&P 3606960

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-------------------	---------------------------	------------------	-----------------------------	---

Date: 10/3/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4468.51

13025 Murphy Ave.

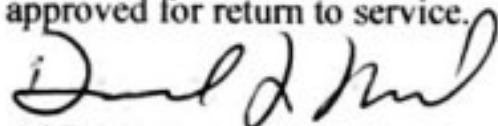
S/N: 2835

TTA: 4468.51

San Martin CA 95046

Year: 1964

Performed compass swing. Created new compass deviation card & installed in the compass card holder. This aircraft is approved for return to service.



A&P 3606960

Date: 12/15/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4479.95

13025 Murphy Ave.

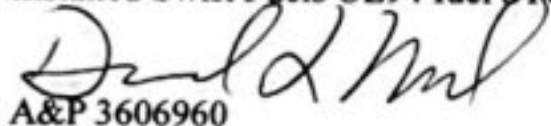
S/N: 2835

TTA: 4479.95

San Martin CA 95046

Year: 1964

Installed Swift Fuels UL94 fuel STC. FAA for 337 filed this date. This aircraft is approved for return to service.



A&P 3606960

YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
<u>DATE</u>		

Date: 12/21/21

San Martin Aviation Corp.

Tail: N7872V

Tach: 4480.26

13025 Murphy Ave.

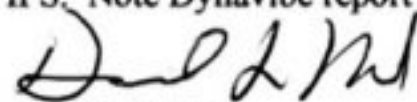
S/N: 2835

TTA: 4480.26

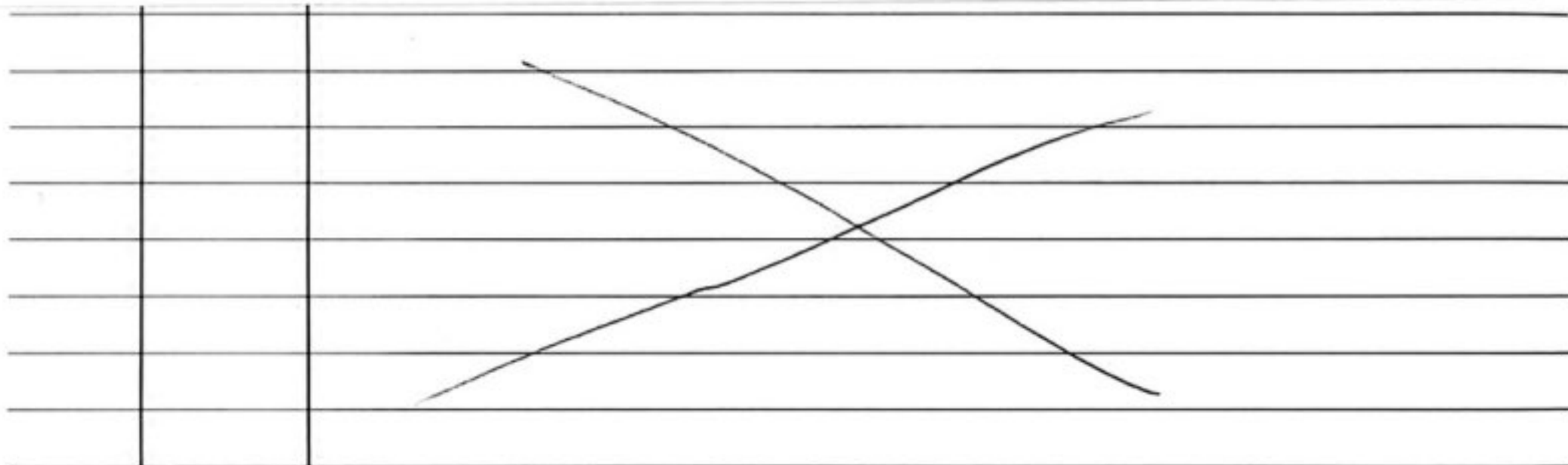
San Martin CA 95046

Year: 1964

Performed propeller dynamic balance. Started at 0.25 IPS. Added 7.5g to starter ring gear support. Vibration reduced to 0.08 IPS. Note Dynavibe report dated this date. This aircraft is approved for return to service.



A&P 3606960



YEAR: DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
-------------------	-----------------------------	--

Date: 5/2/22		San Martin Aviation Corp.	Tail: N7872V
Tach: 4507.04		13025 Murphy Ave.	S/N: 2835
TTA: 4507.04		San Martin CA 95046	Year: 1964

Removed cowling, opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Serviced fuel bowl screen. Inspected all wheel bearings. Cleaned Challenger air filter and replaced seal. Jacked aircraft and performed landing gear retraction test. Replaced 2 hydraulic hoses for the flap system in the center fuselage area. Replaced LH/RH brake hoses. Bled system and serviced the hydraulic reservoir. C/W AD 73-21-01 by lubricating landing gear links and checking downlock tensions. Due for re-check 5/31/23 or tach 4604.04. Noted AD 77-17-04 (yoke inspection) due for re-check at tach 4866.7. C/W AD 76-07-12 by test of ignition switch. Due for re-check at tach 4607.04 or next annual inspection. Pressure tested exhaust system.

Installed new ACK E-04 406 Mhz ELT system with instrument panel switch. Tested new ELT IAW 91.207(d) – C/W AD 17-16-01 by test – due for re-check 4/30/22. ELT batteries due Feb. 2027.

I certify this aircraft was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

A&P 3606960IA

12/15/22	4539.38	REMOVED WHELEN LED LANDING LIGHT + GOODIE-FLASHER RELAY.	
		INSTALLED AEROLED SUNSPOT 46 (01-2030-LX) LANDING LIGHT, OPS CHECKED. ✓	
		JAMES COOK / OWNER	

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/16/2023	4547.66		4547.66	REPLACED VACUUM SYSTEM AIR FILTER (RA-09-18-1)
				+ GARTER FILTER (RA-B3-5-1)
				TRAVIS CRANE (OWNER)

Date: 5/5/23

Tach: 4559.63

TTA: 4559.63

San Martin Aviation Corp.

13025 Murphy Ave.

San Martin CA 95046

Tail: N7872V

S/N: 2835

Year: 1964

Removed cowling, opened all inspection panels for inspection. Lubed all flight controls, pulleys and rod-ends. Serviced fuel bowl screen. Cleaned and repacked all wheel bearings. Cleaned Challenger air filter. Jacked aircraft and performed landing gear retraction test. C/W AD 73-21-01 by lubricating landing gear links and checking downlock tensions. Due for re-check 5/31/24 or tach 4659.63. Noted AD 77-17-04 (yoke inspection) due for re-check at tach 4866.7. C/W AD 76-07-12 by test of ignition switch. Due for re-check at tach 4659.63 or next annual inspection. C/W AD 2023-02-04 by inspection of elevator balance weights. Found affected hybrid balance weights not installed on this aircraft – no further action is required. Pressure tested exhaust system.

Tested ELT IAW 91.207(d) performed satisfactorily. ELT batteries due Feb. 2027.

I certify this aircraft was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 3606960IA

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------------	---------------------------	-------------------	-----------------------------	---

Precision Static Testing Livermore, CA
 FAA Certified Repair Station #QJAR856X
 PHONE: (925) 449-5904

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 20K feet. Time: 4561.37
 W/O# 22923 N 7872V
 Inspected by [Signature] Date 5/11/23

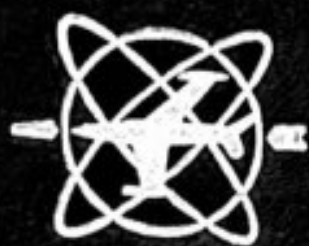
Date: 11/3/23
 Tach: 4605.77
 TTP: Unknown

San Martin Aviation Corp.
 13025 Murphy Ave.
 San Martin CA 95046

Model: HC-C2YK1BFP
 S/N: NS5088B
 SPOH: 0

Removed propeller and spinner. Installed overhauled exchange propeller M/N HC-C2YK-1BFP, Blade 7666-2, Hub S/N NS5088B. Torqued and safetied per Hartzell recommendations. Performed ground run and operational check. This aircraft is approved for return to service.

