N20RD 2001 Maule MT-7-260

Engine Logbook SNEW 2001 - 2023

Aircraft S/N: 27008C



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1



652 Oliver Street Williamsport, PA 17701 U.S.A. 570/323-6181 2299

ENGINE LOG AND MAINTENANCE RECORD

SSP 1872-	• 1 © 1994 b	y Textron Lycoming "All	Rights Reserved"		Octobe	r 1994
DETAILING TI		HOURS		10	HOURS	
		1.0		то		
FROM	EBRUARY 09, 20	0/	то			19
	MAKE	Μ	IODEL		SERIAL	
RECORD OF	TEXTRON LYCOMING	Io-	540-1.	4A5	1-27612	-48A

lace Engine Certificate Here

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 177	701 Date 02-09-2001
Туре	Model IO-540-V4A5	Serial No. 2 - 27612-484
Rated H.P. 260	Max. H.P. 260	Weight (Dry)
Rated R.P.M. 2700	Max. R.P.M. 2700	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio	and a state of the second second and the second	and share the state of the
Propeller McCAULEV	Hub Design B3D32C414	Hub Serial No. 002883
Blade Design F2NDA-2	Blade Serial No. TIO19, TKOO7	Blade Serial No. 7/C036
Max. Hub H.P.	Max. Blade H.P.	e la
Pitch	Diameter	Length
Name	the property of the providence of the state of the	The second second
Address		

Serial No.

Data	Ti	me	and the second	21/1	Signature	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		orginature	Number
5-27-01	52	25	CHANGED OI CHARD	15-15	Mylberz	
4			- CHECKED - SCREEKS	and a second	10	660
2-5-01	110	an a salat ang sala	CHANGEd ail HFiller	Aero 15-40	ay Jour	
			and the second			
-7-02	TAC	h13	1.2 ESN 131.2 Changea	1011 AND Filter,	Cleaned scree	en
			Refilled with Peroshell 15	W50 - Pretogned.	A Compression	5
			TEST AS follows 76, 75,77	72,75,76 Cler	wed	
	-		gapped AND ROTATEd SPARK	Plugs. Replaced	EXAUST GASKET	T
			on = 2,4,6 Cylinders with	L NEW HARDWARE	GIDIDIA RAW	n auto
			AND NO LEAKS FOUND I CERT	if that this Ais	CRAFT ENCINC	
			Page Total Brought Forward	All Repair Data Must Bear	the Endorsement of a	1.
			Total to Date	Certificated Mechanic, and Certificate Number MUST b	his Rating and	

Date	Ti	me			L. seit.	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE -	REMARKS	Signature	Number
			has neen INSpected IN AC	CORDONCE WITH A AND	VAL INSPECTION	5
			has been INSpected IN AC AND WAS DETERMINED TO BE Christopher Davage F	IN Aigworth, Con	DITION	
			Christopher Davage F	2+P452397972 IA	and the bar	· Acardia
					in the set of the	
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			4			
					the stand	
					and the second second	
			Page Total	All Repair Data Must Bear t	he Endorsement of a	
			Brought Forward Total to Date	Certificated Mechanic, and R Certificate Number MUST be	nis Rating and e Shown.	

Date	Time Hrs Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	March 17	, 2003	SAL COL	
		Maule MT-7-260 S/N 27008C	ANDRE	
	Tach: 130	5.8	a find the second	
	1. Change	ed oil and filter, refilled with Aeroshell 15W50.		-
	2. Perform	ned a compression test as follows: 78,78,76,76,78,76.		
	3. Cleane	ed gapped and rotated spark plugs.		
	4. Check	ed engine timing.	C.A.	
	5. Lubric	ated engine controls.	Store Star	
		y that this engine has been inspected in accordance with a	And and a	it.
and the second second	annual	inspection and was determined to be in airworthy condition.		Hailes
a na sanata	Chru	topher Davage At 1452397972 IA.		
		Brought Forward All Repair Date Must Beer the E	lorsement of a ing and	
		Total to Date Certificate Number NUS i be Sh		

