N43FM



The Standard ENGINE LOG

ASA-SE-1

The second secon	Model		
erial @17202	1000	Type Certificate	
his engine is currently installed in aircraft	N43FM	and the contract of the contra	
	and the second of the second o	grand of the second of the sec	a contract of the second
linimum Octane Fuel	Oil Grade: Summer	Winter	the second secon
lagneto Time	Point Setting	Firing Order	
park Plug Gap	And the second of the second o		

Engine Record General Information

City	Name	City	Name	City	Name	City	Name	City	Name	City	Name BURT	Registered Owner Record
State		State_		State_		State		State		State	WILSKER	ner Record
From	Address	From	Address	From	Address	From	Address	From	Address	From	Address	
To		То		То		To		То		То	TACE TO THE PARTY OF THE PARTY	
							を (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2				27 mg	

	FRANCIS SALISBURY KAA REPAIR STATION VTMR569K	THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.	PROBE. WASHED AND RAN THE ENGINE NO LEAKS	CHANGED THE OIL AND THE FILTER. ADDED 9 QTS	N43FM DATE 11/25/2009 HOBBS 939.7 SO# 09s-171,13	2641 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806	Maintenance Inc FAX 1-562-426 1052	1 OIII S AIRCEAIL Phone 1-562-426-5331	y and relative and the	Facility. (See back pages for one'r specific entries.)	YEAR: RECORDING TODAY'S TOTAL Description of Inspections, Tests, Repairs and Alterations
	74							And profile the second	The second second		ns, Tests, Repairs and Alterations lame, Rating and Certificate Number of Technician or Repairs

TACH TIME		,	mmπ>4				
RDING		***	ENGINE MODEL ENGINE S/N REG NO 43FM WORK ORDER 4383-03-2010	Engine Entries (4) Changed oil and Installed and safeti	DATE: 4/23/2010	4.0	
TODAY'S FLIGHT			e B E B DEL	intries of oil and filter and safetied	3/2010		
TOTAL TIME IN SERVICE	4		Scirrus	Engine Entries (4) Changed oil and filter. Serviced with 7 quarts of Aeroshell 100W plus. Cut open and inspected old filter element, Checked OK. Installed and safetied a new oil filter. Performed ground run up and leak check, Tested OK.	Certify that this ENGINE is airworthy with respect to the work performed DATE: 4/23/2010 SIGNED	Mark	
Descript Entries mu Facility. (S			Top Gun Aviat 6100 S Lindbergh St Stockon, CA 95206 Phone 209-983-8082	ith 7 quarts of a	spect to the work	Mark T, Rouch, IA, 566531424	
Description of Inspections Entries must be endorsed with Na Facility. (See back pages for other			Top Gun Aviation, Inc. 3100 S Lindbergh St Stockon, CA 95206 Phone 209-983-8082	veroshell 100W	erformed	3142TIA	
ections, Today d with Name s for other spo			ander et paper de color	plus. Cut ope leak check. To		Adjusted communication of the second	
Tests, Repair Tame, Rating and Carres, Pacific entries.)	O wy		and a system of many data (ME). A such a system of the sy	open and inspect		and the first man which distributed was	
, Tests, Repairs and Alterations Ime, Rating and Certificate Number of Technician or Repair Specific entries.)				ed old filter ele	Wor	Printed by EE	
erations Imber of Tech	Street		DATE A/C 1 EN T/	ment, Checke	Work Order: 4383-03-2010	Printed by EBis 3 (datcomedia.com)	
mician or			DATE 4/23/2010 A/C TSN 9855 ENG TT 60 2 TACH 9855	d OK	-03-2010	edia.com)	

- 3					4	7 7		<i>f</i>	DATE	YEAR:
							*	*		TACH TIME
							A. S. C. S. C.			FLIGHT
						A A			*	TOTAL TIME IN SERVICE
	A&P 1764618 IA	Tom McCrea		This AIRCRAFT/ENGINE is ok for return to service	Changed oil -8 qts Aeroshell 100w and filter (CH48109-1)	7/20/2010 N43FM TACH: 1010.0	3473 Airport Dr. #1 Torrance CA 90505 562-331-1116 cell 562-265-1242 fax	3		Description of Inspections, Tests, Repairs and Alterations

