N142MP

REPLACE ELT BATTERY BY:

MAY '10

## AIRFRANE LOG BOOK # 2



The Standard

AIRGRAFT

LQG

ASA-SA-T

Ircraft Record General Information	-
anufacturer	
Model // ) A contract of the c	
The state of the s	
gine(s) currently installed:	
nufacturer TCM	_
nufacturer Model 10-550-N	
nufacturer Model 10-550-N Serial 687920  Deller(s) currently installed:	
ufacturer McCaules Serial	
Model SA32C 416-C  Serial Model SA32C 416-C  Model G-NRC- 9  Serial Ve66008  Serial Ve66062  Serial Serial Serial Serial Serial Serial Serial	
e Model G-NRC- 9 Serial 7908 58	
Serial Ve66008 Serial Ve 66010 Serial Ve 66062 Serial Serial Serial Serial	
Serial Serial Serial	
Serial	

YEAR:	TOTAL	<b>Current Weight</b>	and Balance Ini	offication.	Remarks
2006	TIME IN SERVICE	Empty Weight	Empty C.G.		Daploced 60 Amp
DATE	2.11		41.98 in.	694.65 165	Replaced 60 Amp with 100 Amp A
Nov. 19	2019.44	2205.35/4	77:10	Todata -	
Sandon.					
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-					
				1 - 2 - 4 <u>3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 </u>	
i zenaste					
-					
			Tester		

PATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Fillies Hust be endorsed war really			
	7-/3-2006	477 St	Star Aero andau Hgr F ntonio, TX 78216	CRS No.LSZR252X Ph:210-979-6313	Date: 7-13-2006  Lone Star Aero 477 Sandau Hgr F San Antonio, TX 78216  N 1/9-M?  FAR 91.413		
l cer requ App thes	lired by FAR 91.4 lendix E. I found the se systems for return	11 have been nese systems um to service.	reporting equipm performed in acc to be in Airworthy	nent test and inspections cordance with FAR43, condition and approve	I certify that the ATC Transponder reporting equipment is required by FAR 91.413 have been performed in accordance and Appendix F. I found these systems to be in Almorthy conditions these systems for return to service.  Pertinent details of this Inspection are on file under Repair Service.		
Ord Sys	der No 3287-9 stem tested to 29	06-2006 0,000 fee	t. N36/93 SMN/A	Tested to 35,000 FT Tested to N/A FT FAA CRS#LSZR252X	Order No 3287 - 06-2006  Automatic Pressure Reporting System Tested to 2004  No. 1 Transponder: Model: 677 330 S/N84/0002  No. 2 Transponder: Model: 678 370 S/N 678  Date: 213-2006 Signature		

			Liggo Tosts, Repairs and Alterations	Repai
			Description of Inspections, Tests, Repairs and Alterations	topu
ECORDING	TODAY'S	TOTAL	DATE: 11/17/2006	
LOH CHARL	BUNKE		A/C TSN: 2019.4	-
MAKE: MO	ONEY	Lone St	al Piere	
MODEL: M	20L	Repair Stat	ion No. LSZR252X	
S/N: 26-002	23	177 Candai	Dd Hangar F	1
REG. NO: 1	N142IVIP	San Antoni	o. Texas /8210 03A	
WORK OR 3287-06-20	206	Phone: 210		
			oney Airframe Inspection Guide Checklist. Checked Flight controls for condition, security, proper travel and oney Airframe Inspection Guide Checklist. Checked Flight controls for condition, security, proper operation and rigging. Lubed Landing gear. Removed anding gear Components for condition, security, proper operation and rigging. Lubed Landing gear and lower longerons for the checked cabin tubular structure, spar, and lower longerons for the checked cabin tubular structure, spar, and lower longerons for the checked cabin tubular structure, spar, and lower longerons for the checked cabin tubular structure, spar, and lower longerons for the checked cabin tubular structure, spar, and lower longerons for the checked cabin tubular structure.	-
Airfram	e Entries		oney Airframe Inspection Guide Checklist. Checked Flight controls for condition, security, proper user and and another condition, security, proper operation and rigging. Lubed Landing gear. Removed anding gear Components for condition, security, proper operation and rigging. Lubed Landing gear. Removed anding gear Components for conditions, security, proper operation and repacked wheel bearings. Checked cabin tubular structure, spar, and lower longerons for any size. Adjusted preloads within	
Completes	Airframe Inspe	ection I/A/W Mod	oney Airframe Inspection Guide Checklist. Criecked in the properation and rigging. Lubed Landing geal. New John Standing gear Components for condition, security, proper operation and rigging. Lubed Landing geal repairings of the proper operation as the proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. Checked cabin tubular structure, spar, and lower longerons for arrings. Checked cabin tubular structure, spar, and lower longerons for arrings are properation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT batteries are good until arrings. In proper operation are good until arrings.	
Completed	hed flight contr	ols. Checked La	anding gear Components for condition, security, problems and the structure, spar, and lower longerons to arings. Cleaned and repacked wheel bearings. Checked cabin tubular structure, spar, and lower longerons witch for proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT stateries are good until witch for proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT stateries are good until witch for proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT stateries are good until witch for proper operation as per FAR Part 91.207 (d) (1-4), both checked ok. ELT stateries are good until witch per stateries and proper stateries are good until witch per stateries and proper stateries are good until witch per stateries and per stateries are good until witch per stateries are good until witch witch per stateries are good until witch per stateries are good until witc	
rigging. Lu	d checked tires	, brakes and be	arings. Cleaned and repacked wheel bearings. Order (1) (1-4), both checked ok. ELT batteries are good switchings. Cleaned and repacked wheel preloads within which for proper operation as per FAR Part 91.207 (d) (1-4), both checked on F391-53S Adjusted preloads within which for proper operation one connections for corrosion Installed left and right quick drains p/n F391-53S Adjusted preloads within which connections for corrosion Installed new o-ring p/n MS28775-224 in right brake caliper and bled system. Operation OK. 0.056° and 0.053° Installed new o-ring p/n MS28775-224 in right brake caliper and DNA Common State of the control of the contro	
Wileels all	checked ok. C	necked ELT/G s	witch for professor or corrosion Installed left and right quick dialities bridge caliper and bled system. Operation Ok.	
ALIG-2007	Recharged b	atteries and che	occurrence of 0.063" Installed new o-ring p/n MS28/75-224 Ingit to actuate at 71 MPH C/W Mooney SB M20-289 of	
limits Mai	ns 250 and 260	inlbs, Nose U.	whitch for proper operation as per FAR Part 91,207 (0) (10), (10), (10) and proper operation as per FAR Part 91,207 (0) (10),	
Installed r	new brake pads	p/n 066-105 an	icked connections for corrosion Installed left all full full trained by the caliper and bled system. Detailed new o-ring p/n Ms28775-224 in right brake caliper and bled system. Ms28289 on 0.56" and 0.063" Installed new o-ring p/n Ms28775-224 in right brake caliper and bled system. See Ms20-289 on derivers p/n 105-0200 Adjusted Airspeed safety switch to actuate at 71 MPH C/N/ Mooney SB Ms20-289 on drivers p/n 105-0200 Adjusted Airspeed safety switch to actuate at 71 MPH C/N/ Mooney SB Ms20-289 on drivers p/n Ms20-289-000 as per instructions Complete with Mooney Service Bulletin Ms20-289 on of the altimeter, ng Kit p/n Ms20-289-000 as per instructions Complete dies in State of the Ms20-289 on of the Ms20-289-000 as per instructions Complete dies in State of the Ms20-289-000 as per instructions Complete dies in State of the Ms20-289-000 as per instructions Complete dies in State of the Ms20-289-000 as per instructions Complete dies in State of the Ms20-289-000 as per instructions Complete with	
Aileron Ce	enter Link Glea	Deset	display settings on GNS430. Operation and AD 05 01-19 on the Garmin G 1 ASSO training of the display settings on GNS430.	
harware I/	AVVV KIL IIISLIG		Ear of 411 and FAR 91.415 Company of Mc20513-338 Replaced fitting of the	
transpond	ier and static s	popo bu Instal	led new fuel cap o-ring p/n wi329310 and the static drain, and replumbed all speed in PS232(E) s/n	
011-0045	5-00, S/N 64 100	eed indicator, s	erviced the alternate static source valve and the state of the state o	-
alternate	Removed	altimeter p/n 59	934PA-1 s/n 3G193 and remarks this time.	
SKATISS	h hi-weekly dat	ed 11-13-2006.	No new applicable AD's found at this time.  No new applicable AD's found at this time.	
1/ nnroac	11 61		A Mork Order	
IApproac			to be a was repaired and inspected in accordance with a referenced volk order	
IApproac The aircr	aft and/or com	oonent(s) identif	fied above was repaired and inspected in accordance with repair station under the referenced work order	-  -
The aircr	aft and/or compons and is appr	oonent(s) identif oved for return t	fied above was repaired and inspected in accordance that this repair station under the referenced work of as- to service. "Pertinent details of the repair are on file at this repair station under the referenced work of as-	
The aircr	ons and is appi	oonent(s) identif oved for return t	fied above was repaired and inspected in accordance that this repair station under the referenced work of as- to service. "Pertinent details of the repair are on file at this repair station under the referenced work of as-	
The aircr Regulation	ons and is appi	0,00	fied above was repaired and inspected in accordance to service. "Pertinent details of the repair are on file at this repair station under the referenced work order: 3287-06-20.  Work Order: 3287-06-20.	06 -
The aircr Regulation	ons and is appi	0,00	fied above was repaired and inspected in accordance to service. "Pertinent details of the repair are on file at this repair station under the referenced work order: 3287-06-20.  Work Order: 3287-06-20.	06 -
The aircr Regulation	ons and is appi	3	fied above was repaired and inspected in accordance to service. "Pertinent details of the repair are on file at this repair station under the referenced work order: 3287-06-20	06 -