Date	Ti Hrs	me Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
4/104	167	10	TEST RUN ENGINE, ALL SYSTEMS OK, DRAIN	01 1001	d ablief
		1.1.2	OIL, REPLACE FILTER, SORVICE CRANKCASE WITH	ATMAN	
			8 QUARTS AEROSHELL ISW-SO, INSPECTED FILTER,		
			REMOVE SPARK PLUGS, CLEAP, GAP, ROTATE,	ausal J.L	1215
			RE-INSTALL. CHECK MAG TIMING. CHECKED	ANTIN	
			COMPRESSIONS #1 76/80 #2 75/80 #3 76/80	an ann st	
			#4 77/80 #5 75/80 #6 74/80, INSPECTED HEAT MUFF.	Stores 13	
			COMPLY WITH AD 2002-26-01 BY INSPECTION DUE 100	Has	
			OF ANNUALLY, I CERTIFY THAT THIS ENGINE HAS BEEN	INSPECTED	
			IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WH	S DETERMINED	AIRWORTHY
			Page Total Mail Mail 4624762261A All Repair Data Must Bear to Certificated Mechanic, and Certificate Number MUST bear to Date	he Endorsement of a his Rating and	

	Tir	ne	REPAIRS - ADJUSTMENTS - SERVICI	DEMARKS	Signature	License
Date	Hrs	Min				Number
121/05	211.0	Þ	REMOVE SPARK PLUGS,	CLEAN GAP : ROTAT	7 110 13 65	hi M
+			REMOVE SPARK PLUGS, INSTALL, TEST RUNUP	OIS Mal Dutyfel	462470226	
			37.019 (03/03) (11 , O4	S MERCIA MORE	1124 2111	
805	211.	1	DRAIN OL REPLACE FILT	TER WITH NEW. S	ERVICE	
	1		CRANKCASE BORTS AER	10 15W-50 TEST	SON	
Janga at ta Jag		and keep	CHECK FOR LEAKS. INSP	ELT FILTER NO M	ETAL NOTED	
n e 1	1.10		· ····································	Ucher while APHS:	2470226	
er en	1.		「山口」「「「「「山」」「「「山」」「山」」	ALL SOLO ALL STING	Magnos	
a she ng sana	1.10	1	and the feel was there and the	JUNCH A CECTINY THAT	When a start	
	STORE & Asta		13 10 UKS JOHA LEPTISIUM J	ATVICE CALIFIC AND ANY	ASTR INT AND	
		and	Page Total	All Repair Data Must Bear t	a Endorsement of a	1
		873	Brought Forward	Certificated Mechanic, and h	his Rating and	
			Total to Date	Certificate Number MUST be	e Shown.	

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Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - RE	PAIRS - ADJUSTMENTS - SERVICE - REMARKS Signature	Signature	Number
-15-05	ZB	3	REMOVED SPARK PLUGS, CLEA	ED	- n	
			INSTALLED CHECKED COMPRESS	IDA) AS FRIDADS	A GROUP LAND	
			# 78/80 #276/80 #3 10/80 #4	78/80 #5 77/80 #6 7	80.	
			NO OIL CHADGE THIS DATE, FIL			
			WITH AD 2002-26-01 BY IN	SPECTION DUE 100	HRS	
			OR MUNUMUY. CHECK MAG TIMIN	DG. TIGHTEN R/H TA	IL PIPE	
			CLAMP. I CERTIFY THIS ENGIN	DE HAS BEEN INSPE	LTED IN	
			ACCORDANCE WITH AN AWNULL	INSPECTION AND W	LAS DETERMINED	
			TO BE AIRWORTHY. Malegue	Reft AP 462470226	A	
				0	- energy	
			Page Total	All Repair Data Must Bear t		
			Brought Forward Total to Date	Certificated Mechanic, and Certificate Number MUST b	his Rating and e Shown.	