[Signature]
 A&P3606960



The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer LYCOMING Model O-360-A1D

Serial L-7300-36A Type Certificate _____

This engine is currently installed in aircraft: N7872V

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

G & N Recommended oil after break-in:

Any approved straight weight AD
oil of a viscosity respective of
operating outside air temperature
i.e. Grade 65W through 100W

CAUTION:

Use only straight mineral oil
during break-in period or for
the first fifty (50) hours,
whichever occurs first.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	------------------	-----------------------------	---

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

JOB NO. 96-51043

DATED April 25, 1996

MFG. Lycoming

MODEL 0-360-A1D

Serial No. L-7300-36A

Time in svc. _____



G & N AIRCRAFT, INC.

1701 East Main St., Griffith, IN 46319
 Telephone: (219) 924-7110

Dennis W. [Signature]
 Authorized Signature

C.R.S. #MW 2R020L

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	---

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE <u>0-360-A1D</u>	SN <u>L-7300-36A</u>	DATE <u>4-25-96</u>
P/N	S/N	S/N
MAG. <u>NONE</u>	PROPELLER <u>NONE</u>	
MAG. <u>NONE</u>	PROP.GOV. <u>NONE</u>	
ALT./GEN. <u>NONE</u>	TACH.GEN. <u>NONE</u>	
INJ./CARB. <u>10-4164-1</u> <u>75052811</u>	TURBO CHARGER <u>NONE</u>	
FUEL PUMP <u>LW-15472</u> <u>NEW</u>	WASTE GATE <u>NONE</u>	
STARTER <u>NONE</u>	CONTROLLER <u>NONE</u>	
VAC.PUMP <u>NONE</u>	CONTROLLER <u>NONE</u>	
DIS. VALVE <u>NONE</u>	REL.VALVE <u>NONE</u>	



G & N AIRCRAFT, INC.
1701 East Main St., Griffith, IN 46319
Telephone: (219) 924-7110

W.O. # 96-51043
Dennis W. [Signature]
Authorized Signature C.R.S. #MW 2R020L

DATE

19 _____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

AIRWORTHINESS DIRECTIVE

At date of engine overhaul _____ April 25, 1996

Engine model: _____ 0-360-A1D

Authorized Signature *Dennis M. Johnson*

AD & REV#	REV DATE	APPLIC. SB#	ONE TIME	RECURRING
63-22-03		297		
69-24-03		A1-69		
72-06-05R2	7-3-86	330A		
73-23-01		367F	X	
75-08-09		381B, 385C	X	
81-18-04	6-7-82	456F	X	
89-04-02		A1-88		
90-04-06R1	5-28-91	488A	X	
91-14-22		475B		X

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	------------------	-----------------------------	---

COMPLIANCE RECORD

S/N L-7300-36A W/O 96-51043

C/W complied with, P/C/W previously complied with, N/A not applicable.

CRS MW2R020L Dennis [Signature]

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	Factory Carb
	Factory Carb
	Factory Carb
	N/A by S/N
	N/A by S/N
	C/W new oil pump impellers installed
	Factory carb
overhaul prop strike sudden stop- page gear train reparir	T/B/C/W gov line not sent in
	C/W ,pd/ craml gear & check gear fit

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	------------------	-----------------------------	---

AIRWORTHINESS DIRECTIVE

At date of engine overhaul April 25, 1996

Engine model: 0-360-A1D

Authorized Signature *Dennis W. [Signature]*

AD & REV#	REV DATE	APPLIC. SB#	ONE TIME	RECURRING
92-12-05		501	X	
95-07-01		95-002	X	
//////////////////////END////////////////////////////////////				

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	---

COMPLIANCE RECORD

S/N L-7300-36A W/O 96-51043

C/W complied with, P/C/W previously complied with, N/A not applicable.

CRS MW2R020L *Dennis Meyer*

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	<u>C/W new piston pins installed</u>

SERVICEABLE PARTS TAG

AEROTECH

Date 02-19-96

BOWMAN FIELD
 2700 GAST BOULEVARD
 LOUISVILLE, KY 40205
 (502) 451-6140 - 800-634-0190 - FAX (502) 454-0502

Name of Component GENERATOR Part No. 1101915

Model No. 12VSDA S/N 6533

Manufacturer DELCO REMY

REMARKS _____

MAJOR OVERHAUL

Work Order No. 37059-2 Inspector *John C. Evans*

FAA Approved Repair Station PU4R453M

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>96</u>				<p>MAY 4, 1996 TACH 1840.75 TT 'O' SMOH. ENGINE INSTALLED IN N7872U AFTER MAJOR OVERHAUL. PROP GOVERNOR INSTALLED AFTER OVERHAUL BY AIRCRAFT PROPELLER SERVICE (TAG ATTACHED). INSTALLED OVERHAULCED GENERATOR (TAG ATTACHED) AND NEW MOUNT BRACKETS + BELT. FABRICATED + INSTALLED NEW OIL PRESSURE LINE, . . . FUEL PRESSURE LINE + FUEL PUMP INLET LINE MAGS + HARNESS HAVE 43 HRS TT. GROUND RUN + 1/2 HR TEST FLIGHT; ALL SYSTEMS OPS CHECK OK. Sandy Stegok AIP39600134</p>
JUNE 7, 1996				<p>TACH 1850.70 TT, 9.95 SMOH CHANGED OIL + FILTER. SERVICED WITH AEROSHELL 40WT. MINERAL. CLEANED + GAPPED SPARK PLUGS Stegok AIP39600134</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>96</u>				
AUGUST 14, 1996,	TACH 1876.83	TT 36.08	SMOH	CHANGED OIL & FILTER, SERVICED WITH AEROSHELL 50WT. MINERAL OIL. Sandy Stegzak A+P319600134
NOV. 2, 1996	TACH 1893.0	TT	52.25	SMOH. COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 76/80 2) 76/80 3) 78/80 4) 78/80. CHANGED OIL & FILTER, CLEANED SCREEN, SERVICED WITH AEROSHELL 40WT. DET OIL. CLEANED, GAPPED & ROTATED SPARK PLUGS. CHECKED MAG TIMING. CLEANED FUEL SCREENS. C/W AD 96-09-06 BY INSPECTION OF AIR FILTER GASKET & REPLACED FILTER. REPLACE FRAME BY 2350 TT. A.D.S CHECKED THROUGH 96-22. Sandy Stegzak A+P319600134 IA

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
FEB 10, 1997	TACH 1916.18	TT, 75.43	SMOH. COMPLIED	WITH AD 97-01-03 BY INSPECTION OF PISTON PINS PER SERVICE BULLETIN #527B. ALL PISTON PINS WERE MARKED 71238. REINSTALLED CYLINDERS WITH NEW BASE + PUSHROD SEALS + NEW INTAKE GASKETS. INSTALLED R675906 REAL VALVE COVER GASKETS. CHANGED OIL + FILTER, SERVICED WITH AEROSHELL 40WT. DET. OIL. GROUND RUN + LEAK CHECK O.K. Sandy Staogak A#P319600134
MAR 31, 1997	TACH 1950.25		109.5	SMOH. CHANGED OIL + FILTER. SERVICED WITH AEROSHELL 50WT. DET. OIL. Sandy Staogak A#P319600134

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection <small>Entries must be endorsed with Name of Technician or Repair Facility. (See back page)</small>
MAY 16, 1997	TACH 1982.88;	142.13	SMOH	CHANGE + FILTER, SERVICED WITH AEROSHELL 50WT DET. OIL. INSTALLED SPRING FOR EXHAUST PIPE SUPPORT. Sandy Stajzak A+P319600134
JULY 16, 1997	TACH 2026.0,	185.25	SMOH	CHANGED OIL & FILTER, SERVICED WITH AEROSHELL 50WT DET. OIL. RE-POSITIONED EXHAUST PIPE & REPLACED 2 SPRINGS FOR BALL JOINT. Sandy Stajzak A+P319600134
AUG 16, 1997	AD 97-15-11	PREVIOUSLY	COMPLIED	WITH AS AD 97-01-03 & 5B 527B. Sandy Stajzak A+P319600134

