



TEXTRON Lycoming

Williamsport Plant Textron Lycoming/Subsidiary of Textron Inc 652 Oliver Street Williamsport, PA 17701 USA 717/323-6181

IN SERVICE DATE 0 6 0 1 9 2 ENG. 2 3 . 3

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

4	ENGINE RECORD — GENERAL INFORMAT	ALIK
MANUFACTURER Sycoming		0-540-AFIA
SERIAL L-9336-611	f	YPE CERTIFICATE F14EA
THIS ENGINE IS CURRENTLY INSTALLED IN	AIRCRAFT Mooney M20M	27-0132 N46BL
Engine Times	AIRCRAFT Mooney M20M	
•	OIL GRADE SUMMER	
MAGNETO TIME	POINT SETTING	FIRING ORDER
SPARK PLUG GAP		
MFG. RECOMMENDED OVERHAUL AT	2000 HOURS.	



DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-4	42	10 21	42	Bill Larson 91022
8-10	68	102	68	Dill Laven 91022
9-29	95	10 Cet	9.5	Bill Lanen 91022
11-13	119	LOCT	lia	Bill Larson 91022
193/2	145	IGAT	145	Bill Larron 91022
5/17	169	IOOT	169	Bill Larren 91022
73	198	1001	198	Bill Laven-91022
7-14-93	188.5		188.5	ANNUAL INSP. Checked compression #1. 76/80 #2. 7%
,		9		#3. 7/80 #4. 1860 #5. 76/80 #6. 7/80. Checked mag. Tiping
				TORNS Cleaned INSP- and reignstalled fuelingeror Norrels
		47.7		INSPECTAL Exhaust system. Lubricated all controls. Cleaned
				reagapped, andreins alled sparkplus - Inspected electrical
				Next page ->

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-14-93	188.5	_	188.5	systems, ALT-, and starter. Washed and ran Eng. Checked for Oil leaks - NO Leaks
				Checked for O.L Leaks - NO Leaks
				Mula las Known 564372457 175P
				AD'S CHECKED THRU, 93-12 I CERTIFY THE
				THIS ENG. MAS BEEN INSPECTED IN ACCORDANCE
				THIS ENG- MAS BEEN IMSPECTED IN ACCORDANCE WITH A ANNUAL IMSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				SIGNED: Server CONDITION.
				TA WOODSUAP
				,

9-12 223 1007 227 Bell Larson 910 22 11-14 248 1007 248 Bill Larson 910 22 3-2-94 27 H 1007 27 H Bill Larson 910 22 5-3194 298 1007 298 Bill Larson 910 22 8-3194 3 47 1007 347 Bill Larson 910 22 10-7-94 381 1007 381 Bill Larson 910 22
1/-14248 1007248 Bill Lanem 91022 3-2-94274 1007274 Bill Larson 91022 5-31-94298 1007298 Bill Larson 91022 8-31-94347 1007347 Bill Larson 91022 10-7-94381 1007381 Bill Larson 91022
3-1-94 17 H 10GT 27 H Bill Larson 91022 5-3194298 10GT 298 Bill Larson 91022 8-31943 47 10GT 347 Bill Larson 91022 10-7-94381 10GT 381 Bill Larson 91022
5-3194298 1007298 Bill Larson 91022 8-3194347 1007347 Bill Larson 91022 10-7-94381 1007381 Bill Larson 91022
8-3194347 1007347 Bill Larson 91022 10-7-94381 1097381 Bill Larson 91022
10-7-94381 1097381 Bill Larren 91029
1-20.95 HOS 105 1108 Bill Pandon 91022
1 DU LI FEU TOUT AND WALKET TO LAND
H-14-95 437 1001 H37 Bill Larson 91022
6-5-95 466 1007 466 Bill Larson 91022
7-27-95492 100T 492 Bill Larren 91022
8-27-95 520 1097 520 Bill Laren 91022
10-13-955461001546 Bell Larsen 91022

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July	26/9	44	HOSE	8 323 woh Eveging
Es .	mp	rés	row	1 79/80 2 78/80 377/80
4	78/8	0 6	78,	80 6 77/80 Changed
0	15h	0//	15w.	so changed Filton CH48/18
IN	STAL	red	Due	hauted Tripofrom Lycoming.
In	TALL	ed	1 leu	Aller NATOr MSTACLED
Ove	ChAC	ile	JP	Op Governor-Lubed
05	17/	0/5	- G	round bun Asper
m	2010	27	~ T/	actions-Cleaned Plags
6	or p	Pore	de	Foils checkwork order
19	00	19	anili	mar Min. 56201
	Margiri State of 1994	EMR DEFEE	Li ma muit	eri Romanno
2007 8	235.75.4.215	146		