Date	Ti	me	REPAIRS - ADJUSTMENTS - SERVICE - R	CMARKS	Signature Lice	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - R	EMARKS	1172 (S)	Number
27/06	283	5	TEST RON - WARM ENGINE, O	RAIN ENGINE OIL	15756 (G. 20 20 -	30.0
1	1	REPLACE FILTER WITH NEW				
			FILTER FOR METAL, NONE NO	TED. SERVICE CRANKE	ASE	
			8 QTS AEROSHELL 15W-50. R			
			CLEAN, BOTATE INSTALL. CHE	CK COMPRESSIONS #(78/80	
			#2 77/80 #3 76/80 # 477/80	#5 12/80 #6 79/81	D. INSPECT	
		h.A	MUFFLER REPLACE SHROUD SCA	REWS AS NECESSARY	. LUBE	
	S. S.	ANG)	CONTROLS, AD 2005-19-11	IS APPLICABLE PER	Angolah	
		a second a base	SER. NO. CRANKSHAFT S/N	WILL BE DETERMIN	ED I	0 00
er er verder beser	BEFORE ANY FURTHER MAINT		BEFORE ANY FURTHER MAINTE	NANCE IS Accomplis	HED ALLA	hufell
	1		Page Total Brought Forward	All Repair Data Must Bear t Certificated Mechanic, and	he Endorsement of a	1246247
n ann an ann	Total to Date		and the second	Certificate Number MUST b	e Shown.	

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_		Hrs	Min		TEMATIKS	A A A A A A A A A A A A A A A A A A A	Number
5/10	06	283.	5	ENGINE REMOVED FOR	COMPLIANCE	en la presidente de la pr	
	1	-		AD 2005-19-11, ENGINE	CRATED AND		
				SENT TO LYCOMING FOR			
				Mal Statell A	P 462470226		
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	1				an name and an energy of the stand and an and an an experiment of the stand of the stand of the stand of the st		
7/17	06	288,	5	INSTALLED THIS ENGINE ON	MAULE NZORD S	N 27008C	
	/			AFTER - SEE ENTRY NE	the state of the second st		
				Paga Tatal			
		Page Total All Repair Data Must Bear the Endorse Brought Forward Certificated Mechanic, and his Rating		the Endorsement of a bis Bating and			
	Brought Forward Certifica Total to Date Certifica		Certificate Number MUST	be Shown.	- man and a second of		



A Textron Company

652 Oliver Street Williamsport, PA 17701

6/15/06 Engine s/n L-27612-48A was returned to Lycoming with 283.5 TT for compliance with Service Bulletin 566 (AD 2005-19-11). Engine was disassembled, cleaned, and inspected. Cylinders were honed. Engine was reassembled replacing the crankshaft with s/n V537943772 and gears. Also replaced were all: bearings, rings, hardware necessary for the repair, tappets, camshaft and gear, piston pin plugs, 1 piston, rocker assemblies, fuel pump, fuel pump plunger, oil temp control valve, and all perishable items. Engine was tested in accordance with Lycoming Specifications and is determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 240S, 342E (2002-26-01), 475C, (2004-10-14), 554, SI 1267C, 1424, 1487. All pertinent data relating to this work is on file at Lycoming upder work of der C6X27612.

> J. Jeffries Repairman Cert. #2748724 Repair Station EJ1R115K

END

Date	Tir Hrs	ne Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
37/17/06	285 263,		INSTALLED THIS ENGINE ON MAULE NZORD AFTER REPAIR AND COMPLIANCE WITH AD ZOC	and the second sec	a la la companya da l
			NEW OIL FILTER AND SERVICED CRANKLASE B RTS AEROSHELL 100 CHECKED COMPRESSION	$\frac{\omega_{1}}{25} \pm \frac{79}{10}$	#2 78/80
			IN ACCORDANCE WITH MANUFACTUREDS (MALL	a transferrer of the second)
			SERVICE MANJUALS. (CERTIFY THAT TE THIS INSPECTED IN ACCORDANCE WITH AN ANNUAL) WAS DETERMINED TO BE IN AIRWORTHY CONDIT	and the second second second second second	
NDĨĖ. PIT	IDP/ST	ATIC	CERT OUT OF DATE McMulul M 462 Page Total All Repair Data Must Bear th Certificated Mechanic, and h Certificate Number MUST be	ne Endorsement of a his Rating and	

