Book II



ASA-SA-2

Aircraft Record General Informa	ation		
Manufacturer Mookey A	r wist Com	Model M2	o M
Serial 27 - 0132	R	Registration Number	N46BL
Date of Manufacture 1992			
Engine(s) currently installed:	77.0	MEIR	1 977/ /
Manufacturer Lycoming	Model 4	-540 -41 13 Se	rial L - 9336-61 A
Manufacturer	Model 43	3 1 c// 7 Se	rial
Propeller(s) currently installed:			-41
Manufacturer M c C Gul-y	м	odel 83 D32 (C 417
HUB Model			rial
Blade Model	Serial	Serial	Serial
Blade Model	Serial	Serial	Serial

R E	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterati Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entr		
	system; 4. I Install fire (207(D); 8. I AD 2004-10	4.3 E uel leak l Replace extinguis Repair F 0-14 prop	Engine 15. left wing; RH quick sher; 7. R RH gear d p strike, n	2723-3469 04/20/11 N46BL Hobbs 2094.3 28 TSMOH Prop 15.8 TSMO 2. Repair stall switch; 3. Install standby vacuum a drain; 5. Install new wing tip lens both sides; 6. Replace ELT battery Jan 12, ELT test per FAR 91-loor; 9. CW AD 2003-14-03 fuel pump torque; 10. CW no prop strike; 11. Repair auto trim servio.		
_	AP1856924	<u>41A</u>		William R. Bridges	-	
	-					

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)	r of
				1. Sandel heading wanders off intermittently, Also had a DG failure and than a Fluxgate msg. 2. Autopilot altitude hold intermittently inop. 1. Checked Flux detector and DG connectors and moved both units, could not duplicate the complaint. Removed Sandell SN3308 EHSI, it did not seem to be fully engaged with the rear connectors. Remounted SN3308 ensuring full connector mounting. System ground tests good. 2. Could not duplicate complaint. This aircraft has been repaired in accordance with current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order NoWOW04423	

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries mus	st be endorsed	etions, Tests, Repairs and A with Name, Rating and Certificate ity. (See back pages for other spe	e Number of
		2. Need March 1988 1989 1989 1989 1989 1989 1989 198	KN 64 DME. node operationed KFC 150 Pmed ground teed instructionsed Bendix/King 06. Unit is inside circuit breake the DME is wire ocated at the traceiver. The Comant CI-10 n accordance ack. Aircraft Eaircraft has	s Guide. der' on the Altitude P is normal. ilot's Guide # 00 st on Strikefinde on operation of KN 64 DME in talled in the righ er P/N 7277-2-3 ed to both existi top of the right re a audio output is 5 DME antenna with the manufa quipment List w been repaired	of-08377-0001. er, ground test god the altitude prese accordance with t radio stack. Cin mounted in the ri ng KX 155s, Nav adio stack that all wired to the DME was mounted on actures instruction as revised. Aircra	Bendix/King Install Manual # 006- cuit protection is provided by a Klixon ight circuit breaker panel and labeled 1 and Nav 2 and a "DME Select" lows the DME to be channeled from E input of the existing KMA 24 Audio the belly at station 100. CI-105 is as and is connected to the KN 64 aft weight and Balance was updated with current rules of the Federal	
8 ,		repa	ir are on file Signature	at this repair s	pate 8-12-1	Service. Pertinent details of the ork Order NoW04523 Sunrise Mountain Avionics 2830 N. Rancho Dr., Suite A Las Vegas, Nv. 89130 Repair Station SMCR379X	