DATE	RECORDING		TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
	TACH	TODAYS	TIME IN	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
9	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	<del> </del>		<b>——</b>	
	1			n
				I hereby certify that this faircraft) has been thoroughly inepected as per exist
				(engine)
THE A	HORAFT AND	OR COMP	MERT	
	HELED ABOVE			FAR's in accordance with a (seems) inspection and found to be in an airwor
				(100 hr.)
	STED IN ACC	MINNE H		7.22
	ENT REGULATI			condition. Tech Time 323 Hrs. A/C Total Time 323
AVIAT	ON ADMINIST	PATION A	10 15	CONDUCT. 1801 TIME TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO
APPRI	OVED FOR RET	UREN TO SE	RVICE.	
PERT	HENT DETAILS	OF THE P	PASS	T.S.M.O.HHrs. Engine Total TimeH
ARE (	ON PILE AT TH	S REPAIR	STATION.	Vew 722
1000	OFICER &	/ PATE	26094	Date of Prop O.HTime &.P.O.H.
UNLIC	******	1/-		£ 1 100e
SICN	MA /	1/1/4	Ve-	July 1995
0			V	Next annual Inspection due
	WILLIAM AND	STATES A		5 1. 11 MOCLODEST DRAISE
CES	ISTRO1SF			Jungar 1917 CD BICODO
				Date Signature and License Humber
				WILLMAR AIR SERVICE, INC., WILLMAR, MINNE
				6 LHOURS

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/17/95	512,7		512,7	No oil change, c/w 5, B, 5/8c log inop of oil temps walve -OK, due again 8/96, c/w A.D. 93-02-05 by inop of ful injector lines-
COMPS	ESSION			OK due again next annual or 100 hour inopection. A.D. 94-14-13 N/A to N' number. A.D. 95-07-01 N/A to Festron Lycoming factory angine. New spark plugs installed P/N RHB37E. Elick S.B. 1-86A+1-89 UN
1)77/80 4)77/80	2) 18/8 5) 78/8 5: 1	0 3) 79	/80	Strut bolt P/D LW-38-075. I certify that this EDGWE has been inspected in accordance with AU AUDUAL inspected in accordance with AU AUDUAL inspected in accordance with a survey in a su
	and tim	d proper	ly, checked ed engine.	prop for leaks and greass.  Signed: Brian Kotso  AA 303 764158

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-6	573	573	573	108T. Bill Larren 91022
1-6-96	600	600	600	1097 Rill Larson 91022
3-2-96	630	630	630	109T Rill Lavion 91022
7-2-9	662	662	662	1007 Bill Larran 91022
10-9-96	717	717	717	100T Bill Larren 9/022
1-3-9	744	744	744	10GT Bill Larson 91022
3-6-9	7-770	770	770	10GT Dill Larin 91022
			100	the distance of the state of th
-				Functionally checked engine.

-	ENGINE TIO540AF1A N# 46BL	TACH TIME 687.80 HOBBS	$\vdash$
		D/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS	-
		D WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.	_
	DESCRIPTION OF WORK	. AD COMPLIANCE METHOD NEXT DUE	_
	DESCRIPTON OF WORK .#1 75/80 #2 75/80 #3 75/80 #4 70/80 #5	93-02-05 INSP. FUEL INJ. LINES 787.80	-
,	75/80 #6 70/80		
	R&R OIL & FILTER SERVICED WITH 12 QTS OF AEROSHELL 15W50	¥.	
	CLEANED AND GAPPED ALL SPARK PLUGS	* *	
	R&R MAGNETO P/N 6360, 6361		
	R&R #4 VALVE COVER GASKET P/N 75906		
			H
			$\vdash$
1	47		-
		,	-
1	1 0 1/6	G((O) 7070 (/)	-
	SIGNED Muhau Juffman CERT		
	SOUTHERN AVIATION MAINTENANCE 197	711-B CAMPUS DRIVE SANTA ANA 92707 (714)852-8420	

