N13839 1970 Piper Turbo Aztec D

RH Engine Logbook SMOH | #2 of 2 1991 - 2025

MSN: 27-4480



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

N13839 SER NO. 27-4480 RIGHT ENGINE LOG BOOK NO. 2 LYC TIO 540-C1A SER NO L 1533 61

ANCE · tM THE RIGHT ENGINE MAINTENANCE RECORDS



ENGINE MAINTENANCE RECORDS

	Log No.
Aircraft Registration No. <u>N13839</u>	4
Engine Manufacturer	
Model 710 - 540 - CIA	
Serial No. 4-1533-61	,
Date installed on aircraft	i -
Time Between Overhauls (TBO)	
If used on multi-engine aircraft:	

🔀 Right

Left



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Page No. TACH OR RECORDING METER TIME TOTAL TIME DESCRIPTION OF WORK PERFORMED-TIME SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK DATE IN SINCE TOTALS brought forward from previous page changed ENGRNO OIL NFILTIR. ADDEd 11 9TS 65.3750 1987.2 4-5-71 AROSHIL SOW NON-DETLEGENT MINICAL OIL Evalle E Carner P+P 313586855 changed ingive on AND FILTER. ADDER 11 pts 98.7 730 2022.5 6-11-91 BEROShell 100W BATCHENT. Clerver Fuel INSECTOR Nozzles. Replaced Turbo HEAT BLANKET. ADJUSTIC IDLE ALL est. compress Leplaced pushrod housing Tubes 70+/80 MIXTURE AS NACESSARY. CNSINC has BEEN INSACCTEd 3EA.) I CLETIFY THAT This INSPECTION AND WAS DETERMINED TO IN AN AIRWORTHY CONSITION. Kona IA313586855 8/2/91 W AD 91-08-07 Amed 39-6962 par (a) (B) (B) (2) 20377 INSTALLED PAN OZAZ 1380 FITTING, Kora Che IA315586855 ulzlar changed Engine ail ANI FILTER, ADDED 112TS 2066.3 I det. cleaned And gapped sport plass typed may votos, cleaned a give and Filter ang Ap3/3586855 a splaz 164.5750 2088,3 ANGEd Engine oil + FILTER, Inspected ADDER 11 QTS ALPO LIL ecked cylencles compression All 14 - A+P313586855 SUB-TOTALS this page TOTALS-Carry forward to next page