R:	RECOR	MAINTENANCE RELEASE	Rep
/	MAKE MODH S/N: 2 REG WORH 3287-C  Airfra Comple rigging, wheels corrosic AUG-20 limits M Installed Aileron C harware transponi 011-0045 altimeter, alternate : SRA1133; IApproach	COMPONENT (It timelies SERIAL NO 3 17 19 19 19 19 19 19 19 19 19 19 19 19 19	est ————————————————————————————————————
	The aircraft and/or co Regulations and is an number."	omponent(s) identified above was repaired and inspected in accordance with current maintenance rules of the opposed for return to service. "Pertinent details of the repair are on file at this repair station under the reference of the repair are on file at this repair station under the	e Federal Aviation nced Work Order
	DATE: 11/17/2006	SIGNED: Les X surios Work	Order: 3287-06-2006 —
		Leo Sarinana Printed by EBi Certified Repair Station No. LSZR252X	s 3 (datcomedia.com)

YEAR:	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 Tests					
DATE				Facility. (See back pages for oth	ner specific entries.)			
	MAKE: MOC MODEL: M2 S/N: 26-002: REG. NO: N WORK ORD 3267-06-200	OL 3 142MP ER:	477 Sandau R	No. LSZR252X d Hangar F exas 78216 USA		ACTOR 200		
	Airframe Entrie		r and installed 100 erformance.	amp alternator IAW TCM parts catalog for	IO-550 and Mooney print L	SA-06-001 Ray IR. Ground to take		
	The aircraft a Regulations number."	and/or compone and is approve	ent(s) identified ab	ove was repaired and inspected in accorda vice. "Pertinent details of the repair are on fi	nce with current maintenan ile at this repair station und	ice rules of the Federal Amation er the referenced Work Droker		
	DATE: 11/1	7/2006	SIGNE	De Las Sains	ma	Work Order 3267-48-3388		
			Leo Sar Certified	inana d Repair Station No. LSZR252X	Pri	nted by EBis 3 (dattomedia com-		
						TON THE PARTY OF		

EAR:	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.)
ATE				and domy. (Good address of the control of the contr
	MODEL: S/N: 26-	0023 D: N142MP DRDER:	Repair Sta 477 Sanda San Anton	Star Aero DATE: 12/14/2006 A/C TSN: 2021.7 HOBBS: 2021.7 HOBBS: 2021.7 HOBBS: 2021.7 Diplomation No. LSZR252X Diplomation
	Remove		ooling fan p/n AK-	-950 s/n 952692 and Installed King KA33 Cooling fan p/n 071-4037-01 Replaced Manifold Pressure transducer.
	The airc Regulati number.	ons and is app	roved for return to	led above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation to service. "Pertinent details of the repair are on file at this repair station under the referenced Work Order  Week Order: 2403-13-2006
	Regulati number.	ons and is app	roved for return to	IGNED: Work Order: 3493-12-2006 Po Sarināna  Printed by EBis 3 (datcomedia.com)
	Regulati number.	ons and is app	roved for return to	IGNED: Work Order: 3493-12-2006
	Regulati number.	ons and is app	roved for return to	IGNED: Work Order: 3493-12-2006 Po Sarināna  Printed by EBis 3 (datcomedia.com)
	Regulati number.	ons and is app	roved for return to	IGNED: Work Order: 3493-12-2006 Po Sarināna Printed by EBis 3 (datcomedia.com)

TOTALIE ALL

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must	on of Inspections, Tes be endorsed with Name, F back pages for other spec	Ats, Repairs and Alterations Rating and Certificate Number of the diffic entries.)	
					nics Service Inc P.O. Box 1221 uckhannon, WV 26201		
		1		THE RESERVE THE PARTY OF THE PA	Model	Serial Number	
Re	gistration		Manufact		M20DL	26-0023	
insta	llation/oper	ational m	nanual p/n 2	200-070-001	2. 111010111	PS engeneering PMA7000s owling IAW AMM 71-10-01	
			or compontent( nd have been fo		Maintenance Release the jobs above have been re- return to service. Details are	paired and/or inspected in accordance of the file at Avionics Service Inc. under N	CRS#
Date	03/02/01	Ī	4 4				

3000

20134

Renistration

Top-top	46500 10an	The aircraft and or component identified on the reverse side was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.  Pertinent details of the repair are on file at this agency under Work Order:
Mark Who are and the structure of the state	saired wing	No. 041499-2158,2159 Date 4-14-99 Signed Paul & Joenne
-	WAI 91	
Toda a store a store a store	enre and (woo)	LAKE AERO STYLING & REPAIR 4725 Highland Springs Rd. Lakeport, CA 95453 — Phone (707) 263-0412
- British	2ch 2042.9	F.A.A. Approved Repair Station #NT3R722L

Sorial Mumber

SQOH

lahoM Buckhannon, WV 26201 P.O. Box 122:

Manufacturer

Avionics Service Inc.

# SERVIC

### LAKE AERO STYLING & REPAIR

4725 Highland Springs Rd.

Lakeport, CA 95453 — Phone (707) 263-0412 F.A.A. Approved Repair Station #NT3R722L

T.S.O. CUSTOMER DATE 4-14-99 A-C or ENG. NO. SERIAL NO. 041495-2158,2159 TIME IN SERVICE REINFORCED LINKS IAW FAA APVD/LASAR TYPE OF NO. PQ1208NM, ADDED PIN PREFIX MOONEY S.B. M20 - 264 NO LONGER APPLIES SERVICE P. LOEWEN MECHANIC

YEAR:	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 Facility. (See back pages for other specific entries.)
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#### Skymark Aviation LLC

P.O. Box 1221 Buckhannon, WV 26201

Registration	Manufacturer	Model	Serial Number
N142MP	MOONEY	M20L	26-0023

#### ACFT TT 2055

PERFORM ANNUAL INSPECTION I/A/W FAR PART 43 APPDX D. REPLACE RH MAIN TIRE & TUBE REPLACE RH TIRE. CHECK NOSE GEAR TRUSS BOLT TORQUE I/A/W STC SA3540NM. LUBRICATE A RF BATTERIES WITH WATER & TOP CHARGE. REPLACE RH LANDING LIGHT BULB. INSPECT & CLEAN FILTER. C/W FAR 91.207D ELT OPS CHECK & INSPECTION, DM ELT 6 S/N 130339E, REPLACE BATTER 2010. C/W AD 76-07-12 REV 07/03/01 IGN SWITCH OPS CHECK—GOOD. ALL AD'S C/W AND RESEARCH.

#### Maintenance Release

The Aircraft listed above has been repaired and/or inspected in accordance with current FAA regulations and the beautiful airworthy for return to service. Details are on file with Skymark Aviation LLC under work order number as

Date: May 06, 2008

Authorized Signature: 2

YEAR:	TAC TIN	PLAN	Tach 207			8/14/2009	cian or Repair	
		inspection of may 2010. technical re 6ply, Shield 501,55065- repair and i same repai	Performed an Annual inspection in accordance with CFR Title14 Part 43 Appendix D inspection checklist. Inspected ELT in accordance with CFR Title 91.207(d). Battery due may 2010. Inspected aircraft for hard landing in accordance with Mooney Service Center technical representative. Replaced the following parts with new, Rt tire Michelin Air 6x600 6ply, Shield 560253-001, 560253-000, shock disc 7ea J11968-14, Door 550065-501,55065-502, channel 55011-003, door 55060-001, 55060-002. Removed engine for repair and installed same TCM IO-550-n S/N 687920 (see engine log for repair). Installed same repaired prop McCauley 3A32C418C S/N 990858. I certify this Aircraft was inspected in accordance with an Annual inspection and was found to be in Airworthy					
		Brian Giver		17		IA234192624		
				*				

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YEA

P.O. Box 1221 Buckhannon, WV 26201

<b>DAT</b> Registration	Manufact	Buckhannon, WV 26201		
N142MP	- Haracturer	Model	Serial Number	
	Mooney	M20L	26-0023	Tach Time
power and grou	and at lighting control	Performed continu	26-0023 ity check of all annunciato	2059

power and ground at lighting controller. Verified dimming control grounds present at lighting and Replaced lighting controller P/N 950D0307-000 with new serial number 054 and ops checked a