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Sept 9 1997	Tach 2059	TT	208.25 SMOH	Install Aero Electric Starter P/N M24222 ECH S/N 5062655 Tag in back. Howard Hunt ATP 350568543
Oct 16 1997	Tach 2085	TT	234.51 SMOH	Changed oil + filter. Serviced with Aeroshell 40w Det. oil. Run engine and leak check, OK. Howard Hunt ATP 350568543
Nov 13, 1997				REPAIRED WIRING FOR TANKS HEATER INSTALLED NEW TAS100 ELEMENT #1 CYL. (TAG IN BACK) INSTALLED PMT PLUG MOUNT. Sandy Stogok ATP 39600134
DEC 29 1997	TACH	TT	2098.73 257.98 SMOH	INSTALLED MID-CONTINENT INSTRUMENT RICHTER TEMPERATURE PROBE IN CARBURETOR, Howard Hunt ATP 350568543

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JAN. 2, 1998	TACH 2098.73	TT;	257.98	SMOH. COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) $76/80$ 2) $75/80$ 3) $78/80$ 4) $78/80$. CLEANED, GAPPED + ROTATED SPARK PLUGS. CHECKED MAG TIMING. REPLACED #2 OIL RETURN LINE + FITTING. REPLACED SPRINGS AT #4 EXHAUST BALL JOINT. INSTALLED REBUILT VACUUM PUMP. CLEANED FUEL SCREENS. ADS CHECKED THROUGH 97-26. I CERTIFY THAT THIS ENGINE HAS BEEN INSPELTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Sandy Stajak</i> AHP 319600134TH
FEB 28, 1998	TACH 2133.03,		292.28	SMOH CHANGED OIL + FILTER. SERVICED WITH AEROSHELL 40WT DET. GROUND, RUN + LEAK CHECK OK <i>Sandy Stajak</i> AHP 319600134

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
APRIL 27, 1998	TACH 2181.91	TT 340.16	SMDH.	CHANGED OIL + FILTER. SERVICE WITH AEROSHELL 50W AD. TIGHTEN DIPSTICK TUBE. GROUND RUN + LEAK CHECK, Howard Hunt AIP 350568543
AUGUST 25, 1998	TACH 2223.22	TT 381.47	SMDH.	CHANGED OIL + FILTER, SERVICE WITH AEROSHELL 50W AD. CLEAN, GAP, + ROTATE SPARK PLUGS, GROUND RUN + LEAK CHECK, OK. Howard Hunt AIP 350568543
OCT 6 1998,	TACH 2247.48	TT 405.73	SMDH.	CHANGED OIL FILTER. REMOVED THERMOSTATIC BYPASS VALVE, CLEANED T CHECKED OPERATION, OK. Howard Hunt AIP 350568543

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
FEB 13, 1999	TACH 2278.24;	437.49	SMOH	COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 77/80 2) 75/80 3) 77/80 4) 78/80. CHANGED OIL & FILTER, CLEANED SCREEN. INSPECTED FILTER & SENT SAMPLE FOR OIL ANALYSIS. SERVICED WITH AEROSHELL 40AD OIL. CLEANED, GAPPED & ROTATED SPARK PLUGS. CHECKED MAG TIMING. CLEANED FUEL SCREENS. CIW AD 96-09-06 BY INSPECTION OF FILTER FRAME & REPLACED AIR FILTER. ADS CHECKED THRU 99-03. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stogak AIP 396001347A
JUNE 10, 1999	Tach 2325.82	485.07	SMOH	Changed oil & Filter. Cleaned screen. Serviced with Aeroshell AD 50W. Cleaned, Gapped, tested, & rotated Sparkplugs Run engine, Leak check, OK. Howard Hunt AIP 350583543

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
June 30, 1999	Tach 2382.45		541.7 SMOH	Changed oil + filter. Serviced with Aeroshell AD 50W. Replaced all Spark plugs with new champion REM 38E. Run engine + leak check, ok. Howard Hunt ATP 350568543
N7872V Engine Log Entry				
Oct 13, 1999	Tach 2433.28			Changed oil + filter, Service with Aeroshell AD 80, Run Engine, leak CK, OK. Howard Hunt ATP 350568543

DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MARCH	11, 2000	TACH	2473.47 TT, 632.72 SMOH	COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 77/80 2) 74/80 3) 77/80 4) 77/80. CHANGED OIL + FILTER, SERVICED WITH AEROSHELL 40 AD OIL. REPLACED #2 + #4 INTAKE GASKETS. CLEANED FUEL SCREENS. CLEANED, GAPPED + ROTATED SPARK PLUGS. CHECKED MAG TIMING. REPLACED AIR FILTER. ADS CHECKED THROUGH 2000-05. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stojak A+P 319600134IA

TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-----------	---------------	-----------------------	---

July 6, 2000	Tach 2515.47; 674.72 SMOH.		Changed oil + filter. Serviced with Aeroshell 50 AD oil. Checked all cylinder Valve clearances. Replaced #3 cylinder Push rod. Replaced all push rod tube seals. Removed both magnetos for inspection by UofI. Yellow tags in back of book. Re-installed both magnetos, set timing, checked all ignition leads, + cleaned, gapped, tested, and rotated all sparkplugs. Replaced #4 cylinder intake hose + gasket. Removed carburetor for inspection by Dr G Supply. Yellow tag in back of book. Re-installed carburetor. Adjusted idle mixture. Run engine. Leak + Op's check, OK. Howard Hunt 350568543
--------------	----------------------------	--	---

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certificate No., Technician or Repair Facility. (See back pages for other specific entries)
Sept 6, 2000 3-9-01	Tach 2558:83 2602		718.08 SMOH	<p>Changed oil + filter, Serviced with Aeroshell AD 100, Run engine + leak ck, OK. Howard Hunt AIP 350568543</p> <p>Cleaned Plugs & Installed New Slick Magneto Model No. 4347 SN 0081254 Run of Mag check 50RPM Each Mag Fed Aviation Co. Lab. 361349508</p>
MARCH 27, 2001	TACH 2604.4	TT;	763.65 SMOH	<p>COMPLETE ANNUAL INSPECTION. COMPRESSION: 1) 76/80 2) 76/80 3) 74/80 4) 78/80. CHANGED OIL + FILTER, CLEANED SCREEN, SERVICED WITH AEROSHELL 80A.D. OIL. CLEANED FUEL SCREENS. CLEANED, GAPPED + ROTATED SPARK PLUGS. CHECKED MAG TIMING. REPLACED AIR FILTER. ADS CHECKED THRU 2001-06. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>Sandy Stoyak AIP 319600134IA</p>

DATE 20 19 01	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
July 5,	2001 Tach 2621.24 TT;	780,49 SMOH.		Changed oil + filter. Serviced with Aeroshell AD100 w 8gts + champion CH48110. Removed oil cooler PIN 8526250 for overhaul by United Accessory. 8130-3 in back of log book. Removed oil filter Adapter and checked vernatherm operation. Op's check, OK. Reinstalled with new gaskets. Run engine and leak check, OK. Howard Hunt A+P 350568543.