DATE 08/18/96 ENG. SN#L-9336-61A

ENGINE TT 687.8

687.80

SOH

DATE	1	<b>-</b>		CUTTER	AVIATIO	N,	INC.	u o #	, J3406	BER OF NTRIES.)
	MODEL S/N REG #	M20M 27-0132 N46BL		SI	ky Harbor Airpor Phoenix, Arizona 602 <u>-271</u> -1237	t		W.O. # HOBBS TIME ENGINE TT	791.5 791.5	
	ENG MOD ENG S/N	TIO-540-AF1 L-9336-61A	А	FAA Approved	Repair Station	No. E	KGR571D			
	DATE 05/2		NED			م	de			
	Compressi and inspe	on test resu cted; ground	lts: #1   ran, l	78/80 #2 73/ eak checked (	/80 #3 78/80 4 JK. *****END*****	79/80	#5 78/80 #6	75/80; oil filte	r cut oper	
	*******	********	******		EUD.	****	******			
		-								
		-		-		•		<del> </del>	· ·	
				*						

19	MODEL	M20M 27-0132 N46BL	сит	TER AVIA	Airport	INC.	W.O. # HOBBS TIME	J3650 818.0	'ONS MBER OF ENTRIES.)
	ENG MOD ENG S/N	TIO-540-AF1A L-9336-61A		Phoenix, A 602-273- oproved Repair St	tation No.		ENGINE TSO	818.0	
	Completed #1 78/80 Aeroshell	annual inspec #2 77/80 #3 77 w100; oil sam	tion per Mo /80 #4 78/8 ple taken f	poney M20 series 30 #5 77/80 #6 78 for analysis; oil	inspection 3/80; change	guide; cylinde ed oil and filt	r compression c er, serviced wi	heck th	
_	engine ti	d rotated lower ming; complied al & leak check	with AD 93	igs; replaced upp 3-04-05 fuel inje	per spark piector lines	lugs; adjusted l inspection; dre	ected; cleaned, left magneto to essed prop; gro	gapped, und ran,	
_	I	CERTIFY THAT I	THE ENGINE DETERMINED	IDENTIFIED ABOVE TO BE IN AIRWORT	WAS INSPEC	CTED IN ACCORDAN	NCE WITH AN ANN FILE AT THIS A	UAL GENCY.	
		ATE 09/02/97	SIGNED	W	(D*********	***********	********	*******	
	_								
	+								
		+ +	-						

DATE 1918	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-	13-98	•	Hobbs	861.4
	1 Ins	10/1	Lycom	ing Kit OSK22169 & CW Money Some
In	Stree	4,-		0-101C 3 Change oil Shell 40 no
4	Chung	- 0,	1 Fil	tor 5. Change All Rocker Shalt 6 Rewalt
All	Rocke	r A	rm 7	Change for Posh Rod 8 Change All
Roc	Ker Co	~ ~~	GasK	
			API	856924 IA m & park
				(New Cyls. elistons Brand upgrade)
				11.)
5-04	890	Mogts	890	Changoil ésande (OK) SKB
1-06	947	10gts	947	chegoil : Fitter ) SKB
		/		

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10	-15-98	;	Tuch 9	76.1
	1 11	igny	Aux	Vaccun Prop
	I	orti		
1/4	۹۷۷.	orda.	a wi	This enging has been inspected in an Annual Mapertian and was
de	term:	Yed.	to br	in Amathy Condition
			M	P1856924IH
				m R pla
				//

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	11-5.	99	Tac	6 1134,0
	10	hang	- 0.1	Shell 15-50 & Change Oil Filter
	3 R	Place	-d	A~ Filt-
	I	Cort:	ty M	at This rusing has been inspected
/i	950	0-00	~ ce	with an Annual inspection and was
de	termo	-d	to be	at this engine has been inspected with an Annual inspection and was
				1856924 IA
				me hope
				• /

_	Date: _	06-28-00			CENTER	Shop Order	2281	ONS IMBER ENTRI
_	N#		pe A/C M20		214.7 Tach/Hobbs	1214.7 Landings	N/A	
-					k check satisfact	eroshell 15W50 o tory.	ii. Oii	
-					d inspected in accord	lance with current	11	
. <del>-</del>	Federal A	ir Regulations ar	nd was found airv	vorthy for return to s	ervice. Signed	AP 52535366	fellow	_
-	ı	1	1 1					
_								
-								
_				60				
_								

