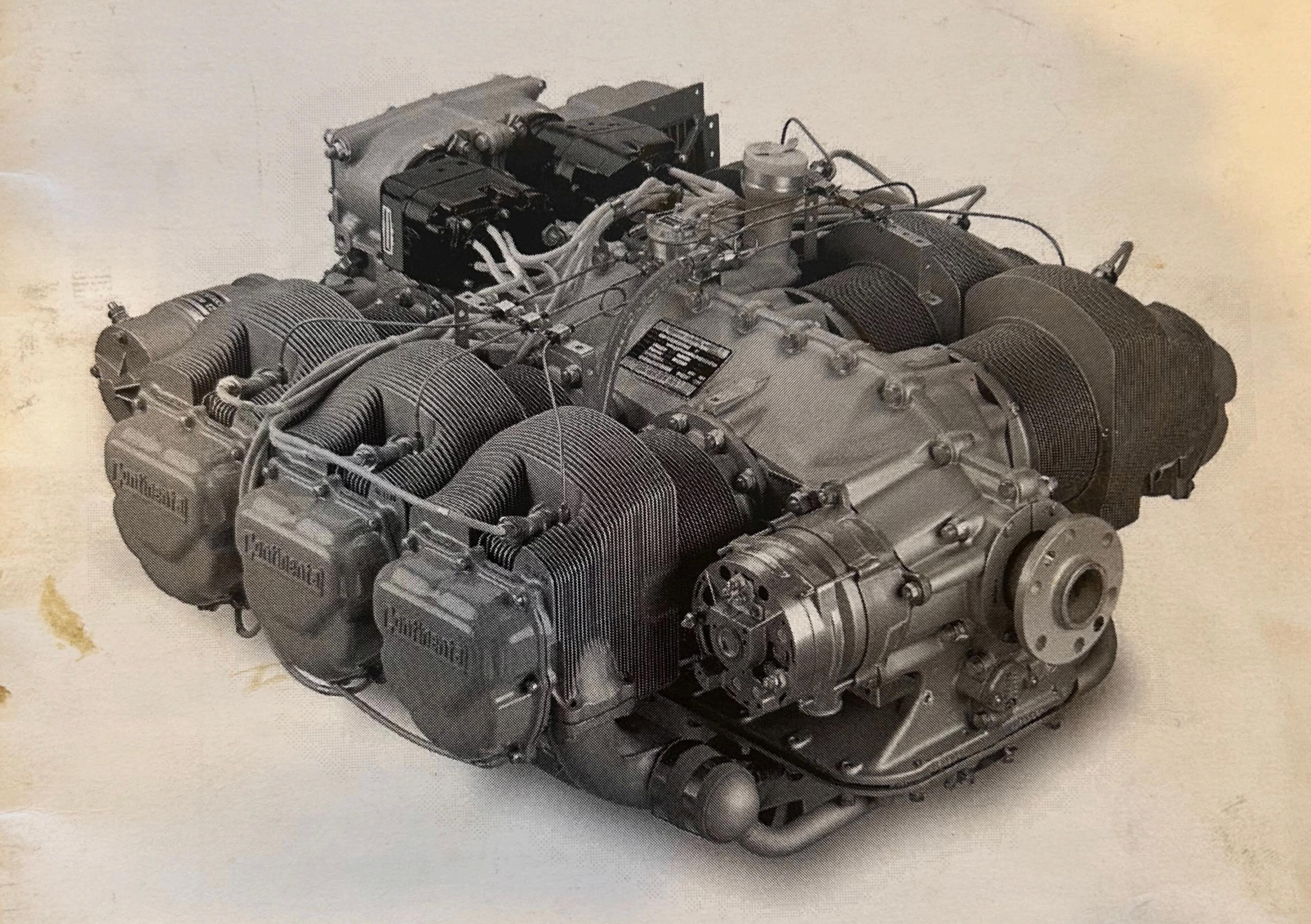
31-0016

ENGINE LOG BOOK





Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors Abbeville Industrial Park Suite 159 Abbeville, AL 36310

ENGINE MODEL TS10-550-G(1)
ENGINE SERIAL NUMBER 915011
AIRCRAFT MODEL Mooney M20TN
AIRCRAFT SERIAL NUMBER 31-0016
AIRCRAFT REGISTRATION NUMBER N611MS

USE ONLY FUEL CONFORMING TO ASTM D910 USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, inc.