Engine Log Entry 7872V

- August 13, 2001 Tach 2639.7
- Replaced starter with overhauled
- Prestolite M24222 S/N 6090082
- by Aerotech of Louisville, Inc. 8130-3
- in log book. Op's ck, OK.
- Howard Hunt A+P 350568543

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Jan 8, 2002	Tach 2669.4			Changed oil + filter. Serviced with Aeroshell AD 40W + CH48110 filter. Run engine leak ck, OK. Howard Hunt AIP 350568543
APRIL 8, 2002	TACH 2679.64	TT	838.89	SMOH COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 76/80 2) 76/80 3) 76/80 4) 78/80. CHECKED MAG TIMING, CLEANED, GAPPED, + ROTATED SPARK PLUGS, REPLACED 1. REPLACED AIR FILTER. CLEANED CARB SCREEN + REPLACED GASKET. ADS CHECKED THROUGH 02-07 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Sandy Stueck AIP 319600454 IA

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
June 6, 2002	Tach 2714.63	TT	873.88	SMOH. Changed oil + filter. Cleaned screen. Serviced with Aeroshell AD100W. Run engine + leak check, OK. Howard Hunt ATP 350568543
JULY 29, 2002	TACH 2760	TT	919.88	SMOH. Changed oil + filter. Serviced with Aeroshell AD100. Run engine + leak check, OK. Howard Hunt ATP 350568543
Sept 30, 2002	Tach 2817.0	TT	976.88	SMOH. Changed oil + filter. Serviced with Aeroshell AD80W. Run engine + leak check, OK. Howard Hunt ATP 350568543
Mar. 21, 2003	Tach 2859.79	TT	1013.67	SMOH. Changed oil + filter, Cleaned screen. Serviced with Aeroshell AD80W. Run engine + leak OK, OK. Howard Hunt ATP 350568543

DATE 19 <u>2003</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MAY 9, 2003	TACH 2868.9	TT, 1028.15	SMOH	COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 75/80 2) 76/80 3) 74/80 4) 77/80. CLEANED GAPPED + ROTATED SPARK PLUGS. ADJUSTED MAG TIMING. REPLACED HOSE FOR # 2 OIL RETURN. CLEANED CARB SCREEN + REPLACED GASKET. REPLACED AIR FILTER. ADS CHECKED THROUGH 03-09. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stageak A+P 3196001341A
July 14, 2003	Tach 2900.3			Changed oil + filter. Serviced with Aeroshell 11 8qts AD 100 W. Run engine + leak ck, ok. Howard Hunt AIP 350568543

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2003				
August 30, 2003	Tach 2945.6			Changed oil + filter, cleaned screen. Serviced with 8qts Aeroshell AD 50W. Run engine + leak ck, OK. Howard Hunt AP350568543
OCT. 3, 2003	TACH 2990.08			CLEANED LOWER SPARK PLUGS + REPLACED ONE. REMOVED ACCESSORY CASE PLUG + INSTALLED FITTINGS FOR OIL SEPARATOR RETURN LINE. Sandy Staszak AIP 319600134
Dec 3 2003	Tach 2994.01			Changed oil + filter. Serviced with 8qts Aeroshell AD 80W. Cleaned lower plugs. Run engine + leak ck, OK. Howard Hunt AP350568543
April 19, 2004	Tach 3038.85			Changed oil + filter. Serviced with 8qts Aeroshell AD 100W. Run engine leak ck, OK. Howard Hunt AP350568543

DATE 2004 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JUNE 11, 2004	TACH 3061.58; 1220.83	SMOH	COMPLETED	ANNUAL INSPECTION. COMPRESSION: 1) 74/80 2) 74/80 3) 75/80 4) 76/80. CLEANED, GAPPED + ROTATED SPARK PLUGS. ADJUSTED L+R MAG TIMING. REPLACED ALL INTAKE HOSES + GASKETS. CLEANED CARB SCREEN. REPLACED AIR FILTER. ADS CHECKED THROUGH 04-12. GROUND RUN, OPS + LEAK CHECK OK. I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stupak AWP 3196001341A
July 7 2004	Tach 3075.93			Changed oil + filter. Serviced with 8qts Aeroshell AD100W. Run engine + leak ck, OK. Howard Hunt AWP 350568543

airworthiness
aircraft maintenance
log flown.

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

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

JULY 7, 2004 TACH 3075.93 INSTALLED NEW SLICK IGNITION
 HARNESS #M4004. GROUND RUN, OPS CHECK OK
 Sandy Stogak A+P319600134

August 23 2004 Tach 3118.46 Changed oil + filter, cleaned screen.
 serviced with 8qts Aeroshell AD100. Cleaned bottom
 plugs. Run engine + leak ck, OK. Howard Hunt A+P350568543

Nov. 9, 2004 Tach 3160.18 Replaced starter with overhauled Prestolite
 MZ-4222 by Aerotech of Louisville, Inc. ^{SP A401127} 8130-3 attached
 this page. Run engine Ops. ck, OK.

Dec 20, 2004 Tach 3164.86; 132% Usmott. Changed oil + filter. Serviced
 with 8qts Aeroshell AD80. Cleaned bottom spark plugs.
 Run engine + leak ck, OK.. Howard Hunt A+P350568543

DATE 19 <u>2005</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries.)
MARCH 1, 2005	TACH 3196.05			INSTALLED NEW SUK 4347 MAG ON LH POSITION. SER# 0412 0997. GROUND RUN, OPS + LEAK CHECK OK. Jimmy Saszak A/P 319600154
APRIL 5, 2005	Tach 3209.14			Changed oil + filter. Cleaned screen. Serviced with 8 qts Aeroshell AD 100. Run engine + leak ck, OK. Howard Hunt A/P 350568543
APRIL 19, 2005	Tach 3227.33			Cleaned, gapped, tested, + rotate spark plugs. Howard Hunt A/P 350568543
JUNE 2, 2005	Tach 3264.48			Changed oil + filter. Serviced with 8 qts Aeroshell AD 100. Cleaned, gapped, tested, + rotate spark plugs. Run engine + leak ck, OK. Howard Hunt A/P 350568543

Agency under:
WO-62331
2-7-05

G & N
LOGGING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

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

July 21, 2005 Tach 3271.7. Replaced #3 cylinder with overhauled cylinder by G & N Aircraft, Inc. Yellow tag this page. Replaced all exhaust gaskets. Changed oil + filter. Serviced with Aeroshell 100 mineral oil. Cleaned, gapped, tested, and rotated spark plugs. Cleaned carb, fuel screen.
Howard Hunt AIP 350568543

JULY 21, 2005 TACH 3271.7 TT, 1430.95 SMOH COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 74/80 2) 74/80 3) X 4) 74/80. CHECKED MAG TIMING. INSPECTED #3 CYL INSTALLATION & EXHAUST SYSTEM. ADS CHECKED THROUGH 05-14. GROUND RUN, OPS + LEAK CHECK OK. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
Sandy Steorak
AIP 3196001341A

DATE 2005 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
August 22, 2005	Tach 300.23			Replaced all spark plugs with Champion REM 32BY. Run engine, OK. Howard Hunt AP350521573
SEPT. 13, 2005	TACH 3330.2		1489.45	SMOH. CHANGED OIL + FILTER, CLEANED SCREEN. SERVICED WITH AEROSHELL 100 AD OIL. GROUND RUN, OPS + LEAK CHECK OK. Sandy Staggak AP3196001341A
Nov. 29, 2005	Tach 3379.17			Changed oil + filter. Serviced with 8gts Aeroshell AD 80. Cleaned bottom plugs. Run engine + leak ck, OK. Howard Hunt AP350565542
May 2, 2006	Tach 3427.8			Changed oil + filter. Cleaned screen. Serviced with 8gt Aeroshell AD100. Replaced #4 cylinder oil return line + hose. Replaced #3 cyl. oil return hose. Replaced AN bolts + springs exhaust tailpipe. Torque crankcase bolts. Run engine leak ck, OK. Howard Hunt AP350568543