/	r	1	l, .	1.	1	1	1		1		1 ^		١		١		1	4	
		LT-10-04924.	I certify that only the work requested Aviation Regulations and was found	I certify that this engine has been in	Nellistation bout magnetos and set tilling to 22 B1DC	Removed and inspected L/H a	 Replaced #2 cylinder EGT pro Replaced alternate air magneti 	inspected and no metal contamination found at this time	- Changed oil and filter. Service	 Compression checks as follow 	- Complied with Annual Inspec	Maintenance Performed	10-01-10	N43FM	Continental Engine				
	Kuti		I certify that only the work requested by the owner/operator and listed above was repaired and inspect Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file	I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition		TCM MM Ch. 6. Rep	Replaced #2 cylinder EGT probe. Ops checked good at this time. Replaced alternate air magnetic latch with new P/N 600296-501. Adjusted as required per Mooney M/M. Chap. 71.		Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH481	Compression checks as follows: #1. 78/80 #2. 70/80 #3. 76/80 #4. 68/80 #5. 70/80 #6. 74/80.	Complied with Annual Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.		TSN: 1028.5 Hrs	Mooney M20R	IO-550G	San Diego, CA 92123	3753 John J. Montgomery Dr.	FAA Approved Repair Station #CWNR273K	Air 88 Inc. dba CROWNAIR
	Authorized Representative		repaired and inspected in accordance with current Federal f the repair are on file at this agency under World Order No.	d to be in airworthy condition.		-382584 and gaskets, P/N 10-400613.	M/M. Chap. 71.	The second of th	installed new CH48109-1 oil filter. Cut open old oil filter,		CA 105.		TSO: 261.4 Hrs	S/N: 29-0139	S/N: 679303				

4 - 4

Authorized Representative		* ,	
15 Colors 16			
I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. LT-10-05052.	with respect to the Only those items spent details of this re	I certify that regulations. (service. Pertir	
Itenance performed. Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 oil and installed new CH48109-1 oil filter. Washed engine. All work was done I/A/W Mooney M20R M/M.	oil and filter. Ser All work was done I	Maintenance performed. Changed oil and fi engine. All work w	
Mooney M20R Hobbs: 1054.6		N43FM 12-03-10	
Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123			
	Q P	i	DATE
Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair	TODAY'S TOTAL FLIGHT TIME IN	RDING	YEAR:

policide installed New CH48109-1 oil filter. Ran Engine; policides observed. Opened oil filter; Element free from metallia delphia. Aircraft returned to service on this date, Part Willen, Serviced with 7.5 gt. Acrostell woot observed. Opened Riter; no retal observed. Aircraft returned to service on this date. But Willen, Johney 3724804 (cp)	DATE	YEAR: RECORDING TACH TIME DATE JS 2011 1078.1	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.) Changed of E. F. Her. Serviced with 7.5 5 to Acroshed Wilow
	201	1078.1		And the second	hunged oil & filter. Serviced
	Section 1	es der		The state of the	a leaks observed opened or
					etallia debrio. Aircraft ret
					But will, owner 2724804 (cr)
observed. Opened RIAr; to service on this date.	5/21/2011	1104.6			runged oils filter. Serviced w
to service on this date. The service on this date. The service on this date.	-				C. installed new CH48109-
4 1					bserved. Opened Rihr; "
)					service on this date
					But Will, owen 2724804 (cp)

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.)
7/23/411	1118.0	\$ 100 mm	the to with a	Changed oil & Filter. Serviced with 7.5 Th. Acroshill 10011
	2908 m	38	4,2 4,1 4,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	Installed -Ew CH48109-1 filhr. Ran Engine; no leaks de
9			100 mm	Onened filter & Examined papers no metal. Aircraft tobust
and a	A STATE OF	2 1384		Service on This date. Pant Will OWNER 272484
٠		janeaj.		of the second
		3. ,		
ديان	Section 1		the second	
17			4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	2 622224	Service of the servic	To Section 1	
		A STATE OF THE STA	10 mm	
	-	,		

YEAR: RECORDING TACH	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.)
		F	Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123
N43FM 7-29-11			Mooney M20R Hobbs: 1118.9 Hrs
Maintenance performed: - Fabricated and install - Removed oil cooler w	ooler win	new fuel ven	
I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-11-05417. Adhorized Representative	respect to	はいかいのかは なるか こうななる	Removed oil cooler winterization, sealed holes as required and reinstalled.

		N.						2/25	YEAR: 2011 DATE
								1141.1	RECORDING TACH TIME
									TODAY'S FLIGHT
			ı	v					TOTAL TIME IN SERVICE
				(42) HOBH 2 L-C	returned to Service on Min date But Willie, Owner	Opened Filter & summed climent: no metal. Aircraft	Installed new CH48109-1 filter. Ran Engine no leals observed	Charged oil & Alter Serviced with 8 gt. Asroshed 100 wt	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.)