Date	Ti	me	DEDAUDO AD HICTMENTE CED	VICE - REMARKS Signature Lice
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SEN	VICE - HEIMAINO Nu
18/06	292.	80	REMOVE ENGINE FR	OM MAULE NZORD
1.	1 : 2		FOR COMPLIANCE WI	ITH SPECIAL ADVISORY
			NO, 88-806, ENGI	NE CRATED AND
	A.	No.	SENT TO LYCOMING	FOR REPAIR.
Carries	Lynn	11	Mal Duly	fill AP 462470226
t and experience for the	1.00	1035	and and a station	wants they aschools in the
4336			and an an an and an and	FRENDS I COMPLETEN DEVERT
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the Brand Harring and			401/10402 FTITSONSI	A LINE OF BUILDING TO PROF !!!
an a successive standard and	and a second	A	1 MARSHAR MARSHAR	A PANE CONTRACTOR OF THE STATE
	15	1988	Page Total	All Repair Data Must Bear the Endorsement of a
		1.00	Brought Forward	Certificated Mechanic, and his Rating and
And the product of the second s	S. S. A. Mark		Total to Date	Certificate Number MUST be Shown.



652 Oliver Street Williamsport, PA 17701

10/11/06 Engine S/N L-27612-48A was returned to Lycoming with 292.8 TT for inspection/repair due to possible contamination. Engine was disassembled, cleaned and inspected. The engine was reassembled replacing hardware necessary for the repair, and all perishable items. Engine was tested in accordance with Lycoming specifications and is determined to be in an airworthy and safe operating condition. All pertinent data relating to this work is on file at Lycoming under work-order CR6840-9.

END

B. Upright Repairman Cert. #2749912 Repair Station EJ1R115K

Lycoming IO540-V4A5

Serial No.

S/N L-27612-48A

All Renair Mets Must Same

N20RD

License re Number

Tach 294.7 Total Time 294.7 Installed This Engine on Maule M-T-7 N20RD After Inspection/ Repair From Lycoming. Installed Governor After Disassembly by Byam Propeller. See 8130. Installed Propeller After Flush From Byam Propeller. Flush Oil Cooler. Test Run, Adjust Governor for Proper RPM and Oil Pressure. Flight Test Satisfactory. All Systems **Operational.** All Work Performed in Accordance with

Manufacturers Service Manuals

Mark Whitfill AP 462470226

10/24/06

Date

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nt of a

Time DEDAIDS AD ILISTMENTS - SERVICE - REMARKS Signature

N20RD 4/21/08

Date

IO 540-V4A5 Tach 365.1

Ser. No. L-27612-48A TT 365.1

Drain Engine Oil, Replace Filter, Inspect For Metal None Noted, Service Crankcase with 8 qts Aero 15-50. Check Compressions #1 76/80 #2 74/80 #3 77/80 #4 72/80 #5 77/80 #6 78/80. Check Mag Timing, Inspect Exhaust. Cleaned Spark Plugs. Comply with AD 2002-26-01 by Inspection of Fuel Injection Lines. Due Tach 456.1 or Annually. Complete AD Listing Separate Aircraft Records. I Certify That This Aircraft Has Been Inspected in Accordance with an Annual Inspection and was Determined to be in Airworthy Condition.