DATE 2006 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
JUNE 7,	2006 TACH	3441.96 TT	F7666A-2	HARTZELL PROP SER# C/H40057B. INSTALLED PROP GOVERNOR AFTER RESEAL BY AIRCRAFT PROPELLER SERVICE (TAG ^{IN A/C LOG} ATTACHED) ADJUSTED FOR 2700 RPM. GROUND RUN, OPS+ LEAK CHECK OK. NEW WEIGHT+BALANCE IN AIRCRAFT RECORDS. EW 1647.02 EWCG 45.53 Sandy Stagak A+P319600134
AUGUST 17, 2006	TACH	3470.7;	1629.95	SMOH COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 74/80 2) 74/80 3) 76/80 4) 76/80. CLEANED, GAPPED + ROTATED SPARK PLUGS. CHECKED MAG TIMING. CLEANED + RE-OILED AIR FILTER. CLEANED CARB SCREEN. ADS CHECKED THROUGH 06-16. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION Sandy Stagak A+P319600134IA

DATE 10 <u>2006</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Aug 25, 2006	Tach		3481.8	Changed oil + filter, cleaned screen. Serviced 8qts Aeroshell AD 100. Run engine + leak ok, ok. Howard Hunt AIP 350568543
Sept 30 2006	Tach		3535.77	Changed oil + filter. Serviced with 8qts Aeroshell AD 80. Run engine + leak ok, ok. Howard Hunt AIP 350568543
Jan 8, 2007	Tach		3585.09	Changed oil + filter. Serviced 8qts Aeroshell AD 80. Run engine + leak ok, ok. Howard Hunt AIP 350568543
June 22 2007	Tach		3638.73	Changed oil + filter, cleaned screen. Serviced with 8qts Aeroshell AD 100. Wash engine. Run engine + leak ok, ok. Howard Hunt AIP 350568543

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p> SEPT 4, 2007 TACH 3654.0 TT. 1813.25 SMOH COMPLETED ANNUAL INSPECTION. COMPRESSION: 1) 74/80 2) 76/80 3) 76/80 4) 76/80. CLEANED GAPPED + ROTATED SPARK PLUGS. ADJUSTED RH MAG TIMING. SECURED HOSE CLAMPS FOR OIL RETURN LINES. CHECKED EXHAUST SYSTEM. GROUND RUN, OPS + LEAK CHECK OK. ADS CHECKED THROUGH 07-17. I CERTIFY THAT THIS ENGINE HAS BEEN INSPELTED IN ACORDANCE WITH AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Sandy Stegok A#P3196001341A </p>

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------	---------------------------	------------------	-----------------------------	---


This document is the property of the manufacturer and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the manufacturer.


A/C Model Mooney M20C
 S/N 2835
 REG. NO. N7872V
 Eng. Mfg. Lycoming
 Eng. Mod: 0-360-A1D
 Eng. S/N L-7300-36A

Gibbs Service Center
 Montgomery Field, San Diego, CA 92123
 FAA Approved Repair Station # VT3R931L

Date 09/11/07
 W.O. # 13218
 Tach 3673.18
 Hobbs —
 AirFrame —

T.E.T. — SMOH —

The aircraft and / or component identified above was repaired / replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Details of the repair / replacement are on file at this agency under Work Order number 13218
 Date 09/11/07 Signature 

Jeff Runyon 

Removed right magneto S/N 94030344. Installed factory new magneto, P/N 4370, S/N 07051695, using new gaskets. Timed to engine, set internal timing on left mangeto, timed to engine. Runup Ok. No leaks.

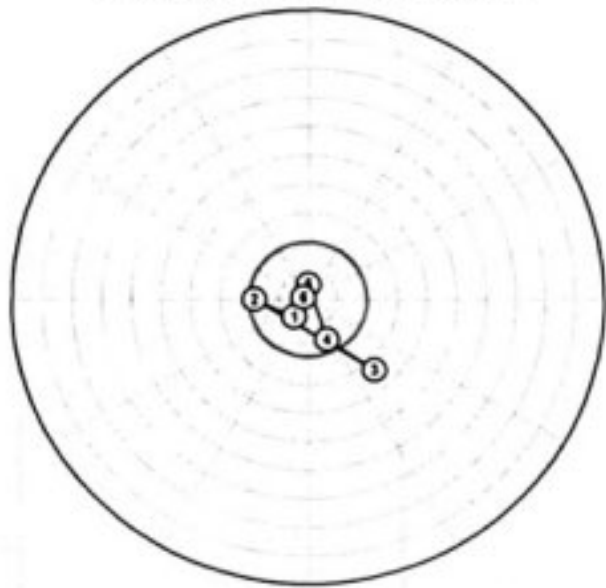
9-18-07	TACH 3685.1;	1844.35	SMOH	CHANGED OIL + FILTER. SERVICED WITH AEROSHELL 100W. GROUND RUN, OPS + LEAK CHECK OK Sandy Stogak A#P319000134
---------	--------------	---------	------	---

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------	---------------------	---------------	-----------------------	--

19

ENGINE/PROP DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 B dated Feb 07, 1992 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .077 @ 2291 rpm reduced to .019 IPS @ 2317 rpm by installation of AN hardware balance weights on spinner rear bulkhead. 10.04 grams @ 210 degrees and 9.38 grams at 330 degrees.
 Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N7872V Mooney M20C 2835 3719.0 Hrs
 Lyc IO 360
 HP 2300 RPM
 MicroVib II SN:1177 Cal:08/01/2007
 Initial: 0.077 IN/S @ 2290.8 RPM Final: 0.019 IN/S @ 2316.8 RPM

Oper: *Jim Barker*
 Date: 10/29/2007 Jim Barker A&P 2755069

DATE 19 <u>2007</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Nov. 9, 2007	Tach 3722.24	22.24		Changed oil + filter, Serviced with 8qts Aerushell AD 80. Wash engine. Run engine + leak ck, OK. Howard Hunt ADP 350568543
1-15-08	Tach 3760.0			100 Hrs This date + time changed oil + filter Aerushell 100w CW AD 2004-10-14 prop Strike Applied gear Bolt + lock Tab. Comp! $\frac{124}{50}$ $\frac{124}{50}$ $\frac{124}{50}$ $\frac{124}{50}$ ck Exhaust, mottled + centity, This Engine has been forgotten J.A.W. An Annual + determined to be in Air Airworthy Condition This Date + Time. C. Paul W. Turner ADP 402722559 FA.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<div data-bbox="651 236 1108 448" data-label="Image"> </div> <div data-bbox="853 328 1384 411" data-label="Text"> <p>ANDERSON REGIONAL AIRPORT</p> </div> <div data-bbox="685 448 1003 491" data-label="Text"> <p>January 14, 2011</p> </div> <div data-bbox="1189 448 1447 491" data-label="Text"> <p>Tach: 3876.84</p> </div> <div data-bbox="1480 448 1697 491" data-label="Text"> <p>Hobbs: N/A</p> </div> <div data-bbox="1720 411 2123 491" data-label="Text"> <p>TSMOH: 2036.09</p> </div> <div data-bbox="685 496 1200 584" data-label="Text"> <p>Engine Lycoming O-360-A1D N7872V</p> </div> <div data-bbox="1653 496 1977 539" data-label="Text"> <p>Ser# L-7300-36A</p> </div> <div data-bbox="674 588 2123 1062" data-label="Text"> <p>Performed an ANNUAL Inspection IAW FAR 43Appendix "D". Compressions: #1-78/80 #2-78/80 #3-78/80 #4-74/80. Changed oil and Filter CH48110-1. Serviced engine with 8Qts. AS100. Old filter cut open no metal noted. Replaced all 8 spark plugs REM38E. Removed, disassembled, cleaned and inspected both Mags. Left Mag serial # 04120997 points M3637, M3081 and carbon brush M3215 replaced. Right Mag serial# 07051695 points M3637 and carbon brush M3215 replaced. Internally timed both mags and reinstalled on engine@ 25 degrees BTDC .Ran engine no defects noted. AD2009-26-12 N/A by no Eci cylinders installed at this time. I certify that this Engine was inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.</p> </div> <div data-bbox="685 1067 1391 1110" data-label="Text"> <p>PAUL S RIDGEWAY A&P2790364IA</p> </div> <div data-bbox="1413 991 1839 1118" data-label="Text"> </div>

DATE 2011 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/5/10	3869.20			Replaced Battery with New Gill G-35 Battery Tach Time 3869.20
04/02/11	3909.90			Changed oil and Filter CH48110-1 Serviced engine with 7Qts ASW100 Leak check good.