Page No. 2 TIME TACH OR RECORDING METER TIME TOTAL TIME SINCE OVERHAUL DATE DESCRIPTION OF WORK PERFORMED-IN SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTALS brought forward from previous page 6/2/52 165.1 Cleaned For 2088 9 Insectors, Fuel scheers, Inspects and Exhaust systim, checked Envire costrols cylender compressions-pit cyberles 10 centity that This Ensure has BEEN TOSPECTED ANUAL INSPECTION AND WAS DITERMINIC an accuserty constition for DIG 4P33586835 TH 11/21/92 2114.5 Chauged ENgine OIL + FILTER · REPOSHell 190.7 15- 50w - 11 gTS. CLEANED ENGINE AIr Filter Jesileaton ÷λ · 1 .. • -· · · · 217.8 2141.6 J CERTICY THAT THIS Engine has been 1950 7.1-93 1/4/10 AN ANNUAL M38 & WAS DOLEMINIA to In An AIRMORTHY CONDITION WAKAR INITION 2142.6 Chauged ENGINE OIL + Filter - AeroShell 5-7-44 218.8 15-50w. 11gts . CLEANEd Air Filters John & Deaton 219.5 2142.6 I CERTIFY THAT THIS RNOME HAS BEEN INSP 11-25-94 VA/W AN ANNUAL insp & WAS Defermined to be 2143.3 Row 14 1 Tigo R in An Anwoodby compision 11/25/94 21433 Chauged enque oil + Filter - Revoshell 219.5 15-50 W . 11gts . CLEANEd ENGINE Air Filter 00 SUB-TOTALS this page 2143.3 219.5 2143.3 TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TÀCH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2143.3	219.5	2143.3	TOTALS brought forward from previous page
1-13-95	2174.2	250.4	2174.2	Changed Engine OIL + Filter - Aeroshell
				15-50 w 11gts - CLEANED AIr Filters grap
12-12-96	2178.3	254.5	2178.3	I CEFTING THAT THIS ENGINE HAS BEEN MSD
				i/A/W AN ANNUAL INSPAWAS DETERMINED
				to be in the AIRWORTHY CONDITION
			,	Doughore 14 18 140 22
6/12/96	2178.3	254.5	21783	Changed Engine Oil + Filter
				Aeroshell 15-50 - 11gTS.
		· .		CLEAN AIVFILTER - FUEL FILTER PRO
5/10/97	2182.6	2588	2182,6	A/C out of service 6/20/96 TO 5/10/97 Periodic
5/10/97	2182.6	258.8	2189.8	ENGINC RUDS (4) during this time;
1/01/97	2201.3	277.5	2201.3	A/C. ENGINE OUT of Service - STORAGE 87
.1.1.				I TAITING IN TAITING IN
6 30 06	2233.8	290.0	2213.8	UPDALE HAS ANDREN LEISIOSET
6 30 06	2233.8	290.0	2213.8	UPDATE HAS AMonyon IA1570369
6 30 06	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Eng	DEL: (R): L-1533-61 4 839 ER: 11978 gine Entries	501 Sk Petalur Phone:	gon Aircraft, Inc. 2203.800 Date: 11/1/2007 AC TSN: 421356 y Ranch Drive na, CA 94954-3908 (707) 765-1848 Date: 11/1/2007 AC TSN: 421356 r SMOH (R): 290 TACH: 2213.8 TSMOH (R): 290 TACH: 2213.8
	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Engi Right Engin Table III-1. If removed, in removed, in removed, in removed ulf Cyl. 1-75/80	DEL: (R): L-1533-61 339 ER: 11978 gine Entries re completed a 10 nspection Report ispected, no met leaned, gaped, in tra-sonic cleaned p. 2-77 /80, 3-77 /80, 3-71	Mang 501 Sk Petalur Phone: 00 hour inspectio , items B. & C. D al particles, clean ispected, rotated , inspected and in 780, 4-76/80, 5-76	gon Aircraft, Inc. 2203.0000 y Ranch Drive AC TSN: 42135 na, CA 94954-3908 AC TSN: 42135 (707) 765-1848 ENG TT (R): 24.6 TSMOH (R): 290 TACH: 2213.8 in for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/866, TACH: 2213.8 ed, installed and safetied, Serviced with Shell 15W-50 oil, 12 Qts. Spark plugs.
	ENGINE MOI TIO-540-CIA ENGINE SN REG. NO: 13 WORK ORDI Right Engin Table III-I. II removed, in removed, in remov	DEL: (R): L-1533-61 899 ER: 11978 gine Entries e completed a 11 inspection Report ispected, no met eaned, gaped, in ra-sonic cleaned, , 2-77 /80, 3-77. ved, cleaned, ins A.D. 2002-26-0-0 iervice Bulletin 3 inspection will be e check inspectik th again in 50 hc o impulse coupling	Mang 501 Sk Petalur Phone: 20 hour inspection is terms B. & C. D al particles, clean ispected, rotated ispected, rotated ispected and in 780, 4-76/80, 5-76 ispected and in 780, 4-76/80	gon Aircraft, Inc. Image: Construct of the second seco
	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Engin Table III-I. Ii removed, II removed	DEL: (R): L-1533-61 339 En: 11978 gine Entries re completed a 10 nspection Report papedad, no met leaned, gaped, in tra-sonic cleaned (D, 2-77 /80, 3-77, ved, cleaned, ins A.D. 2002-26-0 leavice Bulletin 3 Inspection will be e check inspective th again in 50 km o impulse couplings are in to total time En total time En	Mang 501 Sk Petalur Phone: 00 hour inspectio i, tems B. & C. D al particles, clean ispected, rotated i, inspected and in 1/80, 4-76/80, 5-76 spected and new 1/80, 4-76/80, 5	gon Aircraft, Inc. 2203.89 DATE: 11/1/2007 AC TSN: 2213.8 ENG TT (R): 24.6 TSMOH (R): 290 TACH: 2213.8 in for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, rained oil, changed oil filter CH48104, inspected no metal particles. Suction oil screen ed, installed and