Mark Whitfill Mat Jong C

AP 3311851 IA

: of a

License

Number

Date	Time			Signature	License	
	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	in the second	Number	
623/09	492	.2	DRAIN ENGINE OIL, REMOVE FILTER, INSPECT			
	1 1		FOR METAL, NONE NOTED,		in the last	
			8 QTS 15-50 AEROSITELL.			
			#1 78/80 #2 76/80 #3 27	Charles I.		
		to these third growthese	#6 TT/20. CHECK MAG TIMING. REPAIR			
		na man ngalegan	CARB HEAT CABLE END, INSPECT MOUNT, INSPECT			
		n - a - a - a - a - a - a - a - a - a -	EXHAUST COMPLY WITH AD	mapid	1 Alexandre	
	- A	en in staar opdieser	BY INSPECTION OF FUEL INJECTOR LINES, DUE			-
		- Geographic	ANNUALLY OR 592.2 TACH. 1	and teres 2		
		a contractoria	NIA BY PART NO. 2009-02-03 NIA BY			10 3 33
	16 P.	- Inner Million	Page Total Brought Forward	All Repair Data Must Bear the El Certificated Mechanic, and his R	ating and	
	and the second second		Total to Date	Certificate Number MUST be Shown.		*

Date	Ti Hrs	me Min	REPAIRS - ADJUSTMENTS - SERVICE - REM	MARKS	Signature	License Number
23 04	492	Z	DATE AND PART NO. COMPLETE IN SEPERATE AIRCRAFT RECOR THAT THIS ENGINE HAS BE	DS. ICERTIFY		
			IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN ALRWORTHY CONDITION		Melgruhfill	AP 33719511
				All Repair Data Must Bear t Certificated Mechanic, and Certificate Number MUST b	his Rating and	

Date

N20RD 11/6/2012 IO 540 V4A5 Tach 523.0 Ser# L27612-48A Total Time 523.0

Drain Engine Oil, Replace Filter, Inspect for Metal None Noted. Clean Spark Plugs. Check Compressions #1 78/80 #2 79/80 #3 79/80 #4 79/80 #5 77/80 #6 78/80. Clean Air Filter. Inspect Controls, Inspect Mount, Inspect. Airworthiness Directive 2011-26-04 Complied with by Inspection SB 324F Due Tach 623.0 or 11/13. Complete AD Listing in Separate Aircraft Records. I Certify That This Engine Has Been Inspected in Accordance with An Annual Inspection and was Determined to be in Airworthy Condition,

Mark Whitfill Mar Wifel AP 3311851 IA

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ture

License

Number

Serial No.

License

Number

N20RD 11/22/2013

Date

IO 540-V4A5 Tach 526.0

Ser. No. L-27612-48A TT 526.0

Drain Engine Oil, Replace Filter, Inspect For Metal None Noted, Service Crankcase with 8 qts Aero 15-50. Check Compressions #1 76/80 #2 78/80 #3 77/80 #4 74/80 #5 75/80 #6 76/80. Comply with AD 2002-26-01 by Inspection Of Fuel Injection Lines. Due Tach 626.0 or Annually. Complete AD Listing Separate Aircraft Records. I Certify That This Aircraft Has Been Inspected in Accordance with an Annual Inspection and was Determined to be in Airworthy Condition.

Mark	Whitfill
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Page Total

Total to Date

AP 3311851 IA

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

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	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS			
and the second second second		-	N20RD 02/27/2024 Tach 0527.7 T	Т 0527.7 _		1
K. manager in	1.37 107		Drain oil, replace filter, service with8	Qts AeroShell 15W50.		4
and the second second	1010 March		Compression Check #1-79/80, #2-	-78/80, #3-79/80, #4-	and a second second second second	
			65/80, #5-62/80, #6-78/80.			
			CW AD 2002-26-01 inspection of fue	N AD 2002-26-01 inspection of fuel injection lines.		al al an
Service Concept	1252722		I certify I hasve inspected this	engine IAW annual		
	and present starts		inspection requirements and found	d to be in airworthy -	in the second	and the second second
			condition.		and the second	1
	1.1.1.1		All AD's are current as of this date.			
and the second	Sec. 1	-	Return to service.	/		
A state and a factor	and a second		Charles H. Soude	and a set of the set o		
	200		IA3268858A&P			
an a			1732080367&F	JOARP		
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100	and the second	Acres 1	Brought Forward	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	Townshi and	
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