#### Maintenance Release

The aircraft and/or compontent(s) with respect to the jobs above have been repaired and or in accordance with current FAA regulations and have been found airworthy for return to service Details are on file at Skymark Avionics LLC. under W.O.08126 Date:8/21/2008 Authorized Signature:

CRS Y6KR1288

	SI	kymark F			The alt	timeter/Air	data	compo	nent		
		PO	D/N EQ	34PA-1	S/N 3G			G: Unite		Pos LI	H #1
	Manufactures	Horner	Altitude	Indicated	Altitude	Indicated	/	Press. Hg. In	Alt. Diff.	Ind. Diff.	Tol. Feet
Registration	Manufacturer		Feet	Actual	22000	Actual 21940	1	28.10	-1727	-1720	25
N142mP	Mooney	mz	-1000	-1000	25000	24950	/	28.50	-1340	-1350	25
I certify that the alti	meter and static systems	required	0	0			/	29.00	-863	-865	25
	uired by 91.413, have be		500	500	30000	29940	/	29.50	-392	-400	25
E and F.		.	1000	1000	35000	34920	/	29.92	-0-	0	25
#1 LH Altimeter Model 5	934PA-1	Serial N	1500	1500			/		531	520	25
	, /		2000	2000			/	30.50	893	880	25
#2 RH Altimeter Model 10	3000	3000			/	30.90		965	25		
1	ナクフへ		4000	4000				30.99	974	900	20
Transponder Model 67	1.330	Serial No	6000	5980			1/	Case	leak 100'	max -11	
Encoder Model 550 /2	20 XXA RS237	Serial No		T000	-	1	+	Hysteresis			
			8000	7980	-		1	% of	f Actu	ıal	
The altimeter was tested to	to <u>35,000</u> fee	t.	10000	9950			X	Scal	e dov	vn T	rol.
		2023	12000	11950		1	K	509	6 +1	0	75'
The Encoder data corresp	ondence was tested to <u>.35,0</u>		14000	13950			K	409		-	75'
		Mainte	16000	15940			$\vee$	After			30'
- A - A - A	1 18000	17940			/		1.0		0/10		
The Aircraft a	nd/or component(s) listed above ha Details on file a			19940			/		Complet		
	*	1					/			128B WO#	10003
Date: bruan/20,20	Authorized Signature:	Lenous	111	1			OIL	5 10N	NIZOD		

Sky	P.O. Box 188		
Manufacturer	Model	Serial Number	
MOONEY	M20L	26-0023	Ta
E. REPLACE RH TE POSITION PECTION, DM ELT 6 S/N 1303 PS CHECK-GOOD. ALL AD'S The Aircraft listed above has been r has	39E, REPLACE BATTERY PA S C/W AND RESEARCHED TH  Maintenance Release repaired and/or inspected in accorda	CK DUE AGAIN NOV-2012. C HRU 010/10 ATP.  Ince with current FAA regulations an	d d
	Manufacturer MOONEY  PECTION I/A/W FAR PART 43 E. REPLACE RH TE POSITIOI PECTION, DM ELT 6 S/N 1303 PS CHECK-GOOD. ALL AD'S	Manufacturer Model  MOONEY M20L  ACFT TT 2086  PECTION I/AW FAR PART 43 APPDX D. LUBRICATE AIRI E. REPLACE RH TE POSITION BULB. INSPECT & CLEAN PECTION, DM ELT 6 S/N 130339E, REPLACE BATTERY PA PPS CHECK—GOOD. ALL AD'S C/W AND RESEARCHED THE  Maintenance Release  The Aircraft listed above has been repaired and/or inspected in accordance has been found airworthy for return to see	P.O. Box 188 Horner, WV 26372  Manufacturer Model Serial Number MOONEY M20L 26-0023  ACFT TT 2086  PECTION I/A/W FAR PART 43 APPDX D. LUBRICATE AIRFRAME. SERVICE BOTH ACFE. REPLACE RH TE POSITION BULB. INSPECT & CLEAN ENGINE INDUCTION AIR FILT PECTION, DM ELT 6 S/N 130339E, REPLACE BATTERY PACK DUE AGAIN NOV-2012. OPPS CHECK—GOOD. ALL AD'S C/W AND RESEARCHED THRU 010/10 ATP.  Maintenance Release  The Aircraft listed above has been repaired and/or inspected in accordance with current FAA regulations are has been found airworthy for return to service.

TODAY'S

FLIGHT

RECORDING

TACH

TIME

YEAR:

TOTAL

TIME IN

SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technical

Facility. (See back pages for other specific entries.)

1 A desiration IIC

R:	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.)
E			0 0	refensional flux value connector. Performed mag at cal
In_	2096.3			1 1 1 Do was the war
	Sandel	SN330	8. Rype	I wiring in yoke (polot). No new fults noted at
ms.	-		10	What while his been beren
ul	FARS	al has	been de	domined to be in airworthy condition.
		× An		111
	1	Tach 209	6.3	5-11-2011 N142MP wires on autopilot interupt switch. Troubleshot
		~ 1 11	1	red K(107) and fillx valve withing and
	1	annuatio	ne Cleaned	and tensioned connectors and researcd. Was
		1:1- mata	1 arratam D	nerationly tested system, checks good.
		I certify t	hat this repa	ent manufacturers data, current FAR's and good
_		accordan	ce with curr	nd to be in airworthy condition.
		practice a	and was four	
			7/	5-11-11
	+	J. Eric I	<b>Hubbard AF</b>	P3450863 date
	1	ProAv A	ircraft Ser	vices LTD

EAR:	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 Technologies.) Facility. (See back pages for other specific entries.)
DATE		-		11/08/2011
4			Performed Annua 91 207(d), batter 2226.6. Service Replaced right o play. Replaced	Aircraft.M20L N#:142MP Tach: 2126.6 TT: 2126.6  al Inspection I/A/W CFR Title 14 Appendix D inspection checklist. Inspected ELT of the discrete dis
		+	Kevin Steele IA2706053	www.midatlanticaviation.com

			Kepairs and A	Number of Technician of	
			Description of Inspections, Tests, Repairs and A Entries must be endorsed with Name, Pating and Certificate	Number	Service of the least
			a wintion of Inspection Name Pating and	-	THE REAL PROPERTY.
		TOTAL	Description the endorsed will read	MP	THE OWNER OF THE OWNER,
TING	TODAY'S	TIME IN	Entries milis	1900	
CORDING	FLIGHT	SERVICE	a ACHRS 2147.0	ATIC	
CH	1.	SEIT	- 1202-246 ACTION	DTING AND STATIC	- 100
ME			DATE 60 -00 -042 AC HRS & 147.8	DERFORMED.	air
			- TIE ALTIME E A 441 HAVE	BEEN PER	Lati
	T	1	LOCERTIFY THAT THE ALUBED BY CFR 91.411	F1.	E 10
	254	1	SYSTEM TESTS REQUIRED BY CFR 91.411 TO SYSTEM TESTS WERE PERMORMED TO 30, 600		-
18 C 150	-		SYSTEM TO WERE PERIMONIAL	DATE	- 100
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-	1	1	SIGNED PRODUCTION INSPECTOR	197K	
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_			SIGNED INSPECTOR BAY AVIONICS, LTD. HM1R		
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		-		Jan 17	

MIYZMP Description of Inspections, Tests, Repairs and Alterations TODAY'S TOTAL Entries must be endorsed with Name, Rating and Certificate Number of Te RECORDING YEAR: TIME IN FLIGHT TACH 2012 Facility. (See back pages for other specific entries.) SERVICE F TIME CWAD 2012-05-09 UTSVAC Pen ME DATE 2156.2 April 12 \$8 20-3134 PARA (.1, 1.2, 1.3, 1.4, 1.8) 1.7, 1.8, 1.10, 1.11, 1.12, + 1.13 CORRECT STACK POSITION PAN From + Found No DeFegs Pen VISURE ON HOL BOUTS - AIRCRAFTRETURNES TO SERVICE John Bonlaw INSPECTOR FOR ATION, INC. CRS#IVIR104F MEMPORTMENS VA

YEAR: 20/2 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.)
626	2174.4	i izvoti		JNSTACCNEW 600-6 6Ply CONDON TIME LT. + RT. MAINS 5/N +5 1012\$ 00543/T - RT 5/N 0340\$00557 - NEW 500 x5 6Ply NUSE
	44.70	A.A.	hall is	+ RT. MAINS 5/N +5 1012500543/T - RT 5/N
	1	N BOOK	J. Salver	0340\$00557 - New SOOKS 6Ply NUSE
				The Compon SIN 1063\$ 00226 SERVICE
	24.24	The Par	has reigh	Time's PACH BRIS-INSTAUTION QUE + SAFETY
	Boris		JIOTAWA	wheels.
		N-30	0.700.00	John Bulling
Carly.	Due 6	and I	1514	RICK AVATION, INC. CRS#IMR104F
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YEAR:	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 Facility. (See back pages for other specific entries.)
8-15	2190.3	No Contract	S WAR	Removed war prob/Living &
XX 1	1 1	5 12 50	18613	Mil Banke Sys. Inspected Robert
	i • Cook	1961 "	500 KJ	Linite Dustilled NEW LINING/
	LOW BOS	Lace	65 700	ops object seed at lens
35535	2 4 50	MET	Sinke	INSPECTOR FOR
		1/4		RICK AVIATION, INC. CRS
113.7	031/67	WAS "	1	NEWPORT NEWS.
8-20	2191.6		laction.	INSTALL NEW CT. FRT. LANDING
2012		100		BUBS GBYS96 - OPS CHOL
				SERVIOL.
				INSPECTOR FOR
				RICK AVIATION, INC. CS

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YEAR:	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.)  Replace #   Rofery 6-243 f.  w
-27-12	2103.0	1 2 2		Chmqe
				Newport News, Virginia 23602

DATE	de	EA	3
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	q		
	-	4.	