safetied, Serviced with Shell 15W-50 oil, 12 Ots. Spark plugs. and installed. Magneto timing and sync, checked at 20 BTC #1. Injection nozzles installed with new seals. Fuel system pressure checked, no leaks. Compression test, 8/80, 6-75 /80. See following corrected discrepancies Engine right scavange oil gasket installed. Leak and ops check good Engine right side idle speed adjusted to ycoming Fuel Injection Line inspection complied with by visual inspection I/A/W mps and hardware installed to conformed to specifications set forth in diagram 21 of I/07 or 2313.8 hours A.D. 2003-14-03 Textron Lycoming / Crane / Lear Romec fuel I/A/W Lycoming Service Bulletin 529B. Rt. engine no defects noted. A.D. needs to be A.D. 2005-12-06 eff. date 07/19/2005 Bendix/TCM Magnetos to prevent failure of ppied with by inspection of L1. & Rt. magneto I/A/W para (f) of A.D. and TCM MSB # a tag is not marked with "A" in lower right section quarter. Inspection is due againg at re controller heat shield replaced with mew torqued mounting screws and safetied m holts and nuts torqued. Leak check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting
	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Engin Table III-L II removed, in removed,	DEL: (R): L-1533-61 899 ER: 11978 gine Entries te completed a 10 aspection Report aspected, no met eaned, gaped, in: rra-sonic cleaned, yed, cleaned, in: A.D. 2002-26-0 ervice Bulletin 3 Inspection will be check inspective th again in 50 hc o impulse couplings are in rs total timeEit to il leak at botto ilter cleaned. Fit DUND OPERATED DUND OPERATED	Mang 501 Sk Petalur Phone: 500 hour inspection ispected, rotated i, inspected, rotated i, inspected, rotated i, inspected, rotated 800, 4-76/80, 5-76 spected and in 800, 4-76/80, 5-76 spected and new 1 Eff. 01/31/03 L 122 & 342D. Clar a due again 11/30 on complied with urs at 2263.8 hrs ng assembly Corr ivet type and dat rogine right pressu m front case sear ting re-positioned ALL SYSTEMS CH	gon Aircraft, Inc. 2203.89 DATE: 11/1/2007 AC TSN: 2213.8 ENG TT (R): 24.6 TSMOH (R): 290 TACH: 2213.8 in for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, rained oil, changed oil filter CH48104, inspected no metal particles. Suction oil screen ed, installed and safetied, Serviced with Shell 15W-50 oil, 12 Qts. Spark plugs. and installed. Magneto timing and sync, checked at 20 BTC #1. Injection nozzles installed with new seals. Fuel system pressure checked, no leaks. Compression test, 8/80, 6-75 /80. See following corrected discrepancies Engine right scavange oil gasket installed. Leak and ops check good Engine right side idle speed adjusted to ycoming Fuel Injection Line inspection complied with by visual inspection IV/VW mps and hardware installed to conformed to specifications set forth in diagram 21 of IV/07 or 2313.8 hours A.D. 2003-14-03 Textron Lycoming / Crane / Lear Romec fuel IV/W Lycoming Service Bulletin 529B. Rt. engine no defects noted. A.D. needs to be A.D. 2005-12-06 eff. date 07/19/2005 Bendix/TCM Magnetos to prevent failure of ppied with by inspection of Lt. & Rt. magneto IV/W para (f) of A.D. and TCM MSB # a tag is not marked with "A" in lower right section quarter. Inspection is due againg at re controller heat shield replaced with new torqued mounting screws and safetied m holts and nuts torqued. Leak check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting and installed. Leak and ops check good Engine right side oil filter bottom fitting
	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Engin Table III-L II removed, in removed,	DEL: (R): L-1533-61 (R): L-1	Mang 501 Sk Petalur Phone: 00 hour inspectio 1 terms B. & C. D al particles, clean ispected, rotated 1, inspected, rotated 1, inspected and in 400, 4-76/80, 5-77 pected and new 1 Eff. 01/31/03 L 12A & 342D. Clar e due again 11/31/03 L 12A & 342D. Clar e due again 11/31/03 L 12B & 263.8 hrs ng assembly Corr ivet type and dat gaine right pressu. m front case sear ing re-positioned ALL SYSTEMS CH WAS DETERMINE SIGNED:	gon Aircraft, Inc. Image: Construction of the second s
	ENGINE MOI TIO-540-C1A ENGINE SM REG. NO: 13 WORK ORDI Right Engin Table III-L li removed, cl removed,	DEL: (R): L-1533-61 (R): L-1	Mang 501 Sk Petalur Phone: 00 hour inspectio 1 terms B. & C. D al particles, clean ispected, rotated 1, inspected, rotated 1, inspected and in 400, 4-76/80, 5-77 pected and new 1 Eff. 01/31/03 L 12A & 342D. Clar e due again 11/31/03 L 12A & 342D. Clar e due again 11/31/03 L 12B & 263.8 hrs ng assembly Corr ivet type and dat gaine right pressu. m front case sear ing re-positioned ALL SYSTEMS CH WAS DETERMINE SIGNED:	gon Aircraft, Inc. Image: Construction of the second s