A Teledyne Technologies Company

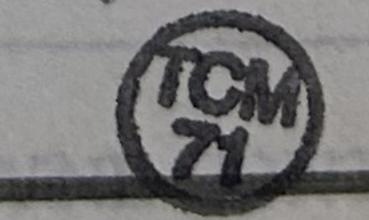
incomposates all chances required by applicable Airworthness Directives and Lelectyne

Printed: 12/21/2006

This engine model TSI0550G1

, Serial No. 915011 was manufactured on 11/16/2006

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

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TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Date	Total	Time		Since	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
				E MODEL: 50-G(1)	Mooney Airplane Company, Inc. DATE: 6/14/2007 A/C TSN: 27.8
			REG. N	E S/N: 915011 IO: N611MS ORDER:	Repair Station No. CRS# MPYR456X 165 Al Mooney Road North Kerrville, TX 78028 ENG TT: 27.8 HOBBS: 27.8
			1373-05		Phone: 830-792-2924
			(26)	Orained oil a CH48109-1	and removed filter. Filter inspection passed. Installed 8 quarts Phillips 20W50 Type M and
			Feder	al Aviation Re	ponents identified above on N611MS was repaired and inspected in accordance with current rules of the egulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Ebis 3 Work Order No. 1373-05 2007
			DATE	: 6/14/2007	SIGNED: (1) Work Order: 1373-05-2007
					Brian Kendrick Printed by EBis 3 (datcomedia.com) Certified Repair Station No. CRS# MPYR456X
					DAMINES 0:11 00 11 10 of CITE a arrange 332-42-5196
Uly 29, 2007	51	7			DIAMED OIL Removed FILTER ANDSWOT, 332-42-5196 ADDED 8,597 Philips 20/50 Aeroshell W+ CH48109-1 Filte
			ENGINE MODEL	· M	ooney Airplane Company, Inc. DATE: 9/15/2007
			TSIO-550-G(1) ENGINE S/N: 91: REG. NO: N611N	5011 Rep	pair Station No. CRS# MPYR456X ENG TT: 27.8 A/C TSN: 78.2 ENG TT: 27.8 HOBBS: 78.2
			WORK ORDER: 1494-08-2007	Ker	rville, TX 78028 one: 830-792-2924
			Engine Entr (10) Drained and filter CH	engine oil,	cut and inspected filter, no abnormal wear indicated. Added 8 qts 20W50 M phillips, an and washed engine, no leaks noted.
			Federal Aviation	on Regulation	identified above on N611MS was repaired and inspected in accordance with current rules of the as and was found Airworthy for return to service. Pertinent details of the repair are on file at this Work Order No. 1494-08-2007.
			DATE: 9/15/20		
			DITTE. OITOIZO		Matt Furnish Printed by EBis 3 (datcomedia.com)
					Certified Repair Station No. CRS# MPYR456X
					DATINED SILCHANGED FILTER CHYROGIN Andrea
-6-03	103	/			8975 75w50 Phillips mp Suin
N611MS 5-1-2008	Hobbs:	1253		TTSN	V: 125.3
			Classed and		
70/80; #2 6880; #3	7280; #47	080; #5	7080; #6 70	80. Checke	ark plugs; checked magneto to engine timing; checked cylinder compression: #1 d AD's none applied performed run-up to check for performance and oil leaks; I
aircraft or compone	nt identifie	ed above	was inspecte	ed and/or re	ith an ANNUAL INSPECTION and found to be in an airworthy condition. The epaired in accordance with current regulations of the Federal aviation Administration
and is approved for	return to s	ervice for	r the work p	erformed.	Pertinent details of the repair are on file at this repair station under WO# 2812.
SIGNED Grind	monpre 26	721508 I	A	Midwe	est Flight Check
					St Hight Check
-26-08	125.3				Prained & changed oil + Filter 61+ 48/09-1
-29-02	154.9				Prainel - Changel oil + Filter CA 48 109-18
-1-09	1847				Drained + Changed pil + FILTE mps 332-428
	101100				Huaca 8 15 40 ANTS 18/50 Phillips Acroshell
			•		