RECORDING TODAY'S TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alternatives must be endorsed with Name, Rating and Certificate Name Facility. (See back pages for other specific entries.)

Date: 1/29/13; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 22274

Complied with annual inspection. Drain oil, added 8 qts. W100 Plus Shell oil. Removed and applications of the complete with annual inspection. filter. Run up engine, leak check ok. Lubricate aircraft, clean fuel screens, service battery and beautiful and be reservoir. Installed new left & right brake hoses, P/N: 111417ABB0380S. Service and bleed lend leak check ok. Jack aircraft, packed all wheel bearings, and cycled gear, ok. Removed and induction air filter, P/N: 600417-503. Installed new ELT battery. ELT battery due change: 3-200 ELT per FAR 91.207D, next test due 1-2014. Removed left & right Nav lens. Fit and installed lens. Left P/N: L020-210384-001. Right P/N: L020-210384-002. Installed new Comant. "L" band antenna. Ops check ok. Installed new right recognition lamp. Ops check ok. Installed new right recognition lamp. gasket, P/N: 649950 on #3 intake gasket flange. Run up engine, leak & ops check ok. Removed Speedbrake assemblies and sent to Precise Flight, Inc. for repair. Installed left & right Speedbrake assemblies after repair by Precise Flight, Inc. See FAA Form 8130-3 for repair data. Ops cheefee Installed new engine fuel & oil hoses per Mod Works IO-550 Engine conversion Instructions for Airworthiness (ICA). Run up engine, leak check ok. Hose P/N: 124F001-6CR0300, 124F001-6CR0000, 124F001-6CR0000, 124F001-6CR0000000, 124F0000000, 124F000000000000000, 124F00000000000000000000000 124F001-3CR0480, 124F001-4CR0160, 124F001-6CR0220, 124F002-4CR0141, 124F003-4CR0141, 124F00

Rick Aviation, INC. CRS Newport News, Virginia 2560

2013	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations N 142 m P Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	Date: 1/29	9/13; N14	2MP, Moor	ney M20L, S/N: 26-0023, Tach Time & Total Time: 2227.4
	Installed new left & fitting hir type. AD aircraft relonger in N111MM inserted in AFMS mand Mod Wo	new left & right Nange tail - p 2012-10-ecords for business. A, and S/N into Airplaissing. Rorks Inc. — M20L, N	Researched an longer in longer in 111MM, an aread in to A.	retainers Nav lamp, left P/N: 210385-005 & right P/N: 210385-006. Installed op down resistors. P/N: RH-50-7.5. Ops check ok. AD2012-05-09, trim omplied with on 4-12-2012. AD2012-03-06C, fuel servo, N/A by number & part number. Engine conversion IO-550 AFMS is missing. Researched FMS. Found company that installed this conversion – Mod Works Inc. – no dinternet and found AFMS available from owner on Mooney M20L, Procured AFMS from owner of N111MM. Verified correct document and Manual No. 2. VM1000 Vision Micro System Engine Monitoring System ircraft records for missing AFMS. Found company that installed this system – in business. Researched internet and found AFMS available from owner on d S/N: 26-0026. Procured AFMS from owner of N111MM. Verified correct irplane Flight Manual No. 2. Speedbrake 2000 Series conversion missing 37. Researched aircraft records for missing AFMS & FAA Form 337.    NSPECTOR FOR   Rick Aviation, INC. CRS IVIR104F   Newport News, Virginia 23602

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2013	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 Name Facility. (See back pages for other specific entries.)						
DATE	Date: 1/29/13; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 22274									
	holder for Manual N missing F. CD ROM records bi Navigation ICA and F via internet Created net Inspector in Approval of the control of the co	o.2. Inser AA Form from FAA nder. Inser n Display bilot's Gui t. Created w ICA fo for review of AFMS	icraft record like 2000 ser ted ICA doc 337. Resea A Aircraft R rted AFMS missing AF ide. Procure I new AFMS or review by pr/approval. I	com from FAA Aircraft Registration Branch. Copied as binder. Procured AFMS & ICA documents from Presseries STC. Verified correct document and inserted into Accument into the aircraft records binder. Auxiliary Fuel Teached aircraft records for missing FAA Form 337. Proceedings of the process						
				Newport News, Virginia 2						

2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> N/42mP Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)					
	Date: 1/29/13; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2227.4								
	Handbook Inspector. FAA FSD After FAA Inserted F. Fuel Tank Complied FAA Form (ICA). Rei Continued SN3308 Ir	from fact Created n O Inspect Field Ap AA Form s' inspect with Garr 1 337 date ference FA Airworth astructions	tory. Created the ICA for or for review oproval of Al 337 & ICA ion per Monmin GNS-530 d 5-7-2002. AA Form 33 iness (ICA).	sample documents from factory for AFMS & ICA. Procured Pilot's Inew AFMS and FAA Form 337 for field approval by local FAA FSDO review by local FAA FSDO Inspector. Gave above documents to local wapproval. Inserted Pilot's Handbook into Pilot Guide/Handbook binder. FMS & FAA Form 337: Inserted AFMS into Airplane Flight Manual No.2; into aircraft records binder. Complied with Monroy Aerospace Auxiliary roy Inspection & Maintenance Manual, page 24. No defects noted.  0 & GNS-430 Instructions for Continued Airworthiness (ICA). Reference Complied with Garmin GDL-49 Instructions for Continued Airworthiness 7 dated 11-8-2002. Complied with Garmin GTX-330 Instructions for Reference FAA Form 337 dated 1-10-2003. Complied with Sandel and Airworthiness (ICA). Reference Rick Aviation, Inc., Document with Ryan International 9900 Series TCAD Instructional for Continued Fick Aviation, INC. CRS IVIR104F Newport News, Virginia 23602					

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2013	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Albertains Entries must be endorsed with Name, Rating and Certificate
DATE	Date: 1/2	9/13; N14	12MP, Moo	ney M20L, S/N: 26-0023, Tach Time & Total Time
	Airworth Micro Sy (ICA). Ro Continen Inc., ICA Instructio 08059. Co Airworth & collare #1 alterna	iness (ICA estem VM eference F tal IO-550 Documer ons for Co omplied v iness (ICA d and place attor sense	A). Reference 1000/EC10 FAA Form 3 DN conversiont Number Intinued Air with LASAFA). Reference ard "Inop"; circuit brea	ce Rick Aviation, Inc., Document Number M11688-D  0 Engine Monitoring System Instructions for Continued 337 dated 8-16-2005. Complied with Mod Works, Inc. 338 ion Instructions for Continued Airworthiness (ICA).  MW8800-508. Complied with Precise Flight, Inc. 348 worthiness (ICA). Reference Precise Flight, Inc. 359 Iona Structure Struc

Aircell system circuit breaker pulled & collared and placard "Înop", per FAR 91.213.

Due inspection next annual inspection. Instrument panel previously placard "Aircell Descriptions".

Z013	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.)
1-29	2227.4		2227.4	FORM RAI-12  DATE: 13 ACTT. ENGIT: 271.8 PROP TT: 271.8 W.O. MILLERS  I CERTIFY THAT THIS (AIRCRAFT, ENGINE, PROPELLOR, OR APPLIANCE) MAS BEEN INSPECTED IN ACCORDANCE WITH A CHARACTE INSPECTION AND WAS DETERMINED TO BE AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.  UNDESCRIPTION INC. CRS. FIVIR 1045 NEWPORT NEWS. VA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Aberralian Entries must be endorsed with Name, Rating and Centical Facility. (See back pages for other specific entries.)
				Date February 25, 2013 Hours 2230.8 Make & Model Moones 1823 1824
		23017	S. Carl	GNS530, Serial #48405004, Part #011-00550-10.
				3.03 per Software Service Bulletin No. 0845 & No. 0552 #97109143, Part #011-00280-10; removed to shop, replaced software from 4.0 to Ver. 5.04 & GPS software from 4.0 to Service Bulletin No. 0844 & No. 0502. Returned both
	s same		2.08	operational checks OK.
	ST planes			This aircraft found to be airworthy with respect to the work work order #24023.
				Signed Inspector
				Bay Avionics, Ltd, CRS# HMIRI9**
				Programme and the second