1				Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED
	2203.8	287.0	2203.8	TOTALS brought forward from previous page
11/06/07	2204.0	280.2	2204.0	Changed Engine Oil
			•	CLEANED Screen
				Filled 11 guARTS Revoshell 15-50w
				Okpearten - ouner
80118108	2223.6	299.8	2223.6	Removed + Cleaned vil Screen
				Replaced Screen, Ran engine -
				returned to service goodator owner
02/08/08	22345	310.7	22.34.5	Chauged engine oil - CLEANED
				Screen - Replaced Sercen
				Filled 11 guments Acroshell 15-50w
				RAN ENGINE · Returned To Service
	5.5. X 43.			JA Calor · OWNER- 30.5T.BC
	ENGINE TIO-540- ENGINE		5	Mangon Aircraft, Inc. DATE: 4/8/2009 01 Sky Ranch Drive AVC TSN: 2265.06 ENG TT (R): 75.86 ENG TT (R): 75.86
	REG. NO WORK C): 13839 DRDER: 12695	Piper P	Vetaluma, CA 94954-3908 TSMOH (R): 341.26 thone: (707) 765-1848 TACH: 2265:06 22.34 5
	Right F	Engine Entrie	a 100 hour inso	ection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, C. Drained oil, oil filter screen removed, cleaned and inspected no metal particles. Suction
	oil scree plugs, r	en removed, insp emoved, cleaned removed and no	pected, no metal d, gaped, inspec	particles, cleaned, installed and safetied. Serviced with Shell 15W-50 oil, 10 Qts. Spark ted, rotated and installed. Magneto timing and sync, checked at 20 BTC #1. Injection for nozzles installed. Fuel system pressure checked, no leaks. Compression test, Cvl.
	1-77/80 Crane /	, 2-76/80, 3-78/8	30, 4-78/80, 5-78	(80, 6-77/80. See following corrected discrepancies A.D. 2003-14-03 Textron Lycoming / heck inspection complied with I/A/W Lycoming Service Bulletin 529B. Next inspection due in ff. 08/14/2008 Eng. Rt. Lycoming Fuel Injection Line inspection complied with by para. (),
	(k), and	Lycoming Engil 9-05 eff. 10/20/2	ne MSB No. 342 008 Ena Rt. To I	E. No discrepancies noted. Next due 2365.0 or when clamps or lines disturbed A.D. prevent loss of engine power due to cracks at the head-to-barrel interface in the cylinder
	Cylinde	ers are not ECI	. A.D. 2009-02-0 n servo, overhau	caused by separation of a cylinder head not applicable this part number is not installed. 3 Eff. 02/09/2009 Eng Rt.To prevent a lean running engine. Not applicable due to date of aled on 11/20/1990 Engine right cylinders #1 and #2 induction tubes removed, inspected,
	prep ar	d painted. Reins	stalled with new	
	I CEDTI	EV THAT THIS EN	GINE HAS BEEN I	INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN RMINED TO BE IN AIRWORTHY CONDITION.
	DATE:	4/8/2009	SIGNE	
• • • • •			· · · · · · · · · · · · · · · · · · ·	I Tillman, A&P: 2845176 IA Printed by EBis 3 (datcomedia.com)
7/08/2009	22 34.5	341.26	22.34.5	APRIL/08/ LOG ANNUAL COMPLETE OF
				ppRIL132009 - TIME up date To Reflect Tach Reads
				04/14/2009 tach 2253.6 Installed Reif Corp engine heaters, FAA-PMA No. PQ2585CE in accordance
				with installation instructions. No STC or 337 required
				SUB-TOTALS this page
	27521	360.4	2253.6	TOTALS—Carry forward to next page