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-14-6	p	TACH HI385	1288.6	
		工	CERTIFY	THAT THIS ENGINE HAS BEEN INSPECTED
	IN A	CORD	ANCE .	WITH AN ANNUAL INSPECTION AND WAS
	DETER	MINED	TOE	BE IN AN HEWORTHY CONDITION.
				AP 528199231IA
				Time tolel
-				
-+				
ı				

DATE	RECORDING		TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19	TACH	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12	-13-0	)	Tach	1353.4
	101	ans	011	Shell 15-50 2 Change oil Filty
	IC	er y: 4	7	of This onging has been Inspected
in	qcc	ordo	eucr	with an Annual Thopasty and
iv c	s de	Joemi	med -	to be in Assenting Condition
			A G	1856924 -
				in f fruit
4-2	5-02	Ho.	obs 19	116.2
	10	grs	. 011	5holl 15-50 2 Chance oil Filta
3	10be	600		2
		A	P18569	24 IA m Chil

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				Υ
DATE	RECORDING	TODAYS	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19	TACH	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	1	1210111	SERVICE	MECHANIC OR REPAIR PACIETY. (SEE BACK PAGES TOR OTHER SPECIFIC ENTRES.)
6-6-0	HOSB	5 14	19.4	
				SONT TURBO & WASTEGATE FOR GIT, CLEANED
				INJ. NUZZLES, REPLACED FACTORY EST PROBE.
				GRUUND RUN ENS -NO LEAKS FOUND.
				AP528199237IA
				Train Supl
				PIG

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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
-21-12	HOBBS	1452.	2	
			1- CH	6 ENG DIL, ADDED 10 ATS SHELL 15 WSD
			2- CH	S ENG OIL FILTER, CUT OPEN OLD FILTER
				AND CHKD FOR METAL.
			7- R	PLACED TURBO WITH OH UNIT, DRE TO
			BA	D OH OF TURBO IN LAST ENTRY.
				AP 528199277IA
			,	Train Hulel
				0-10

DATE	RECORDING	THE RESERVE OF THE PROPERTY.	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19	TACH	TODAYS FLIGHT	SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
DECO	2 H031	35 <i>15</i>	16.6	
		1- C	46'D 2	NG DIL. ADDED ILLETS SHELL 15 WSD
		2- Cm	SO ZN	IS AL FILTER, CUT DEN OLD FILTER NO METAL FORENO
				CRACKED EXHAUST STACK.
		4- R	FPLACED	# 3 EGT MOBE.
		5-6	NO RILL	I. NO LEAKS FULLIO.
			TU	ETIET THAT THIS ENG HAS BEEN INSPECTED
		en xc	CORDAN	CE WITH AN ANSWAL INSPECTION AND WAS
		DETE	emin <del>e</del> D	TO BE IN AN AIRWORTHY CONDITION.
				AP 526199237IL
				Paris Alube
				010

19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/20/03	TACH	1520	.O R	epaired #5 lower spark play lead and
	reposi	Tonec	1 lead	1. Cleaned #1 lower play. run up ak-
	Da Pa			N Diego Arrmotice CRS OUBRAGG -
				ÿ
25 FEB 03	HUBBS	1526	.3	
	RESLAG	ED B	OTH MAG	NETO'S WITH NEW OF SAME PART # 3, 1 = 4.
	The second secon			BENOJE 6361. GND RUN CHE OK.
		_		Joing Auhl AP 52819923TIA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTER ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECI	NUMBER OF
	Hob	bs 173		Inc. 2-7-2005 N46BL 50W; 2. Change oil filter.	
		i inspeci	that this tion and f	s engine has been inspected in accordance with an found to be in airworthy condition.  AP1856924IA	