N142mP

			* 3	NI42MP
YEAR: 2013	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.)
DATE				REMOVED AND REPLACED ALT FIELD SWITCH, WITH
15-2013	2231.0		1993 V.3	REMOVED HND KETCHENS 11.00 PLL 880052
	11-15	Special Land	Carlo II	NEW SWITCH FROM MOONEY AVIATION CO, P/Nº 880052
		1	1000	52- GROWN RUNUP AIRCRAFT AND SYSTEM
11.1				CHECKS SATISFACTURILY W.O. A5498
	Vert to	1 3 2		Willow P. Benk III
			-5 V	INSPECTOR FOR
			Total I	RICK AVIATION, INC. CRS#NIRTOF MEMPORT NEWS, VA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Albertains Entries must be endorsed with Name, Rating and Certificate Facility. (See back pages for other specific entries.)
4-5	2236.3			REMOVED BRAKE CYLINDERS LEW -
				colondos + Raphone Paris Re-
			- La	+ Installat in At. Blad backs =
	La o Di			nt leaks
14.8			0_n_	Rry same P. Ly by
				INSPECTOR FOR
		Mary Mary		RICK AVIATION, INC. CRS#IVIR104F NEWPORTNEWS, VA
			*	

YEAR:	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 Technicial Facility. (See back pages for other specific entries.)
DATE				

Date: 5/22/13; N142MP, Mooney M20L, S/N: 26-0023, Tach Time: 2257.0

Removed gear actuator and motor. Installed overhauled API actuator, P/N: 102000-3, S/N: 121 and overhauled motor, P/N: C145-250, S/N: 60990 and rig per Mooney 20L MM, Chapter 32-30-02. Cycled gear and ops check ok. Checked nose gear and left & right main gears preloads with the following: Nose gear, .068, Left & Right main preload torque, 256 inch lbs., per Mooney 20L MM, Chapter 32-30-01. Lubed actuator rod end and shaft per Mooney MM, Chapter 32-30-04. Cycled gear several times and down cycle with emergency extension, ok. Removed and replaced right main tire, Michelin P/N: 072-314-0, S/N: 2219S00455 and serviced per Mooney M20L service manual.

W.O. # M11807

INSPECTOR FOR

Rick Aviation, INC. CRS IVIR104F Newport News, Virginia 23602

Date: 5/22 ECERTIFICATE Feely Tracking Number 9809 ESS APPROVAL TAG Removed SERVICEABLE overhaul Lake Aero Styling and Repair 3-0412 05/16/2013 ACCEPTANCE TAG Date m)( Description (14th A 30 VOTTALLATION ON SERVICE 3,0003 BY MARICING P/N 17472-MSET SCREW LUCATION EATON . Amos chackes Mechanic Statum Softwa

DATE TIME	SERVICE	Entres must be end. See
6-7-13 2260.0		Facility. (See back pages for other specime.  REMOVED AND REPLACED LEFT STROBE FLORING OPS CHECKED CORNER.)
		GROWN OPS CHECKED SATISFACTORING REM
0		MID CONTINENT INTO
		WITH PITOT/STATU TEST STA
		NO LEAKS NOTEDA  PIN OFF: EASING COM
	+	PIN OFF: EA 5175 - 5PTL-MON SIN OFF: TO SIN ON: FA 5175 - 5 PTL-MON SIN ON:
		William P. Bink II
		RICK AVIATION, INC. CRS#IVIRTO45 NEWPORT NEWS. VA

YEAR: 2013 DATE 6-7-13	PECORDING TACH TIME	1. Approving National Aviation Authority/Country: FAA/UNITED STATES 4. Organization Name and Addre	6. Item: 7. Description:	1 - 1 - X	Approved design data and are the standard and are the standard and are the standard are the
			RICK	MSPECTOR FOR  AVIATION, INC. CRS#IVI  NEWPORT NEWS. VA	R1049

21 NOOR IN THE MALE STOCK IS THE MORE HORSE IN DROCK IS

AC MODEL: AC S/N:	M20L 26-0023	SPARKCHASERS  ——Aircraft Services, Inc.——AIRFRAME LOGBOOK ENTRY	TACH TIME: 2271.8  HOBBS: A/C REG. #: N142MP	f Technician or Repair
check was pe GNS530 Tran GNS530 Tran GNS530 Tran 3193663, dat checked and on file at Sp	rformed and disceiver P/N on sceiver	Transceiver P/N 011-00280-10 s/n 97109147, reject 8/8/2013. Verified correct configuration setting this #2 Comm/Nav/GPS System was found to fur 011-00550-10 s/n 78405004 and shipped to Gar 011-00550-10 s/n 78409619, inspected by Gar 011-00550	min. Installed Calling S.O.#	1

N142MP Tach 2277.4 AIRCRAFT MAINT. LOG ENTRY #1 GNS530 sn 78405004 was repaired by Garmin under RMA# 59510585. Reinstalled & combined Functional ramp test OK. The aircraft and/or components mentioned above have been recommendations. inspected in accordance with current Federal Aviation Regulations and found airworthy for meaning the second secon service. Details on file wo# 101796. Sparkchasers Aircraft Services CRS XSPR699K FAA CRS XSPR699K Thank You for Choosing Gamin! If you have any questions or concerns please do not hesitate to contact our customer service dep-

performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00364-00 Rev This "Certifies that the work specified in block 12/13 was carried out in accordance with EASA part-145 and in respect to that work and the work specified in block 12/13 was carried out in accordance with EASA part-145 and in respect to that work are the part of the par

This unit complies with MOD 5 per Gamin's Service Bulletin No. 0211 This unit complies with MOD 4 per Garmin's Service Bulletin No. 0207 This unit complies with MOD 3 per Garmin's Service Bulletin No. 0203B This unit complies with MOD 2 per Garmin's Service Bulletin No. 0101 This unit complies with MOD I per Gamin's Service Bulletin No. 0019

ZE KOOK OF DEED ON AND ALL EL BROK ZE

YEAR:	Date: 3/3/14; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2292.3  Complied with annual inspection. Drain oil, added 8 qts. W100 Plus Shell oil. Removed and replaced oil Removed and replaced oil Removed and replaced left main tire, P/N: 072-314-0, service filter. Run up engine, leak check ok. Lubricate aircraft, clean fuel screens, service battery and brake reservoir. Ops & leak check ok. Jack aircraft, removed and replaced left main tire, P/N: 072-314-0, service filter. Run up engine, leak check ok. Jack aircraft, removed and replaced and inspected induction filter, reservoir. Ops & leak check ok. Jack aircraft, removed and replaced ELT per FAR 91.207D, next test tire to 42 psi and repacked all wheel bearings, and cycled gear, ok. Cleaned and inspected induction filter, tire to 42 psi and repacked all wheel bearings, and cycled gear, ok. Cleaned and inspected induction filter, reservoir. Ops check olimping stronger of the service of the	ir
	and replaced tail strobe light, P/N: 01-07 No. Removed left & right Speculation and replaced tail strobe light, P/N: 02-0250276-03. Ops check ok. Removed left & right Speculation after repair by Precise Flight, Inc. Secondary Pietron 202-0250276-03. Ops check ok. Complied after repair by Precise Flight, Inc. Secondary Pietron 202-0250276-03. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair. Installed left & right Speedbrake assemblies after repair by Precise Flight, Inc. Secondary Pietron 202-0250276-03. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Fuel Tanks' Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Auxiliary Flight, Inc. for repair data. Ops check ok. Complied with Monroy Aerospace Flight, Inc. for repair data. Ops check ok	

Date: 3/3/14; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2292.3

Reference FAA Form 337 dated 11-8-2002. Complied with Garmin GTX-330 Instructions for Complete Complet Airworthiness (ICA). Reference FAA Form 337 dated 1-10-2003. Complied with Sandel SN3300 Instructions for Continued Airworthiness (ICA). Reference Rick Aviation, Inc., Document Number M11688-B. Complied with Ryan International 9900 Series TCAD Instructional for Continued Airworthiness (ICA). Reference Rick Aviation, Inc., Document Number M11688-D. Complied with Micro System VM1000/EC100 Engine Monitoring System Instructions for Continued Airwork in the Con (ICA). Reference FAA Form 337 dated 8-16-2005. Complied with Mod Works, Inc., Mooney Management of the Complete Works and Complete Works. Continental IO-550N conversion Instructions for Continued Airworthiness (ICA). Reference Mod West Inc., ICA Document Number MW8800-508. Complied with Precise Flight, Inc., 2000 Series Specific Instructions for Continued Airworthiness (ICA). Reference Precise Flight, Inc., ICA Document No. 08059. Complied with LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With Lasar Nose Gear Truss Oversized Bushing Service Kit Instructions for Complete With Lasar Nose Gear Truss Oversized Bushing Service With Lasar Nose Gear Nose Ge Airworthiness (ICA). Reference FAA Form 337 dated 8-16-2005. #1 alternator field circuit breakers & collared and placard "Inop", per FAR 91.213, paragraph D, 3, ii. Due inspection next annual inspection