• No _5					
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	2253.6	360.4	2253.6	TOTALS brought forward from previous page	
116/09				Changed Engine OIL . CLEANED	· · · · #4
- 1				Screed - Filled . 10 gT Revoshell	
				15-50W - CLEARVED AIN Filter . RAI	0
				ENGINE · Returned To Service	
				Ophelector. ouner -	
Replace	9 Right Tac of fuel return of AN837-4 Guenther A	hose MID	542929803 1A ful	3356252 TID LK6367156 with part from IAS Inc.	
127/07	2309.6	416.4	2309.6	Changed Engine Oil. Cleaned Screen.	
				Filled - 10 gt. Aeroshell 15.50 w. CLEARE	<u>ا</u>
				Air Filter. RAN ENGILE - Returned	
				To Service:	
				John Dester - guner	
		ENGINE MODEL TID-540-C1A ENGINE S/N (R) REG NO 13839 WORK ORDER	L-1533-61	Mangon Aircraft, Inc. DATE 501 Sky Ranch Drive ENG TT Petaluma, CA 94954-3908 TSMOH	1/6/2010 N 2309 6 (R) 120 4 (R) 385 8 H 2309 6
		Right Engin Installed new c ground operate	rankshaft seal P/	N: LW13792 in accordance with Lycoming Direct Drive Overhaul Manual P/N: 60294-7. Engin	e _
		DATE: 1/6/201	0	SIGNED Roman ASP 3456258 IA Work Orde Romaid Margon, ASP 3456258 IA Printed by EBis 3 (datcome	
	ENGINE REG NO	MODEL I-CTA S/N (R) L-1533-6 D 13839 DRDER 13137		Mangon Aircraft, Inc. DATE 9/7/2010 IO1 Sky Ranch Drive AC TSN 2329 99 IO1 Sky Ranch Drive ENG TT (R), 140 79 Intaluma, CA 94954-3906 TSMOH (R), 408 19 Thoma. (707) 765-1648 TACH: 2329 99	
5	Right E	Engine Entrie	a 100 hour insp	ection for Annual Certification. Ref. Piper Service Manual Pn. 753-564, IR860921, 08/21/86,	
- f.n.	installer gaped, cleaned	II-L Inspection Ri d and safetied. S inspected, rotati 1, inspected and	eport, Items B. & Serviced with Phil ed and installed I installed with new	C. Suction oil screen and reusable filter removed, inspected, no metal particles, cleaned, lips 20W-50 mineral oil, 12 gts. for cyfinder break-in period. Spark plugs, removed, cleaned, Magneto timing and sync, checked at 20 BTC #1. Injection nozzles removed ultra-sonic w seals. Fuel system pressure checked, no leaks. Compression test. CVI, 1-76/80, 2-78/80.	<u>.</u>
	3-78/60 Romec with (b)), 4-75/80, 5-76 / Engine Rt. fuel , (2) and (ii) with	80, 6-78/80 See pump torque che no change in ton	Nollowing corrected discrepancies. A D: 2003-14-03 Textron Lycoming / Crane / Lear ick inspection complied with I/A/W Lycoming Service Bulletin 5298. Previous compliance raue. Section (4) complied with by visual inspection. No leaks noted. Due equin at 2379.99	
	defects power of	LD 2008-14-07, Due again at 2- tue to cracks at	eff. date 8/14/08 439 99 hrs. or 9/2 the head-to-barre	I. Engine Rt. Lycoming Fuel Injection Line inspection Complied with Para (i) no leaks, no 2009-26-12, effective date 2/4/2010, Engine Rt. To prevent loss of engine el interface in the cylinder assemblies and possible engine failure caused by separation of a 2007-2007 and 2007 an	
	Cyfinder	rhead. Not appli	cable to part num	nber installed.	-
				TOTALS-Carry forward to next page . CONTINUED -	-