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-11-05538.	I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.	 cut open old oil filter and inspected with no metal contamination found at this time. Verified AD 2009-16-03 (Superior Air Parts Cylinder Assys) for applicability and found N/A by engine model. Verified AD 2010-11-04 for applicability and found N/A. No hydraulic lifters replaced after June 19, 2009. 	 Maintenance Performed: Complied with Annual Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105. Compression checks as follows: #1. 76/80 #2. 72/80 #3. 72/80 #4. 62/80 #5. 72/80 #6. 72/80. Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH48109-1 oil filter. Washed 	TSN: 1153.9 Hrs	Hobbs: 1153.9 Hrs	Continental Engine IO-550G	Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123	는 그는 사람들은 그는 그 보면 보이 되었다. 그는 그들은 기계에 가장 그런 사람들은 기계에 가장 보면 보이지 않는데 보고 있다. 그런
the repair are on file at	nined to be in airworthy	ngine model. 19, 2009.	n CA 105.	TSO: 386.8 Hrs	ACTT: 1153.9 Hrs	SN: 679303		· · · · · · · · · · · · · · · · · · ·

Changed oil & filter	4/28 1203.6 Changed oil & filter. Surviced w/ 8 gt. Aeroshell 100+ Installed new CH42109-1 filter. Ran engine: no leaks			
	18109-1 filter. Ram ensine: no leaks obsi	wind element. No metal. Hircraft returned at. P. + 1-100 - Kiner 2024804 (cf)	wind element. No metal. Aircraft returns	ind element. No metal. Hircraft retu at. But will-jounce +924804 (c

YEAR: 2011	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.)
7)14	1218.7			Changed -illfilter Serviced w/ 7 gts. Atroshell 100+. Installed new
				CHY8109-1 filter Ran Engine: no leaks observed. Exerined Alter stiment
				No mital. A/c returned to service on This dat. But hill 2724804(CP)
9/25	1256.7			Chandail Kilter Serviced with 7 / ck Arroshed 100+.
				Installed New CH48109-1 filter. Ran Engine: no leaks observed
				Sxamined filter element, no retal. A/C returned to service on This
				dut. But William (owner) 2724804 (cr)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				

	ŢXL		4
I certify that only the work requested by the ow current Federal Aviation Regulations and was for this agency under Work Order No. PA-12-05961	I certify that this engine has condition.	TCM Engine N43FM 12-10-12 Maintenance Performed: Complied with Annual Compression checks as: Changed oil and filter. S Cut open old oil filter an AD 2012-03-06 is N/A, Replaced bottom spark p Adjusted R/H mag timin	THE STATE OF THE PROPERTY OF SHAPE
I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-12-05961. Authorized Representative	certify that this engine has been inspected in accordance with an Ann ondition.	FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 IO-550G FM Mooney M20R Hobbs: 1272.8 Hrs TSN: 1272.8 Hrs TSN: 1272.8 Hrs Complied with Annual Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105. Compression checks as follows: #1. 74/80 #2. 70/80 #3. 72/80 #4. 64/80 #5. 70/80 #6. 70/80. Changed oil and filter. Serviced with 8 Qts of Aeroshell W100 plus oil and installed new CH48109-1 oil filter. Cut open old oil filter and inspected with no metal contamination found at this time. AD 2012-03-06 is N/A, affected fuel servo diaphragm not installed. Replaced bottom spark plugs with new P/N RHB32E. Adjusted R/H mag timing to 22 degrees BTDC I/A/W TCM MM.	Air 88 Inc dba CROWNAIR
sted above was repaired and inspected in accordance with my for return to service. Details of the repair are on file at the service of the repair are on file at the service. Authorized Representative	Annual Inspection and was determined to be in airworthy	tion #CWNR273K gomery Dr. 92123 S/N: 92123 S/N: S/N: S/N: S/N: S/N: S/N: S/N: S/N	OWNAIR AND THE PRINTS TO BE SHEET STATES
inspected in accordance with alls of the repair are on file at 25 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ined to be in airworthy	S/N: 679303 S/N: 29-0139 ACTT: 1272.8 Hrs TSO: 505.7 Hrs CA 105.	おかのと 一十十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十