> Rick Aviation, INC. CRS IVIR 144 Newport News, Virginia 23602

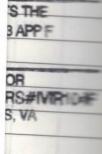
R: RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations  Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair  Eacility (See back pages for other specific entries)
#1 alternation ii. Due instantion Aircell synthematics.  Due inspection in the control of the co	tor sense of spection in stem circulation nex are the section next are the section nex are the section next next next next next next next nex	circuit breaker part annual instantial insta	ker pulled & collared and placard "Inop", per FAR 91.213, paragraph D, 3, inspection. Placard instrument panel "ALT 1 Field & Sense Deactivated". pulled & collared and placard "Inop", per FAR 91.213, paragraph D, 3, ii. spection. Instrument panel previously placard "Aircell Deactivated".  INSPECTOR FOR Rick Aviation, INC. CRS IVIR104F Newport News, Virginia 23602  ROLL APPROVED FOR RETURN TO  Balance  ECTOR FOR INC. CRS. MATIO4F HIT NEWS. MA

	Į	1	Form RAI-6G
RICK AVIATION, INC.	JC.	7	CRS# IVIR104F
ATC	TRAI	ATC TRANSPONDER TEST	SST Molles
MODE & Address : 501254771	. 501	122438	
DATE: 3-7-2014   WORK ORDER: 145557	ORK OF	RDER: ASSS	N#: /22.27
AIRCRAFT MAKE & MODEL: Mer 15	DEL:	Morney made	20
AIRCRAFT OWNER: 6887 HALL	887		
TRANSPONDER MAKE & MODEL: Barm, 677-330	& MOI	DEL: Gamm 677	330 S/N: 84100823
MODE A CODES:		MODE C CODES:	ODES:
TRANSMITT FREQUENCY:		TRANSMI	TRANSMITT POWER.
(1090 MHZ +\- 3 MHZ)	1029.7	*See FAR 43	*See FAR 43 Appendix F(d)* 225
R	ECEIV	RECEIVER SESITIVITY	
(-73 dbm +	+/- 4 dbm)	(-73 dbm +/- 4 dbm) *LESS THAN 1 dbm DIFFRENCE*	RENCE*
MODE A: - 73	-	MODE C:	-73 ~
SLS OPERATION:	I	IDENT OPERATION:	ION:
FRAMING PULSES:		INTERROGATION WINDOWS:	N WINDOWS:
(Pulse Spacing)	0	(Decoder Limits)	1

Verify transponder manufacturers specifications for make and model.

Set up test equipment per manufacturer's instructions.

	07	17/1				
Hysteresis:			Error	InHg.	Alt. Diff	Reading
Check Point (50%)	4%0		+/- 75 Ft.	28.10	-1727	-2/30
Check Point (40%)	- 20		+/- 75 Ft.	29.00	-863	-1250
After effect error	0/+	_	+/- 30 Ft.	29.92	0+531	-390
Static System Leak rate	99	>	Fpm +/-100	30.90	+893	7505



nd Alterations cate Number of

WAS CHEDSE

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Date: 8 Remov	8/7/14; N1 wed left whag. Reline	42MP, Mooneel brake c	oney M20L, S/N: 26-0023, Tach Time: 2325.4  ylinder, removed piston, and clean brake assembly. Installed piston with new ylinder. Reinstalled brake cylinder. Serviced brakes. Ops & leak check ok.  W.O. # M12172  INSPECTOR FOR  Rick Aviation, INC. CRS IVIR104F  Newport News, Virginia 23602

T.		•	N142mP
YEAR: RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteracons Entries must be endorsed with Name, Rating and Certificate Number Facility. (See back pages for other specific entries.)
Date: 4/1	/15: N142	2MP, Moon	ney M20L, S/N: 26-0023, Tach Time & Total Time: 2354.1
Complie filter. Ru reservoir service t wheel be ELT bat Monroy 24. No	d with ann up enging. Ops & ire to 42 pearings, and tery due continued defects no hings (IC)	nual inspect ine, leak check leak check osi. Remove and cycled go change: 9-20 ce Auxiliary ted. Compli-	tion. Drain oil, added 8 qts. W100 Plus Shell oil. Removed and reck ok. Lubricate aircraft, clean fuel screens, service batter, ok. Jack aircraft, removed and replaced right main tire. Placed and replaced nose tire, P/N: 072-312-0, serviced tire to also ear, ok. Cleaned and inspected induction filter, due on control of the control of

	N142mP
EAR:	Date: 4/1/15; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2354.1
ATE	Reference FAA Form 337 dated 11-8-2002. Complied with Garmin GTX-330 Instructions for Continued Airworthiness (ICA). Reference FAA Form 337 dated 1-10-2003. Complied with Sandel SN3308 Instructions for Continued Airworthiness (ICA). Reference Rick Aviation, Inc., Document Number M11688-B. Complied with Ryan International 9900 Series TCAD Instructional for Continued Airworthiness (ICA). Reference Rick Aviation, Inc., Document Number M11688-D. Complied with Vision Micro System VM1000/EC100 Engine Monitoring System Instructions for Continued Airworthiness (ICA). Reference FAA Form 337 dated 8-16-2005. Complied with Mod Works, Inc., Mooney M20L Continental IO-550N conversion Instructions for Continued Airworthiness (ICA). Reference Mod Works, Inc., ICA Document Number MW8800-508. Complied with Precise Flight, Inc., 2000 Series Speedbrake Instructions for Continued Airworthiness (ICA). Reference Precise Flight, Inc., ICA Document Number

YEAR:	RECORDING			N 142mP
DATE	TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteractions must be endorsed with Name, Rating and Certificate Name Facility. (See back pages for other specific entries.)
•	Date: 4/1/	15; N1421	MP, Moone	y M20L, S/N: 26-0023, Tach Time & Total Time: 2354.1
	Aircell sys Due inspec Removed a G0266203:	tem circu ction next and replace 3, P/N On	it breaker p annual insp ed #2 batter : G-243, S/	rer pulled & collared and placard "Inop", per FAR 91213 paraspection. Placard instrument panel "ALT 1 Field & Security Security Security Property Security Security Property Security S
				INSPECTOR FOR
				Rick Aviation, INC. CRS INTRO
		1		Newport News, Virginia 23602

AR:	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.)
TE.	2354.1		2354.1	
CON 1- B	2334.1			PORM RAI-12  FORM RAI-12
				DATE: ACTT ENGITE CD ADDI IANCE HAS
				I CERTIFY THAT THIS (AIRCRAFT, ENGINE, PROPELLOR, OR APPLIANCE) HAS  BEEN INSPECTED IN ACCORDANCE WITH A AIRCRAFT OR RETURN TO
		-		WAS DETERMINED TO BE AIRWORTHY AND APPROVED FOR RETURN TO
				SERVICE La Bronlay
				INSPECTOR FOR RICK AVIATION, INC. CRS#IVIR104F
				NEWPORT NEWS, VA

YEAR: 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteractions Entries must be endorsed with Name, Rating and Certificate Name Facility. (See back pages for other specific entries.)
	Date: 4/1	6/15, N14	12MP, Mooi	ney M20L, S/N: 26-0023, Tach Time: 2354.2
¥-	Removed 38-01300	l and repla	aced left wird lens, P/N:	ng tip aft navigation light. Lamp, P/N: 34-0228030-85, new less 68-4250066-30. System ground checked satisfactorily.
÷				William P. But
				Rick Aviation, INC. CRS IVIRIA
	-			Newport News, Virginia 23602

TAKING THE RECOMMENDED FRACTIOE OF YOUR AIRCRAFT BATTERIES BEST POSSIBLE CARE

**Battery Serial Number** G02867193

G 243 4-17-2015 N 142MP The Original Equipment Aircraft Battery HI BATTERY TACH 2354.1

Gill Maintenance Log Form QA-002W

TELEDYNE

840 W. BROCKTON

BATTERY

AVENUE PRODUCTS

REDLANDS, CA 92374

www.gillbatteries.com TBP DWG. NO. 1555 REV G

July 2012 L BS

RATE TERY MILL 3P BE NESS ENO PLIED THERE RANTY viously supplied ident of any was on of the ented lance oplica nde Entries must be endorsed with Name, Rating and Service + INSTALL NEW GILL Facility. (See back pages for other specific entries.) G243 Battery #1 Position JN G02867193 ODS CHech O. TOTAL OPS CHech Oh DAY'S TIME IN RECORDING SERVICE GHT AR: TACH TIME Atp 1962398 7.2354.2 3. Form Tracking Vumber

Installed after July 01, 2013 is warranted as follows:

1. For a period of six, twelve, or twenty-four months (as applied by hours or 600 hours of operation, whichever occur manufactured or supplied by it which within the applicable the months or 300-hour period is found to the satisfaction of the sat

DATE	TIME	FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Altertion: Entries must be endorsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)
6-18	2363.1	10.0	1 1 1	TwsTall ( 1064 1
110	0//26	200	801	OPS CHOILE DE DE PRECISE FINE
1000		0		INSTRUCTIONS
				RICK AVIATION, INC. CRS NIRTOF
				MEMPORT MENS, IM

1. Approving Civil Aviation Authority/Country:

FAA/UNITED STATES

**AUTHORIZED RELE** 

FAA Form 8130-3, AIRWORT

4. Organization Name and Address:

Precise	Flight, Inc. 63254 P	
6. Item:	7. Description:	Road, Bend, Oregon, 97701
1 2	2000 Series SpeedBrakes 2000 Series ALC	8. Part Number: 010S0000
12. Remark	is:	

010S0059-3, 010S0059-4, AND 010S0301-1 ARE COMPONENTS OF 010S0000 REPAIRED TO ORIGINAL PRECISE FLIGHT, INC. SPECIFICATIONS, WORK C

REFER TO WORK ORDER FOR PARTS USED.