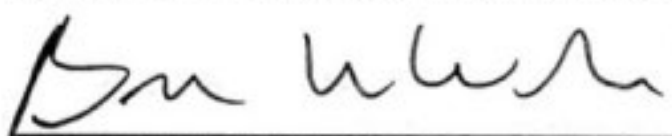
DATE
2011
12

DATE 12/07/2011

TACH: 3957.67

TSMOH: 0

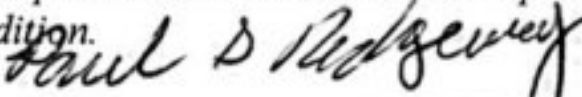
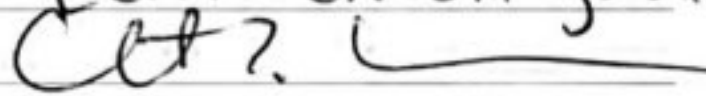
THIS LYCOMING ENGINE MODEL O-360-A1D SN L-7300-36A MAJOR OVERHAULED THIS DATE IN ACCORDANCE WITH LYCOMING O/H MANUAL PN 60294-7. ENGINE WAS DISASSEMBLED, CLEANED, AND VISUALLY INSPECTED. THE FOLLOWING ITEMS WERE SENT OUT FOR INSPECTION AND CERTIFICATION: CRANKCASE, CRANKSHAFT, CAMSHAFT, CONNECTING RODS, CAM FOLLOWERS, HYDRAULIC UNITS, CRANKSHAFT GEAR, ALL INTERNAL STEEL AND OIL COOLER. SEE YELLOW TAGS ON ALL CERTIFIED ITEMS. CYLINDERS ARE NEW ECI TITAN COMPLETE ASSY PN AEL65102. CYLINDERS WERE ASSEMBLED BY ECI. SEE 8130-3'S AND ASSEMBLY TAGS FOR CYLINDER INFO. ENGINE WAS ASSEMBLED WITH ALL NEW: MAIN AND ROD BEARINGS, ROD NUTS AND BOLTS, ALL INTERNAL HARDWARE, OIL TEMP CONTROL VALVE, OIL PRESSURE CONTROL SPRING, SPARK PLUGS, IGNITION HARNESS, AND ALL LOCKING TABS AND WASHERS. CARB WAS OVERHAULED AT THIS TIME. ENGINE WAS INSTALLED WITH NEW MOUNTS. ENGINE WAS SERVICED WITH AEROSHELL 100 STRAIGHT MINERAL OIL AND TEST RUN WITH ALL INDICATIONS GOOD. ALL A.D.'S COMPLIED WITH AT THIS TIME. THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS FOUND TO BE AIRWORTHY.....END



BRUCE MCWHORTER A&P 562199228
 HEART OF TEXAS AIRCRAFT ENGINES, INC.
 877-597-2306

01/02/2012	398034	TSMOH	22.67 Changed oil and filter CH48110-1 Serviced engine with 7 Qts AeroShell 100w Straite mineral oil
Oct 7.			

DATE 2012 18	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
April 1, 2012	4000.00			Replaced Battery with New Gill 635
April 11, 2012	4006.44			Changed Oil and Filter CH48110-1 Serviced engine with 6.5 Qts Aeroshell w100. Break-in of New engine complete. Serviced Air Filter.
TSMOH →	48.77			(owner) Clt 7. C
June 12, 2012	4043.72			Changed oil and filter CH48110-1 Serviced engine with 6.5 Qts Aeroshell w100. Leak check good
TSMOH →	86.05			(owner) Clt 7. C

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<div data-bbox="779 255 1236 475" data-label="Image"> </div> <div data-bbox="974 354 1518 438" data-label="Text"> <p>ANDERSON REGIONAL AIRPORT</p> </div> <p data-bbox="481 475 817 518">November 9, 2012</p> <p data-bbox="952 475 1198 518">TACH:4072.5</p> <p data-bbox="1332 475 1624 518">TSMOH:114.83</p> <p data-bbox="481 523 1064 566">N7872V Lycoming O-360-A1D</p> <p data-bbox="1411 523 1780 566">Serial# L-7300-36A</p> <p data-bbox="481 571 1937 901"> <i>Performed an ANNUAL Inspection IAW FAR 43 Appendix "D". Compressions: #1-78/80 #2-79/80 #3-78/80 #4-78/80. Oil filter removed and cut open no metal noted. New oil filter installed (CH48110-1). Induction air filter removed, cleaned, inspected and recharged using Challenger Air Filter Instructions 4003. Replaced oil filler tube gasket (72059). Installed two missing valve cover screws on #3 and #4 covers. I certify that this engine was inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.</i> </p> <p data-bbox="504 906 1108 949">Paul S Ridgeway A&P2790364IA</p> <p data-bbox="1131 853 1713 949">  </p>
April 07, 2013	410623			<p>Changed oil and filter CH48110-1</p> <p>Serviced engine with 6.5 qts.</p> <p>Aeroshell W100. Leak check good.</p> <p>(owner) </p>

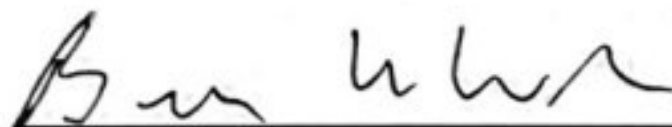
DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	---

DATE 03/01/2014

TACH: 4140.35

TSMOH: 182.68


THIS LYCOMING ENGINE MODEL O-360-A1D SN L-7300-36A WAS INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION. ENGINE WAS TEST RUN WITH ALL INDICATIONS GOOD. OIL FILTER WAS REMOVED AND CHECKED FOR MEATL WITH NONE FOUND. ENGINE WAS SERVICED WITH AEROSHELL W100. CYLINDER COMPRESSIONS ARE #1 78, #2 80, #3 77, AND #4 79. ALL WERE CHECKED AT 80PSI. SPARK PLUGS WERE CLEANED AND MAG TIMING WAS CHECKED. THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS FOUND TO BE AIRWORTHY.....END



BRUCE MCWHORTER A&P 3690658

Feb. 24 2015	4161.3	—	4161.3	C/w ANNUAL INSPECTION of eng. Checked compression #1. 75/80 #2. 77/80 #3. 73/80 #4. 76/80. Checked magneto timing to eng. Changed oil and Filter. Serviced eng. with 8qt. Aeroshell 100WT oil and CH48110-1 filter. ^{C/w RWL F10W ICA} INSPECTED exhaust system. Inspected over all condition of eng. and accessories and found it to be in airworthy condition for return to
TSMOH	203.6			

TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
✓ →		<p>service.</p> <p>DATE <u>Feb. 24-2015</u> T.T. IN SERVICE <u>4161.3</u> AD'S CHECKED THRU: <u>15-04</u> I CERTIFY THAT THIS <u>ENG.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>David Behm</u> NUMBER: <u>A&P 2804926 I & A</u></p>



ANDERSON REGIONAL AIRPORT

March 18, 2016 **TACH: 4210.33** **TSMOH: 252.66**
N7872V **Lycoming 0-360-A1D** **Serial# L-7300-36A**
 Performed an ANNUAL inspection IAW FAR 43 Appendix D. Compressions: #1-78/80 #2-78/80 #3-78/80 #4-78/80. Changed oil and filter CH48110-1. Serviced engine 7Qts Aeroshell 100W. Old filter cut open no metal noted. I certify that this Engine was inspected IAW an ANNUAL inspection and was determined be in an airworthy condition. *Paul S Ridgeway*
Paul S Ridgeway A&P2790364IA

July 21, 2016
 Mooney M20C
 N112KD
 Performed an OIL and FILTER CHANGE on this date. Serviced with 7qts Aeroshell W100 oil and a CH48110-1 oil filter. Filter cut and inspected with no particles noted. Engine cleaned, test run and leak checked with all conditions being normal.
Christopher A. Maxwell
 Christopher A. Maxwell A&P28467741A

Tach: 4239.01

N7872V

ENGINE

TSMOH: 311.01

RTT: 4268.68

April 3, 2017

Alterations
(te Number of
pecific entries.)