		- %		
		*	* *	
described. Scanied Alter; clean. Returned to service. Twill 774804 (CP)				
ASI Comprond. Installed New CH48109-1 filter. Ran Exing: to lanks				
Changel oil/filter. Serviced w/6.59th. Aurostall 100+ and 10.502			7/27 1319.1	7/27
Examinal Albertinent: clean. Returned to service on this both Brill 2724804(CP)		-		
ASL Camquard. Installed Mr. CH48109-1 filter Ran engine; ro leaks observed.				
Charged il / Filter. Serviced with 7 7 to Awashell 100+ and 1602. (5%)			1296.6	2
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.)	T TOTAL TIME IN SERVICE	FLIGHT	TACH TIME	2013

		34			YEAR:
		DATE: 12/13/2013	Engine Entries (2) Changed oil an	ENGINE MODEL ENGINE S/N: REG NO 43FM WORK ORDER 5586-12-2013	RECORDING TACH TIME
		NGINE IS AIN	ies I and filter,		FLIGHT
	Mark T, Rou	worthy with respect to SIGNED.	Engine Entries (2) Changed oil and filter, split old filter and found to be	Tol 6100 Stor Phor	TOTAL TIME IN SERVICE
	Mark T, Rouch, IA 5665314211A	DATE: 12/13/2013 SIGNED:	found to be clean. Serviced eng with 7 quarts of Aeroshell 15W50	Top Gun Aviation, Inc. 6100 S Lindbergh St Stockton, CA 95206 USA Phone 209-983-8082	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Tecl Facility. (See back pages for other specific entries.)
	Printed by EBis 3 (datcomedia.com)	Work Order: 5586-12-2013	Aeroshell 15W50.	DATE 12/13/2013 A/C TSN 1340 4 ENG TT 415 1 TACH 1340 4	Repairs and Alterations g and Certificate Number of Technician or Repair entries.)

Air 88 Inc. dba CROWNAIR
FAA Approved Repair Station #CWNR273K

3753 John J. Montgomery Dr.

Maintenance Performed N43FM 1-13-14 TCM Engine Complied with Annual Inspection using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105. Mooney M20R TSN: 1350.2 Hrs Hobbs: 1350.2 Hrs IO-550G San Diego, CA 92123 ACTT: 1350.2 Hrs TSO: 583.1 Hrs S/N: 29-0139 S/N: 679303

Compression checks as follows: #1. 76/80 #2. 66/80 #3. 72/80 #4. 70/80 #5. 66/80 #6. 72/80.

Replaced engine induction air filter with new P/N EDO4028.

Replaced #5 fuel injector line clamp with new P/N MS21919WDG5.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with this agency under Work Order No. PA-14-06399. current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at