3,€6			
MAKE: Mooney	Cruiseair Aviation, Inc.		TE: 7/15/2005
MODEL: M20M		7,7	VC TSN: 1781
S/N: 27-0132	Repair Station No. LF3R655L	3.5	HOBBS: 1781
REG. NO: 46BL	2428 Montecito Road		
WORK ORDER:	Ramona, CA 92065		
1591-07-2005	Phone: (760)789-8020		
ENGWE Entries			
		ing about on #1 and toot our absolved good	
tested # 1 spark plug lead	is cleaned and gaped lower spark plugs, performed compress	tion check on #1 cyt. test run checked good.	
Maintenance Onleans Th	a sizeral and/or component identified above was renaired and	d increated in accordance with current Federal Aif Ke	ecuiations and
was found airworthy for re	ne aircraft and/or component identified above was repaired and	is agency on Work Order shown above.	
was found airworthy for re	eturn to service. Pertinent details of the repair are on file at the	is agency on Work Order shown above.	
was found airworthy for re	eturn to service. Pertinent details of the repair are on; file at the	is agency on Work Order shown above.	
was found airworthy for re DATE: 7/15/2005	SIGNED: SIGNED:	Work Order: 19	591-07-200
was found airworthy for re	SIGNED: David Curtis	is agency on Work Order shown above.	591-07-200
was found airworthy for re	SIGNED: SIGNED:	Work Order: 19	591-07-200
was found airworthy for re	SIGNED: David Curtis	Work Order: 19	591-07-200
was found airworthy for re DATE: 7/15/2005	SIGNED: SIGNED: David Curtis Certified Repair Station No. LF3R655I.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
was found airworthy for re DATE: 7/15/2005	SIGNED: David Curtis	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
DATE: 7/15/2005  The Flight	SIGNED: SIGNED: David Curtis Certified Repair Station No. LF3R655I.  t Shop, Inc. 435/723-3469 N46B.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
DATE: 7/15/2005  The Flight	SIGNED: SIGNED: David Curtis Certified Repair Station No. LF3R655I.  t Shop, Inc. 435/723-3469 N46B.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
DATE: 7/15/2005  The Flight	SIGNED: SIGNED: David Curtis Certified Repair Station No. LF3R655I.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
DATE: 7/15/2005  The Flight	SIGNED: SIGNED: David Curtis Certified Repair Station No. LF3R655I.  t Shop, Inc. 435/723-3469 N46B.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
The Flight  1. Change	SIGNED: SIGNED: Survive Signed Curtis Certified Repair Station No. LF3R6551  t Shop, Inc. 435/723-3469 N46B: e engine ignition harness.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com
DATE: 7/15/2005  The Flight	SIGNED: Survice Pertinent details of the repair are on file at the SIGNED: Survice Signed Pertinent David Curtis Certified Repair Station No. LF3R6551.  1 Shop, Inc. 435/723-3469 N46B engine ignition harness.	Work Order: 19 Printed by EBis 3 (dates	591-07-200: omedia.com

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES A	AUST BE ENDORSED W	TIONS, TESTS, REPAIRS ITH NAME, RATING AND (SEE BACK PAGES FOR	AND ALTERATIONS OCERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES
						-	
The Fli	ght Shop,	nc./435-	723-3469	N46BL	3/9/06	Hobbs 1800.5	
Engine							
1. Chan	ige oil Shel	115-50;	2. Change	oil; 3. Res	et throttle fuel pun	np switch.	
					ed in accordance		
	on and four						
AP1856 License	6924IA Number			•	William R. Bridg	her est	
-	Т		I	·			
	10.5	1-06	<i>t</i> }	obbs	2967.6		
			c hay	- 0.1		50-2 Char	oil Filt
					01-1-		

19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATION ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMB MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC EN	ER OF
	The I	light Sh	op, Inc./43	5-723-3469 N46BL 01-23-07 Hobbs 1874.2	
		1. C	hange oil,	Shell 15-50W; 2. Change oil filter,	
	AP18	356924I <i>A</i>		-n Rhy	
	_	se Num		William R. Bridges	
-				Ï	

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALL ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICA MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SP	
Engir				5	
1. Cha wasteg	ate.			0; 2. Changed of filter; 3. Replaced exhaust gasket on been inspected in accordance with an annual	
inspeci	tion and fou	und to be	in airwort	thy condition.	
	66924IA e Number			William R. Bridges	
* 19	I 1				

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATION ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMB MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC EN	ER OF
	-		e Flight S gine	hop, Inc./435-723-3469 N46BL Tach 1993.6 11/14/08	_
	+		1. Cł	nanged engine oil using Shell 15-50; 2. Changed oil filter;	-
	+	٥. ا		ntercooler duct.  tify that this engine has been inspected in accordance with an	_
	†	12	mual inspe	ection and found to be in an airworthy condition.	
	†	AF	18569241	A MIK hal	
	†	Lie	ense Nun	nber William R. Bridges	
	†				_