Completed annual inspection using checklist ref: FAR 43, App D.
Compressions: 1-78, 2,75, 3-75, 4-74/80 psi Drained oil and serviced with 7 qts Aeroshell 100W,
removed filter and installed new CH48110-1 oil filter. Cleaned, gapped, inspected and reinstalled spark
plugs. Inspected intake and exhaust systems. Checked magneto to engine timing. Inspected all fuel and
oil lines. Inspected starter, alternator and engine compartment wiring. Inspected carburetor, throttle
shaft and engine control cables. Inspected airbox and cleaned air filter. Inspected engine accessories
for security and function. Inspected propeller governor and control cable. Inspected propeller and
spinner. Inspected engine mount and firewall. Completed post-inspection operational check; all oil
pressures, temp, engine operation and mag drop-normal.

**I CERTIFY THAT THIS ENGINE WAS INSPECTED IAW AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION**

MATTHEW ADAMS A&P 2709715 IA

Matthew Adams

May 4, 2018	4300.9	—	4300.9	C/W ANNUAL INSPECTION OF ENG. per MOONEY Form 0100. Checked compression #1. 70/80 #2. 76/80 #3 #4. 75/80. Installed #3 cyl. from J+J PIN LW-122127 NI. Cylinder repaired by J+J w/0 75470-08. Cylinder ground ran and test Flown per J+J Air Parts, Inc. Break in procedure. Changed oil and filter. Serviced
TSMOH	343.3			

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>eng. With 8 qts. Aeroshell 100 straight mineral oil and a CH48110-1 filter. Cleaned, gapped, and rotated spark plugs. Installed all new exhaust gaskets P/N 77611. Inspected over all condition of Eng. and accessories. Eng. found to be in airworthy condition for return to service. A.D. 17-16-11, Lyc. connecting rods, N/A by S/N of Eng and Eng. O/H date.</p> <p>DATE <u>May 4, 2018</u> T.T. IN SERVICE <u>4300.9.</u> AD'S CHECKED THRU: <u>18-09</u> I CERTIFY THAT THIS <u>ENG.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>David Behren</u> NUMBER: <u>ASP 2804926 I & A</u></p>

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	---



ANDERSON REGIONAL
AIRPORT

June 27, 2018

Tach: 4324.78

Engine:
N7872V

Performed an Oil and Filter change on this date. Serviced with 8qts Aeroshell AS100W and a CH48110-1 oil filter. Filter cut and inspected. Engine cleaned, test run and leak checked with no discrepancies noted. Aircraft returned to service.

Christopher A. Maxwell
Christopher A. Maxwell A&P2846774IA

Precision Static Testing Livermore, CA
 FAA Certified Repair Station #QJAR856X
 PHONE: (925) 449-5904 FAX (925) 449-6081

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 20k feet. Time: 4366.76
 W/O# 15862 N 7872V
 Inspected by [Signature] Date 4/4/19

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	---

Date: 4/12/19

Tach: 4366.7

TTE: 4366.7

NorCal Aviation Services

2502 John Montgomery Dr

San Jose CA 95148

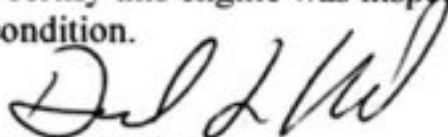
Model: O-360-A1D

S/N: L-7300-36A

SMOH: 409.03

Performed differential compression test: #1) 69/80, #2) 76/80, #3) 76/80, #4) 77/80. Cut and inspected oil filter. Checked for oil contaminants & found to be satisfactory. Cleaned, gapped and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Phillips 20w50 oil.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.


A&P 36069601A

9/14/19	4396.45 TSMOH →	438.78	4396.45	CHANGED ENGINE OIL + FILTER. SERVICED w/ 6.5 QTS. PHILLIPS 20w-50 OIL + 8oz. CAM GUARD ADDITIVE. INSTALLED NEW CHAMPION CH4811Ø-1 FILTER. REMOVED 8 CHAMPION REM38E SPARK PLUGS. INSTALLED 8 NEW TEMPEST UREM38E SPARK PLUGS w/ ANTI-CEASE AND TORQUED. RAN ENGINE AND OBSERVED NO LEAKS.
---------	--------------------	--------	---------	--

Iron Crane / OWNER

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/1/20	4420.87 TSMOH	463.20	4420.87	DRAINED ENGINE OIL + REMOVED FILTER. INSTALLED, TORQUED, + SAFETY TIED NEW TEMPIST AA8110-1 OIL FILTER. ADDED 6.5 QTS PHILLIPS 20W-50 OIL w/ 8OZ. CAM GUARD ADDITIVE. Iraa Coa / OWNER

Date: 2/21/2020

Tach: 4420.89

TTE: 4420.89

NorCal Aviation Services

2502 John Montgomery Dr

San Jose CA 95148

Model: O-360-A1D

S/N: L-7300-36A

SMOH: 463.49

Removed right and left magnetos. Completed 500 hour inspection. Reassembled both magnetos with new contact breakers and new distributor gears with monel contacts in accordance with Slick SB1-15A. Reinstalled and reset timing to 25 degrees BTDC. This engine approved for return to service.


A&P 3606960

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-----------------	---------------------------	------------------	-----------------------------	---

Date: 4/28/20

San Martin Aviation Corp.

Model: O-360-A1D

Tach: 4421.87

13025 Murphy Ave.

S/N: L-7300-36A

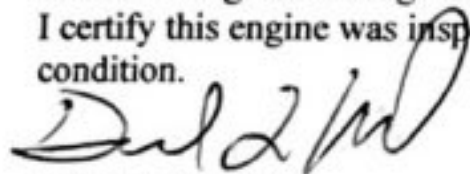
TTE: 4421.87

San Martin CA 95046

SMOH: 463.77

Performed differential compression test: #1) 38/80, #2) 74/80, #3) 78/80, #4)74/80. Lapped #1 exhaust valve and reinstalled. Ground ran and re-checked compression. Found #1 70/80. Cut and inspected oil filter. Checked for oil contaminants & found to be satisfactory. Cleaned, gapped and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Phillips 20w50 oil and Camguard.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 3606960IA

Date: 9/4/20

San Martin Aviation Corp.

Model: O-360-A1D

Tach: 4427.29

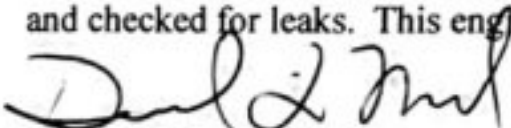
13025 Murphy Ave.

S/N: L-7300-36A

TTE: 4427.29

San Martin CA 95046

Removed propeller governor. Removed governor mounting studs, cleaned threads in accessory housing and reinstalled to correct depth. Reinstalled overhauled unit from Stockton Propeller (subbed to West Coast Governor Exchange). Ground ran and checked for leaks. This engine is approved for return to service.



A&P 3606960

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------	---------------------------	------------------	-----------------------------	---

Date: 2/10/21

San Martin Aviation Corp.

Model: O-360-A1D

Tach: 4431.23

13025 Murphy Ave.

S/N: L-7300-36A

TTE: 4431.23

San Martin CA 95046

SMOH: 473.13

Diagnose rough running engine. Performed compression check. Inspected cylinder #1 exhaust valve. Cleaned and gapped spark plugs. Drained contaminants from carburetor. Replaced carburetor with factory overhauled 10-4404-1 carburetor. Ground ran & checked operations. This engine is approved for return to service.