13s Certifies the items identified and		
Non-approved design data specified in	13c. Approval/Authorization No.:	14b.
13b. Authorized Signature:		143
13d. Name (Typed of Printed):	13e. Date (dd/mmm/yyyy):	14d. Dav
13d. Name (1799)	Usar/Ins	taller

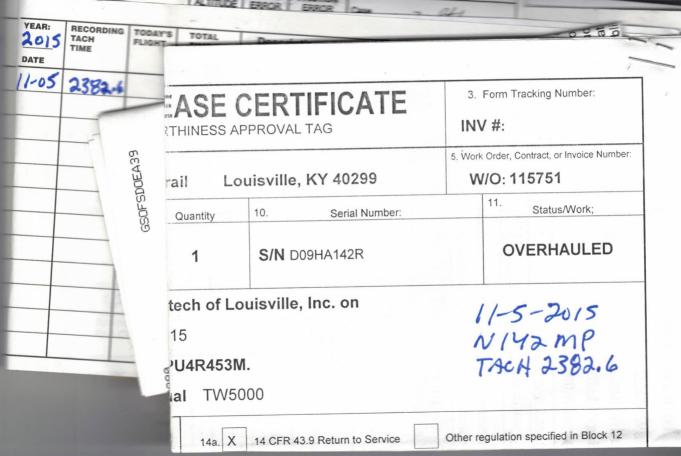
It is important to understand that the existence of this document alone does not automatically c

Where the user/installer performs work in accordance with the national regulations of an airw Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accept

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircra country specified in Block1. national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

YEAR: 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME TO SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate No.
11-05	2382.6		2	pages for other specific and a softificate Number of Tools in
				Femore ALTERNATION 649304R5/N 605AM
				JN 1) 09 (41/1/2 =
				UP OPS CH + CCAM CH OK TO
				Jaka Bunta
				RICK AVIATION, INC. CRS#WR164
			_	
-				
-				



2399.3 Date 27 6/16; N142MP, Mooney M20L, S/N: 26-0023, Tach Time: Reinstalled Autopilot KC-192, P/N: 065-0042-03, S/N: 51302, Flight Computer after repair from Bevan-MAKI Rabell. Reactivated autopilot system--- Removed collar from autopilot circuit and reset circuit breaker. MODE Removed placard from instrument panel "Autopilot Inop". System ground ops check satisfactorily. W.O. # A5699 May 18, 3 99.3 ired leaking ter for repair. Deactivated by that the a Approving Civil Aviation 2. AUTHORIZED RELEA anel "Autopilot Inop", Per FAR Authority / Country: H Altimete W.O. # A5699 FAA / UNITED STATES hasers Ai FAA FORM 8130-3, AIRWOR 1016. The a Inder WO# BEVAN-RABELL, INC. 4. Organization Name and Address: SPECTOR FOR 1880 S AIRPORT ROAD ion, INC. CRS IVIR104F the below to WICHITA, KS 67209 413 on Work News, Virginia 23602 8 Part Number: 7. Description: 6. Item: 065-0042-03 FLIGHT COMPUTER parkchasers / KC192 A CRS# XSF 12. REMARKS: REFERENCE SERVICE SHOP REPORT FOR WOR THIS UNIT WAS REPAIRED AND TESTED IN ACCU-SOUSDING MAINTENENIGE MANITAL # 000 SECO 00. DE SOU PUE 11 10010 Certifies that unless otherwise specified in block 12, the work identified in

3	Reinstalled Autopilot KC-192, P/N: 065-0042-03, SN Rabell. Reactivated autopilot system Removed coll	Computer after repair from
3	Removed placard from instrument panel "Autopiliot In	ops check satisfacto W.O
		1.000 0 2 0
Re	te: 1/22/16; N142MP, Mooney M20L, S/N: 26-0023, Tomoved Autopilot KC-192, P/N: 065-0042-03, SN: 513 topilot system Pulled & collared autopilot circuit. Part 11 & per FAR 91.213, paragraph (d), (3), (ii).	P. B. W.O. # A. P. B. W.O. # A. P. B. W.O. # A. P. B. W.O. W.O. W.O. W.O. W.O. W.O. W.O.
A		
EA.		

Torio				
	LALE I FRICTION	pendix E, Part 43, FAA Regulation		
ALTITUDE E	RROR ERROR	Case ~ 30 8tm		A -
-1000 -	5	HYSTERESIS TEST	-	10.00
-	5	ALTITUDE READ DOWN READ	5 FIME: 24	12.90
	ERVICE!	BLE CONDITIO	N	
Part Name	5td. 1	II Altimeter		27577
Part No	5934PA	-1		S SN
Serial No.	3G193	Acft. No. N 14	ZMP	SPARKCHASERS  curcraft services, inc. Johnston County Airport (KJNX) C Swift Creek Road • Smithfield, NC FAA CRS# XSPR699K Phone: (919) 934-1654 Email: sparkchasers@mix.epring.com
Remarks:	Certi	Fied to 20,00	$\infty 2t$	IASE ices, in Airport (P. Smithfi SPR699K 934-1654
+1	WFARC	43 Angr E.	7	ty Air XIII) 9
Corre	eleted with	557120-30A-13	232	ARKC CCCCft Se Ston Cour Creek Ro FAA CRS Phone: (9
SIN SI	RA-11332			PARK  Directelt shuston Coulting Creek R  FAA CF  Phone:
				SPARIA circraft Johnston Co Swift Creek FAA C Phone
	10207	7 M .	- Anii	
W.O. No/	marta	Date   Cuy	8,206	3223
Inspector \$	IL HOUNDE	Cert. # 2127677		6)
# 5200 urban	limean more	The state of the s		
L ()	Part Name Part No. Serial No. Remarks: Corre No. Inspector	ALTITUDE SCALE FRICTION ERROR  -1000 -5 0	ALTITUDE ERROR ERROR Case 100 SERVICEABLE CONDITIO  Part Name Std. II Attinutus  Part No. 5934/A-1  Serial No. 3G193 Acft. No. 14  Remarks: Certified to 20,000  SIN SRA-11332  Owner  W.O. No. 02977 Date May 1	ALTITUDE ERROR ERROR Case Leak ~ 30 8 m.  -1000 -5

CF	-
121-	P
iro A	-
re A	
DM	1

YE	AC MAKE: AC MODEL: AC S/N:	MOONEY M20L 26-0023
	Date: May 18,	2016
	Repaired leaki	ng static syste
	I certify that th	e altimeter and
	The LH Altim	eter, P/N Uni

## **SPARKCHASERS**

-Aircraft Services, Inc.----AIRFRAME LOGBOOK ENTRY **TACH TIME: 2412.90** 

HOBBS:

A/C REG. #: N142MP

tem due to loose fitting at VSI.

nd static system tests and inspections required by FAR 91.411 have been performed.

nited Instruments 5934PA-1, S/N 3G193 certified to FAR Part 43, Appendix E by Sparkchasers Aircraft Services, Inc., CRS# XSPR699K, on WO# 102977 was tested to 20,000 ft. on 05/18/2016. The associated altitude reporting system was tested to 20,000 ft. Details related to certification are on file under WO# 102977, dated 05/17/2016.

I certify the below transponder(s) has(have) been inspected and found to comply with the requirements of FAR Part 91.413 on Work Order No. 102977, dated 05/17/2016.

#1 Transponder: Make GarmingInternational, Model GTX 330, S/N 84100823

Signed

Sparkchasers Aircraft Services, Inc.

FAA CRS# XSPR699K

2. 2	AR:	TOTAL TIME IN SERVICE	AC MUDEL:	M20L	SPARKCHASERS  Aircraft Services, Inc.
138 C					AIRFRAME LOGBOOK ENTRY
2 051			Date: June 01,	2016	
-			93.5 in. The a Upgrade Installa SA01933LA-D w was installed in a 00569-00, Rev. F Garmin 500W Se in the Pilot's Ope in Garmin Docum Copies of these d	405004 at 13 bove Garmin ation Manual vith correspondaccordance wife, dated 08/200 tries GPS-WA rating Handbournent No. 190-0 locuments at the corresponding to the correspond	the following equipment: 1 ea. Garmin GNS530 Transceiver at 13.3 in. at the following equipment: 1 ea. Garmin GNS530M 3 in. and 1 ea. Garmin GA35 WAAS Antenna P/N 0134 GNS 530W upgrade was completed in accordance Document No. 190-00357-06, Rev. E, dated January Completed Model List (AML). The above Garmin STC Antenna Installed the FAA Approved Supplemental Air January Complete Structure (Document # 190-00357-03 Rev. Instructions for Continued Airworthiness: ICA Instructions for Continued Airworthiness: ICA Instructions and Document # 190-00673-01 Rev. Deep placed in the permanent aircraft records. The major alteration are on file at Sparkchasers American Instructions (C 27577 under Work Order Number 200357-05).
Than	_		Swill Creek Road	Smithfield, N	C 27577 under Work Order Number 102224
adT			Signed_	a v/na	elle.
MT -			Sparkchas CRS# XSF	ers Aircraft Se PR699K	ervices, Inc.
		1			

YEAR: TOTAL TIME IN SERVICE DATE

SCHEDOEASS

AC MAKE: MOONEY SPARKCHASERS

AC MODEL: M20L

——Aircraft Services, Inc.——

HORRS

AC CIN.