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Date /2/01/2015 T.T.6	80.8 Hr. Meter/T:	ach Indication 680.8 TSMOH— ned in Accordance with FAR PART Engine Controls & Cowling	13.
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Compleages Rolfs & Nuits	X Intake & Exh	aust Systems	Bulletis
Oil Screens/Filter Elemen	nt Checked X Oi	hell 15050	Both Rul-tu
Oil Changed-Service with Fuel Sumps Drained & C	h recos	creens Checked X	
Fuel Sumps Drained & C	a Checked & Ca	rburetor Heat Checked	were Remon
n Charlend	Y Prop Conditio	on Checked A	0/44 (see 8130-3-
ME-I - Damarad Emam Pr	on Edges & Diffe	erential Compression Checkeu as rou	owis: and Reinstall
114 7/ 112 /5 42 74	L #1 /5 #5 10	#6 66 #1 #0	
AD Compliance List at I	Rear of Log. AD Con	npliance Checked Through Issue 20/3	
I Certify That This Engi Inspection And Was For	ne Has Been Inspect	ed In Accordance With A ANNUAL	
Inspection And was rou	ma to be in Air worth		Rum up and
Simuel Edward.	DVANKOH A	& P# 3502862 IA	- Book Datis
Signed.			check rous
	The circust	and or component identified below.	
		and or component identified below was accordance with current Federal Air	
	found airwort	thy for return to service. Pertinent d	etails of the repair are
		agency under Work Order Numbe	
	Engine Mode	TSIO-550-G Serial Nu	mber: 915011
			1110C1
	Date: 03/1	10/2017 Signed: X	_10//_
		for	F.A.A. CRS MW2R020L
			1701 E. Main Street
		& NAircraft, Inc.	Griffith, IN 46319 (219)924-7110
			(213)324110
	03/10/17 11:22	:29 DISASSEMBLED, CLEANED, INSPE AS NEEDED, REASSEMBLED, & DY	CTED, REPAIRED PAGE 2 NO TESTED
		USING THE FOLLOWING PARTS:	
	Item	Item	Quantity
	Num.	Description	
	653746 654490	Gasket Nut	12
	65458744	Cam bolt Bushing	**
	655958	Bolt	12
	656990 656991	Screw.312 Gear	1
	657452 658595A3BP	Sleeve-Starter Shaft Cylinder & Valve assy	1
	* * * E N D C	FREPORT * * *	

inspected	aft and or component identified be aft and or component identified be in accordance with current Feder worthy for return to service. Perting worthy for return to service. Perting worth of the work o	ent details	of the repair are	inte)irretin	nai	1Ce	R	ecor(
on file at	this agency under		HIG COLUMN TO LAND THE PARTY.	_			-	
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Date:	3/10/2017 Signed / Signed		- LOCAMAIODOONI		1	1	6	100
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	G&N Aircraft, In	(2	19)924-7110					
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MS9970-117 NAS1805-4	O Ring		1		SB	B2	SB	15 17
RG-632459	Nut-Selflocking TCM V/C Gasket		12	- 11	09	6	96	101,
RHB32E S539800M15	Spark Plug	**	12		8-	-	8-6	88
X1473	Spring Washer	**	6		SA	SB	100	#
10-357520 350998	Gasket Bushing		2			27		
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546605	Bearing Set Nut		1					
549205 549703	Bolts		6					
549924	Piston Pin Nut		4					
553171	Seal		1					
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inspecte	raft and or component identified of accordance with current Fewerthy for return to service. Perworthy for return to service.	artinent details	of the repair are	ntena	nce	Realing	ecord pactions
on file at	this agency under		THE CHERT LANGE BY			-	
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	for		01 E. Main Street		L	7	E
	G&N Aircraft,	nc. Gr	iffith, IN 46319	4	0		#
	COCTATALOR	(2)	19)924-7110				A
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NAS1805-4	Nut-Selflocking		2	_	26	BS	5 M
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Edward D. VanReeth 7-4-17 769,6 014+Filter Aerushell 1000	
Date 4-24-208 T.T. & 1 Tach Indication 823.1 TSMOH TSTOH 79.4 Engine Inspection Performed in Accorance with FAR Part 43. Engine compartment Engine Mount Engine Controls Cowling Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos Coil Screens/Filter Element Checked Oil Filter Changed Checked Fuel Sumps Drained & Checked Fuel Screens Checked Fuel Screens Checked Fuel Screens Checked Fuel Sumps Drained & Checked Carburetor Heat Checked Prop Governor Checked Frop Condition Checked Nicks Removed From Prop Edges Differential Compression Checked as Follows: #1 17 #2 75 #3 79 #4 76 #5 77 #6 73 #7 #8 #9 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 20/8 / 57 I Certify That This Engine Has Been Inspected In Accordance With A Annual Inspection And Was Found to be in Airworthy Condition. Signed: Summad D Jankart IA# 3502862 Edward D. VanReeth	Run up and les check Satisfai
Date 64-01-2019T.T. 862.8 Tach Indication 862.8 TSMOH — TSTOH 119.1 Engine Inspection Performed in Accorance with FAR Part 43. Engine compartment Engine Mount Engine Controls Cowling Colleaned Fuel Injector Nozzles Colling Baffles Cylinder Base Studs Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos Oil Screens/Filter Element Checked Oil Filter Changed Charles Oil Changed-Service with Carburetor Heat Checked Magneto Points & Timing Checked Magneto Points & Timing Checked Magnetor Checked Magneto	Reset both mag. to 24 BTC Runs and beak check satisfactory