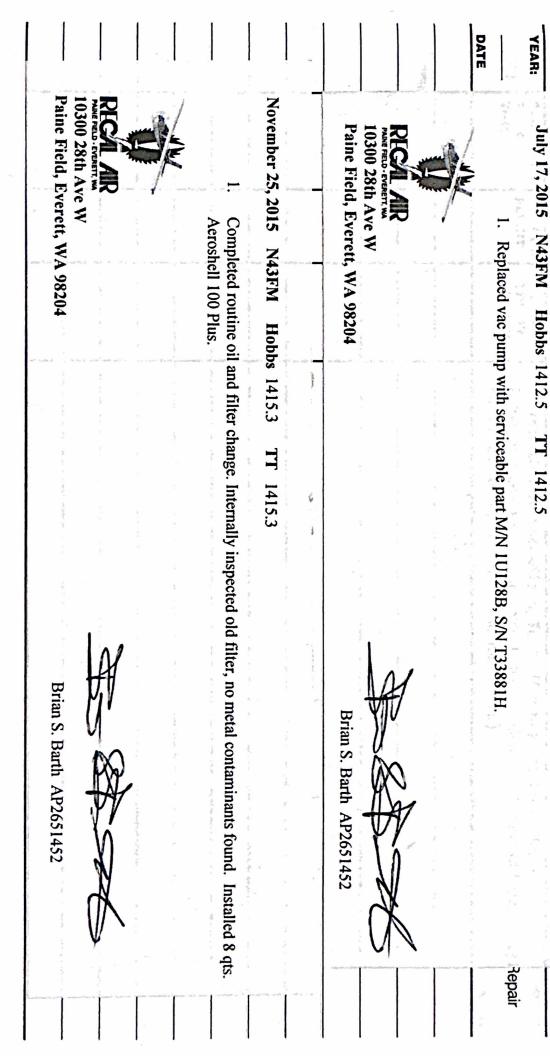
Adthorized Representative

Installed new mixture cable p/n 660226-005. Removed engip/n 655921-1A2 s/n B01HA541 and sent out for overhaul by Reinstalled torque to specs, adjust fuel flows, test run on gro I certify work on this ENGINE has been done in accord manufacturer specifications and is determined to be in condition at this time. Bruce Wilson N43FM 03/10/2014 HOBBS: 1358.2 Engine Installed new mixture cable p/n 660226-005. Removed engipy in 655921-1A2 s/n B01HA541 and sent out for overhaul by Reinstalled torque to specs, adjust fuel flows, test run on gro I certify work on this ENGINE has been done in accord manufacturer specifications and is determined to be in condition at this time. Bruce Wilson	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.) Solano Aircraft Maintenance LLC 3473 Airport Drive #1 Torrance, CA 90505 (562) 331-1116 Cell solanoaircraft@yahoo.com
nixtu 2 s/r que 1 on 1				manga garaya ya digabbara	N43FM 03/10/2014 HOBBS: 1358.2 Engine
I certify work on this ENGINE has been done in accord manufacturer specifications and is determined to be in condition at this time. Bruce Wilson	N .			a magamaga kana kana kana	nstalled new mixture cable p/n 660226-005. Removed enging for the control of the
I certify work on this ENGINE has been done in accordance manufacturer specifications and is determined to be in a condition at this time. Bruce Wilson					
condition at this time. Bruce Wilson				- Corp. 1	nanufacturer specifications and is determined to be in
6					condition at this time.

									YEAR:	
		4 72						The second secon		Novemb
1								RICAL 10300 28 Paine Fi	2. In	er 12, 2014
					1			RICAL AIR NAME PELD-EVERET WA 10300 28th Ave W Paine Field, Everett, WA 98204	Replaced #2 EGT probe, ops checked good. Installed EZ Heat element on oil pan.	November 12, 2014 N43FM Hobbs 1384.0 TT 1384.0
**				, , , , , , , , , , , , , , , , , , ,				WA 98204	iT probe, ops at element on	Hobbs 138
			*						checked good. oil pan.	4.0 TT 13
				\						84.0
			· p13400.3	man vi yni	s diameter, to	Acceptance (Spirit				
							, ,	Kevin Vogo		
Alteria	ali ya katai	Section of	endetroder et	ing Arthur	etti (tape	day analys		Kevin Vogel AP2876667		
		1					j.	567		
		Comments of the Comments of th		the special section is	to antimite	4000		su-renzellen. Saudthunder eil bes tieren.	r Repair	

									DATE		YEAF
			Paine	10300 2		as pe	I cert	6 5	ω <mark>4</mark>	2	-
,			Paine Field, Everett, WA 98204	RECAL AIR MARIE PELD EVERET M 10300 28th Ave W		r FAR 43, Ap	ify that this	Replaced or Replaced m	Cleaned, ga Removed, c	Compressio	Changed oi
			tt, WA 9820.		F . Section 1	pendix D an	ngine has be	e washers and issing nut on	pped, tested, and re	n test results:	and filter. In
						d was determ	en inspected	d secured throughrottle switch	and rotated spainstalled fuel	#1-64/80, #2-	ernally inspec
			and the second s			as per FAR 43, Appendix D and was determined to be in airworthy condition.	I certify that this engine has been inspected in accordance wit	Replaced one washers and secured throttle control rod end Replaced missing nut on throttle switch mounting plate.	Cleaned, gapped, tested, and rotated spark plugs. Replaced one plug with new. Removed, cleaned, and reinstalled fuel injectors with new o-rings and shroud seals.	Compression test results: #1-64/80, #2-62/80, #3-68/80, #4-64/80, #5-58/80, #6-70/80.	Changed oil and filter. Internally inspected old filter, no metal contaminants found. Installed 9 atc. Aeroshell 100 Des
				١		airworthy co	with an ann	end.	laced one plu new o-rings a	0, #4-64/80, 1	no metal conta
	 City.	i de la companya de l	Brian S. B	W		ndition.	th an annual inspection		g with new. nd shroud seal	#5-58/80, #6- ⁻	minants found
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Brian S. Barth AP2651452IA	W.					S.	70/80.	d Installed 9
		٠	452IA	X						48. Aktomet	ots Aerochell
	~		in the completely and the second							1001105	100 01

February 9, 2015 N43FM Hobbs 1389.6 TT 1389.6



DA. Paine Field, Everett, WA 98204 September 30 2016 N43FM 10300 28th Ave W as per FAR 43, Appendix D and was determined to be in airworthy condition. certify that this engine has been inspected in accordance with an annual inspection Completed routine oil and filter change. Internally inspected old filter, no metalcontaminants found. Installed 8 qts. Paine Field, Everett, WA 98204 10300 28th Ave W Replaced adel clamps on ignition leads at #1 intake tube. Compression test results: #1-67/80, #2-63/80, #3-68/80, #4-60/80, #5-58/80, #6-66/80. Replaced grommet in left aft baffling for manifold drain hose. Cleaned, gapped, tested, and rotated spark plugs. Aeroshell 100 Plus. Oil analysis taken and submitted Hobbs 1444.5 TT 1444.5 Brian S. Barth AP2651452IA