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D	I CERT	IE GROUND OPER TIFY THAT THIS EN AL CERTIFICATION	IGINE HAS BEEN	INSPECTED IN AC	CORDANCE WITH THE REQUIRMENTS OF A 100 HOUR INSPECTION FOR AN I WORK	
	DATE	: 9/7/2010	SIGN		Work Order 13169	
	,		Micha	al Tillman, ALP 28	IS176 IA Printed by EBis 3 (detcomedia com)	
	-+					
29/07	10	2314.48	394.2	2314.48	CERTIFIED RIVERAFT TIME . RIGHT ENG	ine
	•					
10/						
ןר%י	10	2327.18	406.9	2327.18	12.7 hours Since Top overhaul	
			/			
					TOTAL ENGINE HOURS: 2372.18 TSMOH: 406.9	
			/		TSTOPH: 12.7	
					Changed engine oil - Cleaned and inspected ADC oil screen.	
					Filled crankcase with 10 qts. Phillips 20-50W mineral oil. Ran engine - checked for leaks and proper oil pressure	
		/			Inspected engine air filter	
					returned to service	
/					John G Deaton (owner)	
10/	,					
1%04	10	2327.18	406.9	2327.18		<i>)</i>
0/	,	2.		2		
8/16/		~347.73	427.45	~347.73	33.25 hours Since Top overhaul	
					DATE: 08/16/2011 RIGHT	
					TOTAL ENGINE HOURS: 2347.73	
					TSMOH: 427.45	
			./		TSTOPH: 33.25 Changed engine oil - Cleaned and inspected ADC oil screer	n '
			\checkmark		Filled crankcase with 10 qts. Phillips 66 X/C 20W-50 AD	· .
					Multigrade mineral base	<u> </u>
					Ran engine - checked for leaks and proper oil pressure Inspected engine air filter	i I
		/			returned to service	
					John G Deaton (owner)	
						j
21	1		100.0	0217	- · · ·	
8/16]1]	2347.73	427.45	2347.73		
						w.50
		2347.73 2350.64			2.91 hours ADD 1 QI. Phillips 66 X/c 201	v-60
						w.60
					2.91 hours ADD 1 QI. Phillips 66 X/c 201	w.60
					2.91 hours ADD 1 QI. Phillips 66 X/c 201	v-60
					2.91 hours ADD 1 QI. Phillips 66 X/c 201	w-60
					2.91 hours ADD 1 QI. Phillips 66 X/c 201	υ-£0
					2.91 hours ADD 1 QI. Phillips 66 X/c 201	<u>ల-</u> ల