19	The Flight Ober 1 to 405/70		SER OF						
	The Flight Shop, Inc. 435/72 Engine 2062.8 TSN	3-3469 N46BL 2/19/2010 Hobbs 2062.8							
	Changed engine oil, serviced with Aeroshell 15W50; 2. Changed								
		er, no contamination found; 3. O/H #5 cylinder;	-						
	AP3350928IA	Juny Hulse							
	License Number	Craig Hulse							

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)			
			STC	AVIATION SERVICES, LLC			
I	Date: 3 M	arch i	2010	· · · · · · · · · · · · · · · · · · ·			
	N# N46BL Type A/C M20M Total Time 2063.4 Tach/Hobbs 2063.4 ETT 2063.4 Completed 100 hr Inspection per CFR 43 Appendix D. C/W AD2003-14-03 para (b)(2), AD2004-10-14 no strike, AD2008-14-07 Para (j), AD2009-02-03 para (i) installed new 2577258 gasket. Engine has been test run and leak checked. Owner notified engine exceeds recommended TBO.						
	The / Engine/or component identified above was repaired and inspected in accordance with a 100 hr inspection and was found airworthy for return to service.  Signed  Brent Roberts AP3295375IA						
_							

DATE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-	13-10		20804	2078.5
	Rzv	المحمد	for	01 AP1856924 In -m & m
	DATE: 11	-12-2010	)	TTSN: 2078.5 HOBBS: 2078.5
	MODEL:	TIO-540	-AF1B	SERIAL: L-9336-61A N46BL
				n accordance with Lycoming Parts Manual PC-315-8 and Overhaul Manual 60294-7.
	Crankcase O	verhauled a	nd Certified by	CSI, see release form. Crankshaft Overhauled, Balanced and Certified M.003, see
				10 Camshaft with Lifters and Hydraulic Units, see release forms. Connecting Rods
<del>-,</del>				e release form. All Internal Steel Overhauled and Certified, see release form. Engine
				; 2 each 18A26093M03 Front Main Bearings; 6 each 18D26098M03 Main Bearings;
				12 each 75061 Rod Bolts; 12 each LW12186 Rod Nuts; 1 each STD-2247 Crank Gear
				w; 6 each New 05K22177 Complete Cylinder Assemblies, see release form. 6 each
	LW13790A F	Rocker Shaf	ts; 12 each LW	12892 Thrust Buttons; 6 each 69603 Induction Hoses; 6 each STD-1281 Drain Back
	Hoses; 1 each	71569-1 G	asket and Seal	Kit; 1 each 51A22618 Oil Pump Body; 1 each 05K23463 Oil Pump Gear Kit; 12 each
				624 Magneto Drive Cushions; 6 each LW18737 Upper Deck Hoses; 1 each CH48110-1
				uel Pump, Nozzles, Flow Divider, and Both Slick Magnetos Overhauled and Certified
				ampion Harness and Sparkies Installed. Serviced Engine with 9 quarts of Aeroshell
				with Lycoming Overhaul Manual. For details concerning this Overhaul, please refer
				thaul Facility. Engine tested in accordance with Lycoming Overhaul Manual 60294-7
			n to service. N	faintenance Release Tags supplied with this Logbook Entry END
	J. F. Folchert	111		Aircraft Cylinders & Engines, Inc.
	A&P268945	160.7	<b>FOR</b>	625 Buss Avenue
	77.10	HUM		Greeley, CO 80631
	,			

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTR			
	The state of the s	•	op, Inc. OH 00:00	435/723-3469 11-23-10 N46BL Hobbs 2078.5	_		
	1. Ins	tall in N	146BL; 2.	Replaced engine mounts; 3. Change all engine hoses; 4.	_		
	Replace Q drain; 5. Replace vacuum filter; 6. OH turbo charger; 7. Replace alternator belts; 8. OH alternator; 9. OH prop governor.						
	A D194	54024IA		m R hule	_		
	AP183	56924I <i>A</i>	_	William R. Bridges	_		
	-				_		
	<u> </u>						

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATION ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBERHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES OF THE PROPERTY OF THE PROPERT	BER OF			
	The Flight Shop, Inc. 435/723-3469 04/20/11 N46BL Hobbs 2094.3 Engine							
	1. Change oil Shell 100 ND; 2. Change oil filter; 3. Removed oil standby vacuum pump.							
inspe	I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.							
<u>AP18</u>	56924IA			William R. Bridges				

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT
		/
		_
7		

EGA Aviation, Inc. 2634 Airport Dr. N. Las Vegas, NV 89032 (702) 683-7507 Engine Logbook NS BER OF NTRIES.)