Brian S. Barth AP2651452

March 4, 2016

N43FM Hobbs 1420.5 TT 1420.5

DATE YEAR as per FAR 43, Appendix D and was determined to be in airworthy condition. certify that this engine has been inspected in accordance with an annual inspection Paine Field, Everett, WA 98204 10300 28th Ave W Reinstalled muttler. Replaced several (10) rocker cover gaskets as necessary. Removed exhaust muffler. Welded two small cracks on left end cap. Pressure tested and found no leaks. Replaced clamp on #4 injector line with new adel. Cleaned, gapped, tested, and rotated spark plugs. Compression test results: #1-74/80, #2-72/80, #3-74/80, #4-64/80, #5-70/80, #6-68/80. Changed oil and filter. Internally inspected old filter, no metal contaminants found. Installed 8 qts. Aeroshell 100 Plus. 1475.8 Serviced engine with Abroshell 100 Plas oil. Replaced Filten. Ran enjine to check For leaks. Pilot cantificate #: 2853407 YARIN SIMAN-TON Brian S. Barth AP2651452IA

March 17, 2017 N43FM Hobbs 1452.5 TT 1452.5

1	This Engine has been inspected in accordance with an Annual inspection and has been found to be in an Airworthy condition.	d in accordance wit	his Engine has been inspect	
(Mes.	<i>irworthiness Directi</i> compliance at this ti	Accomplished the following Airworthiness Directives. NO Engine AD's were due for compliance at this time.	AC
, , , f	rotated. Installed 4 new RHB32E spark plugs. Checked engine controls for rigging. Cleaned fuel screens. Both magnetos were retimed to engine per engine specs. Fuel injection nozzles were removed and cleaned. Then reinstalled back into their appropriate cylinder locations. Replaced intake tube gasket on #4 cylinder. Engine was washed down and ground ran to check for oil and fuel system leaks. None noted. AD's researched and complied with thru 4/9/2018.	spark plugs. Checkere removed and clear wn and ground ran to	stated. Installed 4 new RHB32E secs. Fuel injection nozzles we linder. Engine was washed do	
, 1 Î	Accomplished the following work: 100 Hour inspection was completed at this time using the manufacturer's checklist. Compression check performed and results follow: #1- 67/80, #2- 69/80, #3- 10/80, #4- 62/80, #5- 64/80, #6- 64/80. Changed engine oil and oil filter. Serviced engine with 8 qts. Aeroshell w100. Cleaned and gapped spark plugs and	ork: ed at this time using i.6- 64/80. Changed o	Accomplished the following work: 100 Hour inspection was completed a 70/80, #4 62/80, #5 64/80, #6-6	
1 1	Hobbs 1489.70 9-0139 ETT 1489.70 779303	Serial: 29-0139 Serial: 679303	Mooney Model: M20R Continental 10-550-G	
1.	3-465-2298 4/1	vices, LLC. 15	Advanced Aircraft Ser N43FM	
or Repair	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.)	TOTAL TIME IN SERVICE	RECORDING TODAY'S TACH FLIGHT	YEAR:

A&P 2491728 IA

		÷	× 11	. 4	22			8/24/19			8/m/zm	YEAR: 2015 DATE
4					,		*	8/24/19 1558.7			8/11/228 ISI4.8	RECORDING TACH TIME
	2		,					0.			0.1	TODAY'S FLIGHT
í			***************************************									TOTAL TIME IN SERVICE
						Pilot centificate: 2853407 60'	Liltan. Ran engine to chack For lacks. Yaziv Jiman-Tov	serviced engine with A-crosshell 100 plus oil. Replaced	1	Ran ingine to chack for lanks. YARIV SIMAN-TOV Ja	serviced engine with Arnorhell 100 Plus oil. Replaced Filter.	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 state of the s				
Annual incorption and has been found to be in an Aircrafts condition	accordance with an Annual in	been inspected in	This Engine has	
en de la companya de	Accomplished the following Airworthiness Directives. No Engine AD's were due for compliance at this time.	he following Ainwo were due for comp	Accomplished the No Engine AD's	
100 Hour inspection was completed at this time using the manufacturer's checklist. Compression check performed and results follow: #1-63/80, #2-60/80, #3-71/80, #4-58/80, #5-60/80, #6-71/80. Changed engine oil and oil filter. Serviced engine with 8 qts. Aeroshell w100. Cleaned and gapped spark plugs and rotated. Checked engine controls for rigging. Cleaned fuel screens. Both magnetos were retimed to engine per engine specs. Fuel injection nozzles were removed and cleaned. Replaced several valve cover gaskets due to oil leakage. Engine was washed down and ground ran to check for oil and fuel system leaks. None noted. AD's researched and complied with thru May 20, 2019.	Accomplished the following work: 100 Hour inspection was completed at this time using the manufactur 71/80, #4-58/80, #5-60/80, #6-71/80. Changed engine oil and crotated. Checked engine controls for rigging. Cleaned fuel screens, and cleaned. Replaced several valve cover gaskets due to oil leakage noted. AD's researched and complied with thru May 20, 2019.	Accomplished the following work: 100 Hour inspection was completed a 71/80, #4-58/80, #5-60/80, #6 rotated. Checked engine controls for and cleaned. Replaced several valve noted. AD's researched and complie	Accomplished the 100 Hour inspection 100 Hour inspection 171/80, #4- 58/80 rotated. Checked and cleaned. Repnoted. AD's resease	
Date 5/23/2019 Hobbs 1533.80 ETT 1533.80	Serial: 29-0139 Serial: 679303		N43FM Mooney Model: M20R Continental	Control of the second of the s
Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298	es, LLC. 1590 NW Pe	Vircraft Service	Advanced A	2 800
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.)	TOTAL Descri	IG TODAY'S FLIGHT	RECORDING TACH TIME	YEAR:

1		,					8/24/19	YEAR:
	,		2	A ₂ • ·	¢	•	8/24/19 1558.7	RECORDING TACH TIME
					*			TODAY'S FLIGHT
								TOTAL TIME IN SERVICE
	and the second of the second o	ACC COMMON TO THE PARTY OF THE	Art typinger				Jee oil change entry on previous page.	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.)

						ent.				DATE		YEAR:
PAINT FLO EVERTI, WA 10217 31st Ave W, C51 Paine Field, Everett, WA 98204	Markus Bosch AP3139438IA Markus Bosch AP3139438IA	I certify that this engine has been inspected in accordance with an ANNUAL inspection as per FAR 43, Appendix D and was determined to be in airworthy condition.	protection as needed.	8. Repaired fiberglass induction "y" tube's LH inlet using Alclad sheet stock reinforcement under clamp. Applied new chafe	6. Replaced metalized fabric heat shield material with new under LH side of muffler.	 Secured A/C tensioner as needed. Removed and replaced grommet in baffling near oil cooler with new. 	3. Sparkplugs cleaned, gapped and reinstalled using new gaskets.	and new CH48109-1 filter.	Compression as follows: 1, 68/80, 2, 62/80, 3, 64/80, 4, 61/80, 5, 60/80, 6, 66/80.		May 22, 2020 N43FM Hobbs: 1578.5 AFTT: 1578.5 ENG TT: 1578.5	RECORDING TODAY'S TOTAL Description of improvious Total Description of improvious

YEAR: RECORDING TACH TIME DATE	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.)
12/5/20 1605.5	*	4	Staviced engine with Atao Shell 100 Plus oil. Replaced
			filter-Ram engine to check for lanks. Opened and inspected oil
		,	5
			Yuniv Jiman-Tov 2853407 Jat
, r			And the state of
			Marine and the second s
		E)	
		,	

YEAR: RECORDING TACH TIME	G TODAY'S	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.)
Advanced Aircr	aft Servi	ces, LLC. 1590 N	Advanced Aircraft Services, LLC. 1590 NW Perimeter Way, Troutdale, OR 97060 503-465-2298
Mooney Model: M20R Continental IO-550-G Seria Accomplished the following work:	Serial Serial	Serial: 29-0139 Serial: 679303	
The following work wathis time. Compression			
discrepancies has been	s was perfor check was provided to	med per the request of performed: #1- 70/80, the buyer. No other w	Accomplished the following work: The following work was performed per the request of the owner / operator: Prebuy evaluation of the aircraft has been performed at this time. Compresion check was performed: #1- 70/80, #2- 62/80, #3- 68, #4- 68/80, #5- 58/80, and #6- 72/80. A list of discrepancies has been provided to the buyer. No other work, repairs or determination of airworthiness was performed at this time.
Accomplished the following Airworthiness Directives. No Engine AD's ware due for compliance at this time.	s was perfor check was provided to provided to wing Airword use for comp	med per the request of performed: #1- 70/80, the buyer. No other whitness Directives, hance at this time.	nec
Accomplished the follon No Engine AD's word d	s was perfor check was provided to provided to wing Airword use for comp	med per the request of performed: #1- 70/80, the buyer. No other whiness Directives, hance at this time. A8	nec