A&P 3606960

Date: 4/23/21

San Martin Aviation Corp.

Model: O-360-A1D

Tach: 4435.1

13025 Murphy Ave.

S/N: L-7300-36A

TTE: 4435.1

San Martin CA 95046

SMOH: 477.0

Performed differential compression test: #1) 70/80, #2) 78/80, #3) 78/80, #4) 79/80. Cut and inspected oil filter. Checked for oil contaminants & found to be satisfactory. Cleaned, gapped and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Phillips 20w50 oil and Camguard. Removed carburetor and replaced with factory overhauled MA4-5 10-4164-1 carburetor. Adjusted idle mixture and rpm.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

A&P 3606960IA

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
9/15/2021	4468.06		4468.06	DRAINED OIL + REMOVED OIL FILTER. CUT OPEN + INSPECTED OIL FILTER; NO ANOMALIES NOTED. INSTALLED + SAFETY TIED NEW TEMPEST AA4811-2 FILTER. ADDED 6.5 QUARTS PHILLIPS 20W-50 + CAMGUARD. GROUND RAN ENGINE; NO LEAKS NOTED. <i>Frank Crane / OWNER</i>
12/20/2021	4480.09		4480.09	DRAINED OIL + REMOVED OIL FILTER. INSTALLED + SAFETY TIED NEW TEMPEST AA48110-2 FILTER. ADDED 7QTS OF PHILLIPS VICTORY 20W 50 + CAMGUARD. GROUND RAN ENGINE; NO LEAKS NOTED. <i>Frank Crane / OWNER</i>

Date: 1/24/22
 Tach: 4488.49
 TTE: 4488.49

San Martin Aviation Corp.
 13025 Murphy Ave.
 San Martin CA 95046

Model: O-360-A1D
 S/N: L-7300-36A

Replaced right magneto with Surefly electronic ignition unit per STC SE04349CH. Installed per manufacturer's installation manual SF1002 rev. C. Form 337 prepared this date to reflect alteration. This engine is approved for return to service.

Daryl J. Hill
 A&P 3606960

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------	---------------------------	------------------	-----------------------------	--

Date: 5/2/22

San Martin Aviation Corp.

Model: O-360-A1D

Tach: 4507.04

13025 Murphy Ave.

S/N: L-7300-36A


TTE: 4507.04

San Martin CA 95046

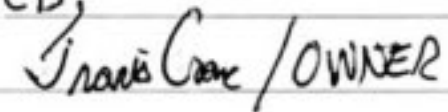
SMOH: 548.94

Performed differential compression test: #1) 56/80, #2) 77/80, #3) 76/80, #4) 77/80. Lapped exhaust valve on #1 cylinder and replaced valve rotator cap. Retested #1 compression after lapping and found 72/80. Cut and inspected oil filter. Checked for oil contaminants & found to be satisfactory. Cleaned, gapped, and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Aeroshell W100 engine oil and 8 oz. of Camguard. Replaced oil dipstick gasket. Performed ground run and checked for leaks.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 36069601A

10/9/22	4529.82		4529.82	DRAINED ENGINE OIL. ADD 6 QTS PHILLIPS 20w50 w/ 8 OZ. CAMGUARD. SERVICED CHALLENGER AIR FILTER. GROUND RAN ENGINE; NO LEAKS NOTED. <div style="text-align: right;">  / OWNER </div>

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 5/5/23

San Martin Aviation Corp.

Model: O-360-AID

Tach: 4559.63

13025 Murphy Ave.

S/N: L-7300-36A

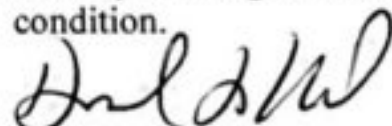
TTE: 4559.63

San Martin CA 95046

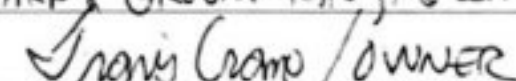
SMOH: 601.53

Performed differential compression test: #1) 75/80, #2) 76/80, #3) 76/80, #4) 75/80. Changed oil and filter. Cut and inspected oil filter. Checked for oil filter for contaminants & found to be satisfactory. Cleaned, gapped, and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Phillips 20W50 XC engine oil and 8 oz. of Camguard. Performed ground run and checked for leaks.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.



A&P 3606960IA

8/4/2023	4581.03			DRAINED OIL & REMOVED ENGINE OIL FILTER. INSTALLED & SAFETY TIED NEW TEMPEST AA48110-2 FILTER. ADDED 6.5 QTS PHILLIPS 20W50 + CAMGUARD. GROUND RAN, NO LEAKS.
				 Tony Crane / OWNER

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------	---------------------------	------------------	-----------------------------	---

Date: 11/3/23

San Martin Aviation Corp.

Tail: N7872V

Tach: 4605.77

13025 Murphy Ave.

S/N: 2835

TTA: 4605.77

San Martin CA 95046

Year: 1964

Removed propeller and spinner. Installed overhauled exchange propeller M/N HC-C2YK-1BFP, Blade 7666-2, Hub S/N NS5088B. Torqued and safetied per Hartzell recommendations. Performed ground run and operational check. This aircraft is approved for return to service.


A&P 3606960

11/3/23	4605.77			<p>DRAINED ENGINE OIL + REMOVED FILTER, INSTALLED + SAFETY TIED NEW TEMPEST AA48110-2 FILTER. ADDED 6.5 QTS PHILIP XC 20W50 + CAMGUARD. INSPECTED OIL FILTER MEDIA. NO METAL NOTED. GROUND RAN ENGINE; NO LEAKS NOTED.</p> <p style="text-align: right;">Frank Lane / OWNER</p>

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------	---------------------------	------------------	-----------------------------	---


Date: 5/7/24
Tach: 4623.77
TTE: 4623.77

San Martin Aviation Corp.
13025 Murphy Ave.
San Martin CA 95046

Model: O-360-A1D
S/N: L-7300-36A
SMOH: 665.67

Performed differential compression test: #1) 79/80, #2) 78/80, #3) 76/80, #4)74/80. Changed oil and filter. Cut and inspected oil filter. Checked for oil filter for contaminants & found to be satisfactory. Cleaned, gapped, and rotated spark plugs. Installed with 8 new M674 gaskets. Checked magneto timing. Serviced engine with 7 quarts Phillips 20W50 XC engine oil and 8 oz. of Camguard. Performed ground run and checked for leaks.

I certify this engine was inspected in accordance with an Annual inspection and was determined to be in airworthy condition.


A&P 36069601A

Propeller Logbook

FAA CERTIFIED REPAIR STATION # BNYR411D



PERFORMANCE AND QUALITY IN MOTION



- McCauley
- Hartzell
- MT
- Sensenich
- Dowty
- Hamilton Standard

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
is Required Per F.A.R. 91.417

Propeller Model HC-C2YR-1BFP

Blade Model F7666A-2

Hub Serial No. NS5088B

Blade Serial No. 1 D39193

2 E56914

3 _____

4 _____

5 _____

6 _____

SERVICE HISTORY



Abney Aircraft Propeller, LLC
106 Oak St
Crossett, AR 71635

Office phone: (870)305-1059

Date

Total Propeller

Time

W/O # 18-0316
10/16/2023

TSMO: 0
TTSN: UNKNOWN

Completed overhaul of this Hartzell propeller assembly M/N: HC-C2YR-1BFP, S/N: NS5088B in accordance with Hartzell Manuals 113B Rev 53, 133C Rev 44, 159 Rev 85 and 202A Rev 63. See 8130-3.

*C/W Hartzell AD2007-26-09 one time inspection and cold rolling of blade shanks.

*C/W All applicable Hartzell AD's, SB's, SL's and SI's through this date and time.

*Bi-weekly AD's checked through this date and time.

*Blade M/N: F7666A-2, S/N's: D39193 and E56914.

CRS#8NYR411D

Signature 