N46BL WO# 731 5 Nov. 2012 Tach: 2116.7 TTSM: 0038.2

TTSM: 0038.2 C/W 100 Hr./ ANNUAL insp. IAW Mooney M-20 MM and checklist. Comp. check as follows: #1 78 /80 #2 75 /80 #3 77 /80 #4 77 /80 #5 75 /80 #6 75 /80 Changed oil and oil filter with 10 qts. AEROSHELL 100 + and CH48110-1 filter. Cut prior filter for insp. with no defects noted. Removed, cleaned, insp. gapped, and checked spark plugs. Check mag timing. Installed overhauled exhaust system from Knisley Welding as follows Riser for Cyl. #4, crossover for Cyl. #2, Stub riser, stack for Cyl.#1 & 3, Riser to Cyl. #5 and stub riser. Installed with new gaskets And locking hardware. Pressure checked exhaust system with no defect: noted. Installed new engine inlet air filter. Installed new JPI CHT probe -P/N 10-18500 to Cyl. #3. Installed new JPI EGT probe to Cyl.#1. Checket All "V" band clamps for proper torque .Checked and tightened all upper deck hose clamps as needed. Installed new grommet for MAP hose on baffle. Installed new fuel line to nozzle clamps as needed. Removed and insp. all fuel screens and filters with no defects noted. Reinstalled and secured as needed. Checked all engine controls for proper travel and

DATE		IS AND ALTERATIONS  ND CERTIFICATE NUMBER OF  R OTHER SPECIFIC ENTRIES.)
	EGA Aviation, Inc.	K OTHER SPECIFIC ENTRIES.)
	2634 Airport Dr.	
	N. Las Vegas, NV 89032 (702) 683-7507	
	Engine Logbook	
	5 Nov. 2012	
	N46BL TTCM: 0038 3	
	Tach: 2116.7	
- 1		•
	and lubed. Removed and cleaned fuel injectors. Reinstalled and torqu	
- 1	TANK ANA DOD TURBO COMPRESSOR AND TURBINE DIQUES WITH HE GOLDEN	
	AD 2005-12-06 Rendix mad Insp. N/A Not Instance.	
	- " A DOOD OF OF CAPUT CIRCULAR INSTAILED WILLII TELLER OF STUTIES	
- 1		
	the total and All AD's checked and C/Wed thru 12-10 Post maint. Tun	
1	up indicates all ops normal and no leaks noted at this time.	*
	I certify this ENGINE has been insp. IAW a 100 Hr. /ANNUAL insp. and	
	Has been determined to be in an airworthy condition.	
- 1		
	Lennie John Guerin 21483690 A/P IA	
	do-lot H	
- 1	John John John John John John John John	
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DATE 19	RECORDING TACH TIME	EGA Aviation Inc. 2634 Airport Dr. N. Las Vegas , NV. 89032 (702) 683-7507 Engine Logbook N46BL TCSM:0053.3 C/Wed 100 Hr. insp. IAW Mooney M20 checklist and MM. Changed oil and oil filter 8 qts. AEROSHELL 100+ and CH48110-1. Cut prior filter for insp. with no defects noted. Comp. check as follows: #1 77 /80 #2 77/80 #3 77/80 #4 78/80. #5 76/80 #6 76/80 Checked mag. timing. Cleaned, insp. ,gapped and checked spark plugs. Reinstalled plugs with new gaskets and torqued IAW MM. Cleaned ing. leads and reinstalled. Tightened vac. pump outlet fitting. Installed new bolt at turbo "Y" pipe Replaced fuel divider hose. Replaced from AVIALL HOSE SHOP (2) fuel system hoses due to date. Replaced upper deck hose due to date. Pressure checked exhaust system with no defects noted at this time. C/Wed AD 2011-26-04 Fuel injector line insp. with no defects noted. Next due 100 Hr./ ANNUAL. Changed engine inlet air filter. Checked and tightened all valve cover screws as needed. Checked all engine controls for proper travel and lubed. Insp. turbo and assy,s with no defects noted. All AD,s checked and C/Wed to date thru Nov. 2014. Washed engine. Post maint. run Up indicates all op,s normal and no leaks noted. I certify this ENGINE has been insp. IAW a 100 Hr / ANNUAL.insp. and has been determined to be in an airworthy condition	LTERATIONS ATE NUMBER OF PECIFIC ENTRIES.)
		Lennie John Guerin21483690 A/PIA	
			<del></del>