P J AIRCRAFT SVC, INC. MOONEY 1460 West Bell St AVON PARK, FL 33825 Mooney N43FM Hobbs 1640.1 4/12/2021 Engine Replaced starter with new Sky-Tek C24ST4, Washed engine with SC142. Removed both mags for OH, installed and set til 22* BTDC, removed and cleaned all plugs. Replaced intake gaskets on 72 and #4. Changed oil and filter with Phillips XC; and Tempest AA48109. Adjusted engine mount to overcome sagging Asun, Adjusted Fuel system per TCM SID 97. AP347	P J AIRCRAFT SVC, INC. MOONEY 1460 West Bell St AVON PARK, FL 33825 Mooney N43FM Hobbs 1640.1 4/12/2021 Engine Replaced starter with new Sky-Tek C24ST4, Washed engine with SC142. Removed both mags for OH, installed and set timing to 22* BTDC, removed and cleaned all plugs. Replaced intake gaskets on 22 and #4. Changed oil and filter with Phillips XC 20w50 and Tempest AA48109. Adjusted engine mount to overcome sagging your Adjusted Fuel system per TCM SID 97. AP3472007	P J AIRCRAFT SVC, INC. MOONEY 1460 West Bell St AVON PARK, FL 33825 Mooney N43FM Hobbs 1640.1 4/12/2021 Engine Replaced starter with new Sky-Tek C24ST4, Washed engine with SC142. Removed both mags for OH, installed and set tin 22* BTDC, removed and cleaned all plugs. Replaced intake gaskets on 22 and #4. Changed oil and filter with Phillips XC 2 and Tempest AA48109. Adjusted engine mount to overcome sagging of Marked Fuel system per TCM SID 97. AP347. AP347.
COLUMN TO A COLUMN		

SFM CONTINENTAL, IO550-G, S/N: 679303 bs: 1693.7 Compressions 1) 58 2)60 3)71 4)725)52 6)58 Installed P/N RHB32E - Spark Plug , Installed (7) P/N 1059152 - Victory Aviation Oil 100AW - Quart , Installed P/N A448109 - OIL FILTER. Removal, sent cylinder for O/H, received and reinstalled cylinder with new gaskets and seals. Installed (2) P/N 630542 - GASKET, INTAKE MANIFOLD , Installed P/N 630979-9 - SEAL , Installed P/N X1473 - Gasket, Copper , Installed (3) P/N 63058-2 - TCM SEAL-COMP .15IDX.21THK 633958-2. Trouble shot system found Cyl 2 EGT wire broken at connector pin. Repaired, function check good. Installed P/N M111 - Egt probe. This inspection and routine maintenance performed IAW TCM IO550-G Manual and Mooney M20R Manual I certify that this aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. The problem of the problem of the problem of the pin airworthy condition. The problem of the problem of the pin and problem of the pin airworthy condition.

•

	DATE YEAR:
Completed sent out for XC20w50 a replaced 4 drain hose.	TACH TIME
M 100hr insp OH. Com and Tempe intake gash I certify th	FLIGHT
P J A A' looney N43FN ection i/a/w N pression are f pression are f st AA48109-2 (ets. Adjusted its engine has	TIME IN SERVICE
P J AIRCRAFT SVC, INC. MOONEY 1460 West Bell St AVON PARK, FL 33825 Mooney N43FM Hobbs 1746.1 ACTT 1746.1 Esmoh 979 Psmoh 905.6 1/16/2023 Engine Completed 100hr inspection i/a/w Mooney inspection guide, test ran. Found issues with fuel manifold and fuel controller, removed sent out for OH. Compression are #1 74/80 #2 74/80 #3 68/80 #4 72/80 #5 66/80 #6 74/80. Changed oil and filter with Phillips XC20w50 and Tempest AA48109-2 filter. Removed all fuel nozzles ultrasonic cleaned, replaced all o rings and washers, and replaced 4 intake gaskets. Adjusted timing as needed. Set up fuel system per SID 97 after fuel system OJ. Replaced fuel pump drain hose. I certify this engine has been inspected i/a/w a 100 hr inspection and found Airworthy. APAT2007134	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