AIRERAME LOGROOK ENTRY

Non-approved design data specified in block 12

N/A

1/Authorization No :

Approving Civil Aviation Authority/Country: FAA/UNITED STATES

## **AUTHORIZED RELEA**

FAA Form 8130-3, AIRWORTHI

4. Organization Name and Address:

GARMIN International 1200 E 151st Olathe, KS 66062

Certi!

7. Description: 6 Item:

8 Part Number: 011-01064-40 9

GNS530W,Blk,Upgd

Upgraded unit to include WAAS capability. Repaired CDU to correct unrelated issues found while testing. (

12. REMARKS: optimum performance. Master cleared unit. Unit passes all tests and is operating within normal limits. Unit acquired satellites. OK to

The Main and GPS Softwares are at the latest revision. This unit complies with these Service Bulletins 1317, 1606. It is the responsi The following Mod's were installed into this unit under its previous configuration prior to it being upgraded and configuration change This unit complies with MOD 1 per Garmin's Service Bulletin No. 0019.

WHAT ANALAST A SAME SHARES WITH SECTION AND THE STATE OF THE SECTION AND THE S equeblocos in densirámboos sem 21. XXXXX in deblosso dus 11. XXXXX ui pautuapi xxxxx aut. "71 xxxxx wi pautaetis asinvatio ssairu seutrac

This unit complies with MOD 2 per Garmin's Service Bulletin No. 0101.

This unit complies with MOD 3 per Garmin's Service Bulletin No. 0111.

This unit complies with MOD 4 per Garmin's Service Bulletin No. 0203B

R: A.D.	TOTAL	Airworthiness Directives		
AC MODEL:		SPARKCHASERS  ——Aircraft Services, Inc.——AIRFRAME LOGBOOK ENTRY	TACH TIME: 2412.90  HOBBS: A/C REG. #: N142MP	, M
KI254 Attitude I KI254 and ship Pacific South flew aircraft an numerous time Reinstalled in a EHSI s/n 1075 B1.doc. Reins inspections de and found airw Aircraft Service Signed Sparko	ng KFC150 findicator fliphologous Instrumed found attitutes for heat maircraft and go and replacestalled in air scribed above orthy for return for a factor of the control	dight director issues and the interface with Sandor to director only rolls in one direction, yet autopilot oper for evaluation. Reinstalled King KI254 P/N 060-0 nents, FAA CRS# KD3R627L under WO 295804 under indicator functioned normally for 30 minutes a leated issues and repaired by PSI under WO# ground checked and found to function normally. Red lamp in accordance with Installation Instruction craft and verified all functions working normally. The have been performed in accordance with current to service with respect to work performed. WO# CRS# XSPR699K.	on the direct Available of the aircraft repairs and / or not selected at the control of the cont	

YEAR:	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance	
1		AC MAK AC MODI AC S/N:	EL: MOONEY SPARKCHASERS  EL: M20L ——Aircraft Services, Inc.———26-0023 AIRFRAME LOGBOOK ENTRY	TACH TIME: HOBBS: A/C REG. #= 11
		Signed Spar	thas been inspected and has been found safe for the intended flight dated 01 June, 2016  This is a service of the intended f	nt in accordance with
÷ .				44.

LINE HILL CARRIED STATE OF THE CONTROL OF THE CARRIED STATE OF THE CARRI

91-91-9 24121 xue mement aux

re,

N142MP

YEAR: 2016 DATE	TOTAL TIME IN SERVICE	Manufacturers' Mandatory Service Bulletins Chronological Listing of Compliance and Method of Compliance
	Complied filter. Ru reservoir 0, service all wheel 2727.4. per FAR inspection Garmin Reference	d with annual inspection. Drain oil, added 8 qts. W100 Plus Shell oil. Removed and replaced oil in up engine, leak check ok. Lubricate aircraft, clean fuel screens, service battery and brake tire to 42 psi. Removed and replaced nose tire, P/N: 072-312-0, serviced tire to 31psi. Repacked leat bearings, and cycled gear, ok. Cleaned and inspected induction filter, due on condition or TT Removed and replaced ELT battery, P/N: BS2173. ELT battery due change: 7-2018. Tested ELT 91.207D, next test due 6-2017. Complied with Monroy Aerospace Auxiliary Fuel Tanks' on per Monroy Inspection & Maintenance Manual, page 24. No defects noted. Complied with GNS-530, GNS-430, and GA56 (Antenna) Instructions for Continued Airworthiness (ICA). ce FAA Form 337 dated 5-7-2002 and 5-31-2016. Complied with Garmin GDL-49 Instructions for ed Airworthiness (ICA).  Newport News. Virginia 23602

12 walnu tent unless

YEAR: Date: 6/16/16; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2413 8 2016 DATE Reference FAA Form 337 dated 11-8-2002. Complied with Garmin GTX-330 Instructions for Airworthiness (ICA). Reference FAA Form 337 dated 1-10-2003. Complied with Sandel Sandel Instructions for Continued Airworthiness (ICA). Reference Rick Aviation, Inc., Document Management of the Continued Airworthiness (ICA). M11688-B. Complied with Ryan International 9900 Series TCAD Instructional for Communications Airworthiness (ICA). Reference Rick Aviation, Inc., Document Number M11688-D. Company Micro System VM1000/EC100 Engine Monitoring System Instructions for Continued Airconnections (ICA). Reference FAA Form 337 dated 8-16-2005. Complied with Mod Works, Inc., Months and Continental IO-550N conversion Instructions for Continued Airworthiness (ICA). Reference Instructions for Continued Airworthiness (ICA). Reference Precise Flight, Inc., ICA Document 08059. Complied with LASAR Nose Gear Truss Oversized Bushing Service Kit Instructions Airworthiness (ICA). Reference FAA Form 337 dated 8-16-2005. #1 alternator field circuit is & collared and placard "Inop", per FAR 91.213, paragraph D, 3, ii. Due inspection next armus

Rick Aviation, INC. CRS IV

		Manne du sur du	* 2
TOTAL TIME IN SERVICE		Equipment Addition, Removal or Exchange	COLA SW
	Item Manufacturer's Name Model Serial Number	Addition of Optional Equipment	
	Date: 6/	/16/16; N142MP, Mooney M20L, S/N: 26-0023, Tach Time & Total Time: 2	
	#1 altern	nator sense circuit breaker pulled & collared and placard "Inop", per FAR 9	1.213, paragraph D, 3,
	ii. Due ii Aircell s Due insp	inspection next annual inspection. Placard instrument panel "ALT 1 Field & system circuit breaker pulled & collared and placard "Inop", per FAR 91.21 spection next annual inspection. Instrument panel previously placard "Aircel ed and replaced Right recognition light, P/N: 01-0770303-00. System grounded with AD2014-05-29, N/A by type cylinders, factory TCM engine 8-16-03	3, paragraph D, 3, ii. I Deactivated". I checked satisfactorily.
	Complie Air Part	ts. Installed 4 each MS29513-338 outer "O" rings on all four left and right fi	uel caps.  W.O. #M12653
5 *		INSPECTO	Bulan
		Rick Aviation, INC Newport News, V	. CRS IVIR104F
			Addition of Optional Equipment Removal of Optional Equipment Addition of Required–Exchanged for Optional Removal of Required–Exchanged for Optional

G 16	Equipment Add	Arra
Contr TACH 2413.8	I CERTIFY THAT THE BEEN INSPECTED IN WAS DETERMINED TO SERVICE.	conal Equipment conal Equipmen
		Equipment Equipment

his e ent ged fo 3/14/2

ed fo 4a. 
ged fi

Exchanged for Exchanged for

Date: 2/12/16, N142MP, Mooney M20L, S/N: 26-0023, Tach Time: 2447.3 W.O. # M12766

Removed left main wing fuel tank top access cover. Found sealant missing at rib 59.25 out board tank in forward bottom of rib. Cleaned tank rib area and sealed with CS3204A1-2 sealant. Cured for 96 hours. Coat with PR 1005L sealant - two coats. Removed bottom out board tank access cover. Sealed tie down area with CS3204A1-2 sealant. Coat with PR 1005L sealant at 59.25 rib aft. Installed top main tank cover and bottom out board cover with CS3330B1-2 sealant. Fuel tanks and visual inspect after three days. No leaks noted. All work done per Mooney manual 140, chapter 28, pages 6, 7, 8, 9, and 10. Installed new Michelin 6.00x6 6 ply tire, P/N: 072-314-0, S/N: 5321S00042, left main and serviced.

Rick Aviation, INC. CRS IVIR104F

Newport News, Virginia 23602