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and A Entries must be endorsed with Name, Rating and Certificate Technician or Repair Facility. (See back pages for other spe	e Number of
		91.207 Checkee New Gil Defuele tank wit bottom. Leak che Changee IAW stai pully,s w cleaned and serv brake ho Reinstalle System. to pilot si	2116.7 NNUAL insp. IA (d) ELT function (e) All int./ ext. I (d) ELT function (e) All int./ ext. I (e) All int./ ext. I (f) All int./ ext. I	EGA Aviation Inc. 2634 Airport Dr. North Las Vegas, NV. 89032 (702) 683-7507 Airframe Logbook WO#731 5 Nov. 2012 TTAF: 2116.7 AW Mooney MM and checklist. Opened airframe for insp. C/Wed FAR ion check with no defects noted. ELT battery due date Nov. 2014. lights. Replaced pilot side overhead light, ops checked good. Installed by S/N G02735087 after servicing and charge IAW Gill instructions. Installed wing panels and serviced tank. No leaks noted on all portion of wing walk to reseal (2) top panel screws with 890 B2. In leaks noted. Change vac. filters with new B3-5-1 and RA 1J4-6. It ings to both L/H and R/H side. Repaired L/H cowl flap for clearance practices. Lubed all flight control hinges, rod ends, bell cranks and be. Jacked airframe and removed landing gear wheels. Removed, packed wheel bearings. Installed new tube to nose tire. Checked sures IAW MM and POH. Changed both L/H and R/H main gear from AVIALL HOSE SHOP. Changed both L/H and R/H brake linings. In new locking hardware. Installed brake calipers and bleed brake serviced brake res. as needed. Replaced missing int. panel hardware to laced missing hardware to glareshield. Replaced worn hardware to gl. C/W ed AD 98-24-11 Aileron Control link insp. with no defects	CONT

AR TRA	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN ERVICE	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Numbe Technician or Repair Facility. (See back pages for other specific entr	r of
Changed Z//6		O) hours in servicehever comes tir	noted Next on P/N with installed no letter "G" or installed no no defects in and side pausing approand Ship Shi JAW Moone	EGA Aviation Inc. 2634 Airport Dr. North Las Vegas, Nv. 89032 (702) 683-75 It due 100 Hrs. C/W AD 2003-14-03 Fuel pump insp. by visual with letter "M" no action needed. C/W Ad 2005-12-06 Mag impulse insp Bendix mags not action needed. C/W AD 2009-02-03 Fuel servo hex plug insp. by visual with a plug no action needed. C/W AD 2012-03-06C Fuel servo insp. by visual not action needed. C/W AD 2012-05-09 Tail trim pitch hinge insp. by visual with noted. All AD,s checked and C/Wed thru 12-10.Removed seats, floor carpet inels for recover and/or replacement. Work preformed by Aircraft Interior design eved material from The Mohawk Group Aviation Division with flame test report hape Custom Products, Inc. with flame test report. All components' reinstalled by M-20 MM and standard maint. practices. IFR/VFR cert C/Wed by Sunrise vionics 19 Oct. 2012. Next due Oct. 2014. Serviced O2 system to operating	
				AIRFRAME has been insp. IAW a ANNUAL insp. and has been determined airworthy condition. Lennie John Guerin 21483690 A/P IA	

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must b	n of Inspections, Tests, be endorsed with Name, Rating Repair Facility. (See back pag	g and Certificate Number of
ATE		limits. area be within li instrum I certif and ATC 91.413 ha Appendix The al This airc Federal A Pertinent Order No	and both Pitoton Repaired lead the left inits. Repaired lead the left inits. Repairement panel. State that the Altimater been performed and F. Intimeter (s) were craft has been reviation Regulation Regulation.	t and Static sy aking pitot syst sidewall. Pitot red leaking tee Static system I neter, Automatic a ests and inspection red and found to the tested to _20,00 repaired in accordance tions and is appro-	stems leak rate out of tem fitting in the wing root of system leak rate now to the autopilot behind the eak rate now within limits. Altitude reporting, Static systems ons required by FAR 91.411 and to comply with FAR Part 43,	es for other specific entries.)