		CCA Adabian Inc	
		EGA Aviation Inc.	
		2642 Airport Dr.	
DATE	RECORDING	N. Las Vegas , NV. 89032	
	TACH	(702) 683-7507	LTERATIONS
19	TIME	Engine Logbook	ATE NUMBER OF
		N46BL WO#1570 1 Feb. 2016	PECIFIC ENTRIES.)
	1	Tach: 2146.3 TTSM: 0067.8	
		C/W 100 Hr./ ANNUAL insp. IAW Mooney M-20 MM and checklist. Comp. check	
	1	follows: #1 77/80 #2 76/80 #3 78/80 #4 77/80#5 78/80 #6 76/80. Oil and oil	
	+		
	i	filter changed with 9 qts. AEROSHELL 100+. Cut prior filter for insp. with no defects	
	-	noted. Cleaned, insp. gapped and checked spark plugs. Replaced top#1, top#2, and	
		top #3 spark plugs. Checked mag. timing. Reinstalled spark plugs with new gaskets	
		and torqued IAW MM. Checked all engine controls for proper travel and lubed. Checked	
		and tightened as needed attachment hardware for intake and exhaust system. Checked	
	+	and tightened as needed valve cover screws. Removed and insp. fuel inlet screen with No	
	1	defects noted, reinstalled with no leaks noted at this time. Pressure checked exhaust	
	+	system with no defects. Removed fuel servo P/N 2549050-1 S/N 70037910 for over	
	i	haul by D&G Supply Inc. under WO# 31636. Reinstalled servo and rigged IAW MM.	
		leak checked with no leaks noted. Repaired wires to Cyl. #5 CHT/EGT op,s checked	
		good. Trimmed baffle at starter to clear starter cable. Insp. turbo system with no	
		defects noted. All AD,s checked and C/Wed to date thru Feb. 2016.	
	1	Destruction we we indicate all on a normal and no looks noted at this time	
	1	Post maint, run up indicates all op,s normal and no leaks noted at this time.	
		I certify this ENGINE has been insp. IAW a 100 hr.insp. and has been determined	
		to be in an airworthy condition. Lennie John Guerin 21483690 A/PIA	
		1 1 1 14	
		Lambol A	
		•	

19	RECORDING TACH TIME	TODAYS FLIGHT

EGA AVIACION, INC.
2642 Airport Dr.
North Las Vegas, NV 89032
(702) 683-7507
Engine Logbook
WO# 2528

SER OF ITRIES.)

N46BL Tach: 2161.7

17 April 2017 TTSM:0083.2

C/W ANNUAL insp. IAW Mooney M-20 checklist and MM. Comp. check as follows :#1 74/80 #2 72/80 #3 74/80 #4 78/80 #5 72/80 #6 74/80. Changed oil and oil filter with 10 qts. AEROSHELL 100+ and CH 48110-1. Cut prior filterfor insp. with no defects noted. Cleaned, insp. gapped and checked spark plugs. Checked mag. timing.Reset mag timing IAW engine data plate. Reinstalled plugs with new gaskets and torqued IAW MM. Lube starter bendix. Checked all engine controls for proper travel and lubed. Replaced (2) missing bolts to oil cooler mount. Pressure checked exhaust system with no leaks noted. Changed engine inlet air filter. Insp. fuel inlet screen with no defects noted. Installed and secured for leak check with no leaks noted. Checked and tightened as needed all valve cover screws. Insp. turbo system with no defects or leaks noted at this time. C/Wed AD 2011-26-04 Fuel injector line insp. by visual with no defects noted . Next due 110 hrs. C/Wed AD 2015-19 -07 fuel injector line insp. by visual with no defects noted. Next due 110 hrs. All AD,s C/W to date . Post maint. run up indicates all ops normal and no leaks

noted.
I certify this ENGINE has been insp. IAW a ANNUAL insp. and has been determined to be in an airworthy condition.

Lennie John Guerin 21483690 A/P IA