Date 3-29-2017 T.T. 743.0 Tach Indication 743.0 TSMOH TSTOH	Id Maintenance Record Inthiness Directives, Special Inspections, tins Reinstalled Engine Onto Mooney NG11 Dround Run up a Leak Check Ratisfa
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Date 64-01-209T.T. 862.8 Tach Indication 862.8 TSMOH— TSTOH 119.1 Engine Inspection Performed in Accorance with FAR Part 43. Engine compartment Engine Mount Engine Controls Cowling Coleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs Checked & Cleaned Air Filter Cooling Baffles Cylinder Base Studs Crankcase Bolts & Nuts Intake & Exhaust Systems Turbos Oil Screens/Filter Element Checked Oil Filter Changed Charles Oil Changed-Service with Checked Carburetor Heat Checked Magneto Points & Timing Checked Carburetor Heat Checked Magnetor Checked Prop Condition Checked Magnetor Prop Edges Differential Compression Checked as Follows: #1 75 #276 #3 80 #474 #5 77 #6 70 #7 #8 #9 Ad Compliance List at Rear of Log. AD Compliance Checked through Issue 2019 / 05 I Certify That This Engine Has Been Inspected In Accordance With A Inspection And Was Found to be in Airworthy Condition. Signed: La# 3502862 Edward D. VanReeth	Reset Leoth mag to 24 BTC, Runs and Leak check satisfactory

Brought Forward		Last Overh	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
Brought Forward	Hrs. Min.	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	Min. Modifications and Service Bulletins
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2-2-2020	000		oil+ Filter Aeroshell 100 8 qts zuvreige
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Engine compare Cleaned Fuel Ir Checked & Cleaned Fuel Ir Checked & Cleaned Fuel Ir Checked & Cleaned Fuel Screens/File Oil Screens/File Oil Changed-Se Fuel Sumps Draw Magneto Points Prop Governor Nicks Removed #1 77 #2 78	tment K Injector Nozzles aned Air Filter s & Nuts K ter Element Che ervice with one ained & Checked K Timing Che Checked K F I From Prop Ed 1	Engine Moun K Clea Coolin Intake & ecked K ecked K Prop Condition lges K Log. AD Co	Indication 894 0 TSMOH erformed in Accorance with FAR Part 43. Int
Inspection And	Was Found to b	be in Airwort	thy Condition.
Signed:	Edward	Dilank	Let IA# 3502862
	Edward D. Var	nReeth	
gine compartment eaned Fuel Injector ecked & Cleaned ankcase Bolts & No Screens/Filter Electron Points & Time of Governor Checks Removed From The Table 1 (2) 1 (2	Engine Insp t	ction Performed Mount X Cleaned Cooling H Intake & Exl ARROSKE Fred X Carbo Condition Conditio	rential Compression Checked as Follows: 6
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		The second secon	

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
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rought Forward		→			
	TCM TSI	0-550-	G1	N611N A.C.T.T	SN: 915011 :: 963.2 TSN: 963.2
checklist. cleaned, gapped ollows: #1 78/86 cope (no defect 022-17. I certify letermined to be a letermined to be letermined	and roto #2 70/ s). No of this end and and and and and and and and and a	ated spains and spains at a spain and spain an	park plu 77/80 #4 ge at this as been hy cond 1 1 el: M20T rSN: 973	gs. Check 74/80 stime. A stime	with CFR Title 14-part 43 appendix d and Mooney keed magneto timing. Performed a compression check as #5 68/80 #6 78/80. Valve condition determined by bore All Airworthiness Directives checked through revision ed in accordance with an annual inspection and is this time. Ralph Croft A&P3695170IA.
alph Croft A&P3	695170L	Α.			
		Α.			Cert: 3695170 Sign: Wally
Date: 11/01/2023 Tail#: N611MS Make: Mooney ENGINE TCM Performed an and and Mooney check follows: #1 77/80 Hetermined by bo	ft TSIO-55 nual inspection and the scope a	rs: 980 Mod 0-G1 eaned s 0 #3 78 e inspe 2. I cert	del: M20 S/N: 91 in accord spark plus 8/80 #4 7 ction (no ify this e ermined	TN 5011 dance wings. Perf 6/80 #5 defects	Sign: Mugal Lips S/N: 31-0016
lame: Ralph Cro Co: Date: 11/01/2023 Tail#: N611MS Make: Mooney ENGINE TCM Performed an annual Mooney checked through an annual inspect	TSIO-55 nual inspection and 369517	rs: 980 Mod 0-G1 eaned s 0 #3 78 e inspe 2. I cert	del: M20 S/N: 91 in accord spark plus 8/80 #4 7 ction (no ify this e ermined	TN 5011 dance wings. Perf 6/80 #5 defects	Sign: When I was a secondaria with Sign: S

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