YEAR	RECORDING TACH	EGA Aviation Inc.	Iterations Number of					
200		2634 Airport Drive						
ATE	TIME	N. Las Vegas, NV. 89032	ific entries.)					
	+	(702) 683-7507						
		Airframe logbook						
	-	3 Nov. 2014	-					
		N46BL WO# 1310						
	1	C/Wed ANNUAL insp. IAW Mooney M20M MM and checklist. Opened airframe for insp.						
		Changed ELT battery. C/Wed FAR 91.207 (d) ELT function check with no defects noted. ELT battery due date May 2017. Replaced L/H outbd. elevator static wick. Lubed all flight						
		control hinges, bell cranks, rod ends, pully,s. Serviced and charged main battery. Checked						
		all int./ ext. lights. Replaced (2) R/H outbd. glare shield light bulbs .Op,s checked good.						
		- II alber the check good. Tightened loose holf R/H OUIDG, COWI light lillings, I lillings						
		and defrost controls. On s checked dood, lightened loose						
		and the mater mount. On a checked good, lightened K/H lidb log elig boil, stop diffice						
		and and on I /U flan track fairing 2 nd from outpd. Stop drilled Stidii Clacks on N/11						
	+	den track fairings on 2 nd and 3 rd from outfol. Changed vac. System miles, man						
		flap track fairings on 2 nd and 3 rd from outbol. Changed vote: System meets the fuel filter with no defects noted. Jacked airframe and removed landing gear wheels.						
	1	Classed inco. and repacked wheel hearings. Changed K/H main tube, Itisdiled wifeels						
	1	With now locking hardware. Serviced tires IAW MM and PUH, Checked and Serviced brake						
		Dee no moded Deplaced D/H brake linings Repositioned L/H Drake nose on L/H main year						
		Oveled landing gear (6) times normal and (3) emergency with no delects noted. Removed						
		All I /U wing fuel tank namels to reseal fuel bay. Installed panels with new Pro Seal and						
		Soniced tank for leak check with no leaks noted at this time. Installed new attachment						
		hardware as needed to helly nan. C/Wed AD 2011-26-04 Fuel injector line insp. with no						
		defects noted at this time. All AD,s checked and C/Wed to date. Thru Nov. 2014. Post						
		maint. run up indicates all op,s normal and no leaks noted at this time.						
	-	I certify this AIRFRAME has been insp. IAW a ANNUAL insp. and has been determined to be						
		I certify this AIRFRAME has been insp. IAW a ANNOAL INSp. and has been determined to be in an airworthy condition.						
		Lennie John Guerin 21483690 A/P IA						
		Lanifal Hum						
	1							

TACH TIME	RDING TODAY FLIGHT		Entries must be endor	spections, Tests, Repairs and Alterates sed with Name, Rating and Certificate Number facility. (See back pages for other specific entrance)
MAKE: Moo MODEL: M2 S/N 27-013 REG NO: N WORK ORD AV1262-10-3	20m 2 46BL DER: 2014	Repair S 2830 N. I Las Vega	Mountain Avionics tation No. L90R473Y Rancho Dr. Suite A as, NV 89130 02-309-2200	DATE: 10/20/2014 A/C TSN: HOBBS: 2132.1
The Altimete		reporting, Static syste ith FAR Part 43, App	ems, and ATC transponder tests and in endix E and F.	spections required by FAR 91.411 and 91.413 have been
	ved for return to serv	SIGNED:	are an rile at this facility under the abo	work Order: AV1262-10-2014 Printed by EBis 3 (datcomedia.com)

/EAR	RECORDING	TODAY'S	EGA Aviation Inc.	ns
0	TACH	FLIGHT	2642 Airport Drive	
ATE	TIME	1	N. Las Vegas, NV. 89032	s.)
		+	(702) 683-7507	_
		1	Airframe logbook	
			N46BL WO#1808 1 Feb. 2016	-
		1	Tach:2146.3 TTAF2146.3	
			C/W ANNUAL insp. IAW Mooney M-20 MM and checklist. Opened airframe for insp.	
		1	Changed ELT battery. C/Wed FAR 91.207 (d) ELT function check with no defects	
			noted. ELT battery due date May 2017. Serviced and charged 2 GILL G-243 main	
		1	battery S/N,s G02913776 and G02912136 Checkedall int./ ext/ lights with no defects	
			noted. Repaired wiring to stand by compass, op,s checked good. Lubed all flight	77.00
			control hinges and rod ends. Removed O2 tank for Hydro check by CERTIFIED FIRE	_
			INC. Las Vegas, NV. Installed tank and rigged controls. Serviced tank for leak check	
			With no leaks noted at this time. Placarded landing light pulse switch, op,s checked	-
			good. Jacked airframe and Removed landing gear wheels. Cleaned, insp. and repacked	
			wheel bearings. Installed wheels with new locking hardware. Checked and serviced tires	-
			IAW MM and POH. Checked and serviced brake res. Insp. brake linings and calipers with	
			no defects noted. Lubed landing gear system IAW MM. Cycled gear (6) normal and (3)	_
		1	emergency with no defects noted. 4.11 and 4.13 due OCT. 2016. C/Wed AD 2003-14-03	
		-	fuel pump insp. with no defects noted. Next due 2246.3 C/Wed AD 2011-26-04 Fuel	-
		1	injector line insp. with no defects noted. Next due 2246.3. C/Wed AD 2015-19-07	
		+	fuel injector line insp. with no defects noted. Next due 2246.3 All AD,s checked and	
			C/Wed to date thru Feb. 2016. Post maint. run up indicates all op,s normal and no	
			Leaks noted at this time	100
*			I certify this AIRFRAME has been insp. IAW a ANNUAL insp. and has been determined to be	
-			in an airworthy condition.	
			Lennie John Guerin 21483690 A/P IA	
			Lennie John Guerin 21483690 A/P IA	
	N.		1	-
		ı		

YEAR 20 Date	RECORDING TACH TIME		rocker switch broken. placed Alt Field Split Rocker Switch. Ground test good.	nd Alterations icate Number of specific entries.)
		Fe 5	This aircraft has been repaired in accordance with rules of the ederal Aviation Regulations and is approved for return to service. Signature Date A & P No. 7-6-163663116	
	CHUEL THE 20 ANNUA NEXT D APRIL 2	17 L UE	THIS AIRCRAFT STATIC SYSTEM AND ALTIMETER WAS TESTED AND INSPECTED IAW FAR 43 APPENDIX E AND FAR 91.411 #1 ALTIM Bendix/King KEA-130 S/N N/A TESTED TO 20,000 FT #2 ALTIM N/A S/N N/A TESTED TO N/A ENCODER KEA-130 S/N N/A TESTED TO 20,000 FT THIS AIRCRAFT TRANSPONDER SYSTEM WAS TESTED AND INSPECTED IAW FAR 43 APPENDIX F AND FAR 91.413 #1 TRANSPONDER Honeywell KT-76A S/N 88746 #2 TRANSPONDER N/A S/N N/A ACFT ID: N46BL WORK ORDER: 4881 TACH/HOBBS: /2161.9 DATE: April 7, 2017 INSPECTOR ORDER April 7, 2017 Black Mountain Avionics CRS LVBR789X 702-294-1044 Boulder City, NV 89005	

RECORDING YEAR TACH 20 EGA Aviation Inc. TIME DATE 2642 Airport Dr. North Las Vegas, NV. 89032 (702) 683-7507 Airframe Logbook 17 April 2017 WO# 2528 N46BL TTAF: 2161.7 Tach:2161.7 C/W ANNUAL insp. IAW Mooney M-20 checklist and MM . Opened airframe for insp. C/Wed FAR 91.207 (d) ELT function check with no defects noted. ELT battery due date Jan. 2020. FAR 91.413/91.411 cert. C/Wed by Black Mountain Avionics under WO# 4881 next due April 2019. Serviced and charged main battery, installed and secured. Checked all int. and ext. lights with no defects noted. Lubed all flight control hinges, rod ends, bell cranks, and pully,s. Changed main and pressure reg. vac. filters. Removed main fuel filter and insp. with no defects noted. Reinstalled and secured filter for leak check with no leaks noted. Jacked airframe and removed landing gear wheels. Cleaned, insp. and repack wheel bearings. Installed wheels with new locking hardware. Checked and serviced tires IAW MM and POH. Lubed landing gear system IAW MM. Cycled landing gear (6) times normal and (2) times emergency with no defects noted. Removed R/H brake caliper and installed new "O "ring. Installed and bleed R/H caliper, op,s checked good .Checked and serviced brake res. as needed with MIL-H-5606. Checked landing gear tensions and found within limits. Found clock draining battery #1 . Disconnected clock from battery source till new clock installed. Advised owner. C/Wed AD 2003-14-03 Fuel pump insp. by visual with defects noted. Next due 2261.7 C/Wed AD 2011-26-04 Fuel injector line insp. by visual and checking condition of line clamps with no defects noted. Next due 110 hrs. C/Wed AD 2015 -19-07 Fuel injector line insp. by visual with no defects noted. Next due 110 hrs. All AD,s. checked and C/Wed to date. Aircraft detailed. Post maint, run up indicates all op,s normal and no leaks noted at this time. I certify this AIRFRAME has been insp. IAW a ANNUAL insp. and has been determined to be in an airworthy condition Lennie John Guerin 21483690 A/P IA - Lh Aus Lennie John Guerin 21483690 A/P IA

Iterations

Number of

sific entries)