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DATE	TOTAL TIME IN SERVICE	ENGINE MOD TIO-540-C1A ENGINE S/N (I REG NO 138 WORK ORDET Right Eng	R) L-1533-61 139 R 13651	Mangon Aircraft, Inc. 501 Sky Ranch Drive Petaluma. CA 94954-3908 Phone. (707) 765-1848	DATE: 01 February, 2012 AC TSN: 2374 31 2357, 52 ENG TT (R), 4505 437, 24 2357, 5 437, 24 2357, 5
)2·01 2012		Report, items i nozzles remov 1-78/80, 2-77 / replaced Leak chaff egainst b replaced. Time sealant to case Bulletin 5298	B & C. Spark plug red ultra-sonic clea (80, 3-74/80, 4-77) & check good. En baffie Engine Rt ad to engine at 20 e halves. A.D. 20 Due egain in 50 h	a, removed, Clearind, gaptic, tapproved, tapproved, clearind, inspected and installed with new seals. Fuel system prine, 180, 5-76/80, 6-78/80. See following corrected discrepancie gene RL oil pressure regulator adjusted in one (1) turn Er vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced. Leak the vecuum pump garice seal removed and replaced.	gine RL oil drain back cylinber #2 (*positions) of the back eck good. Engline Rt magnetic LL gasket removed and gine Rt. crankcase forward bottom seam cleaned. Applied pump visual inspection compiled with VAW Lycoming Service ine RL Lycoming Fuel Injection Line inspection Compiled with d. AD 2011-15-10 eff. date 08/16/2011 Engine Rt.
		ENGINE GRO	UND OPERATED	ALL SYSTEMS CHECKED NORMAL HAS BEEN INSPECTED IN ACCORDANCE WITH THE R WAS DETERMINED TO BE IN AIRWORTHY CONDITION	EQUIRMENTS OF A 100-HOUR INSPECTION FOR AN
		DATE: 01 F	ebruary, 2012	SIGNED Michael Tillman, ASP 2845176 IA	Printed by EBis 3 (datcomedia.com
				DATE 05/03/2012 TOTAL ENGINE HOURS ⁻ 236- TSMOH 444 53 TSTOPH 50 33 Changed engine oil - Cleaned	and inspected ADC oil screen
				Cleaned engine crankcase scr Filled crankcase with 10 qts. P Multigrade mineral based oil. Ran engine - checked for leaks	een hillips 66 X/C 20W-50 AD
5/03 2012	2364,81	444.53 ТSMOH 50.33 ТSTOPH	² 364.81		es and intake duct
				Time between oil CI	hange 18.02
				OIL bURN 2 QUARTS	8.5 month
TIO-5 ENGI REG WORI	NE MODEL 40-C1A NE S/N (R): L-1533 ND: 13839 K ORDER: 14197	Piper	Mangon Air 501 Sky Ranch I Petaluma, CA 94 Phone: (707) 765	Drive 954-3908	DATE: 04 June, 2013 AC TSN: 2400.41 ENG TT (R): 476.61 TSMOH (R): 476.61 TACH: 2400.41
— Kigh	it Engine Enti Engine completed	a 100 hour inspects uned oil, removable	e screen removed, lied and safetied, 1	ification. Ref. Piper Service Manuel Pn. 753-564, IR86092 cleaned and inspected with no metal particles found. Suct Serviced with 12 gta. Philips XC 20W-50 oil. Spark plugs, i cked at 20 BTC #1 Injection nozzles removed ultra-sonic	tion oil screen removed, ************************************
Report Inspection with m Correct VAW date 0 in Avs carbur 10/24/ 	t, Items B. & C Dra ted, no metal parts ted, notated and in ave seals. Fuel syst Led discrepancies. Lycoming Service i 2/24/2012 Engine I tar Fuel System Se vetor having a locaer 2012 Engine Rt. To	stalled. Magneto tr an pressure check A.D. 2011-26-04 Bulletin 342A, 3422 Rt. Fuel Injector Se invice Bulletin AFS- inmuture control sit p prevent failure of prevent failure of segate Pn. LW1277	ed, no leaks. Com eff date 1/25/201; D & 342E & F no di rvo to prevent an i -SB6 R2 A D 20 eave that rotated in the crankshaft not	pression test, Cyl. 1-76/80, 2-76 /80, 3-77/80, 4-77/80, 5-7 2 Engine Rt. Lycoming Fuel inspection Line inspection comp ifects found. Inspection will be due again 6/2014 or 2500 4 -flight shutdown due to a failed fuel servo disphragm is no 12-03-07 eff date 03/27/2012 Engine Rt. Lycoming to add i the carburator body is not applicable to the part number i applicable due to serial number installed Wastegate Rt. inhauled by CRS. 07TR2100 W0 #32956, with new gaske	76/80, 6-78/90. See following field with by visual inspection 41 hours A.D. 2012-03-06 eff. t applicable to date as indicated tress a machined-from-billet HA-6 installed A.D. 2012-19-01 eff. removed for leaking.
Rapor Inspec Inspec Inspec VAW JAW JAW JAW Inspec In Ava Copera Opera ENGAN	t, tems 8. & G. Dr. sted, no metal parts ted, rotated and in are seats. Fuel syst tad discrepancies. Lycoming Service I 2/24/2012 Engine 2/24/2012 En	stalled. Magneto the em pressure chech A.D. 2011-26-04 Bulletin 342A, 3422 Wrice Bulletin 342A, 3422 wrice Bulletin AFS- o moture control site prevent failure of tegate Ph. L.W1277 atisfectory RATED. ALL SYST NGINE HAS BEEN	red, no leaks. Com eff date 1/25/2011 D & 342E & F no di invo to prevent an li SB6 R2 A D 20 seve that rotated in the crankshaft not 78 Sn. 035881, ove CHECKED IN A INSPECTED IN A	pression test, Cyl. 1-76/80, 2-76/80, 3-77/80, 4-77/80, 5-7 2 Engins Rt. Lycoming Fuel inspection Line inspection comp efects found. Inspection will be due again 6/2014 or 2500 4 n-flight shutdown due to a failed fuel servo diaphragm is no 12-03-07 eff date 03/27/2012 Engine Rt. Lycoming to add i the carburator body is not applicable to the part number i applicable due to serial number installed Wastegate Rt. rhauled by CRS. 07TR2100 W0 #32956, with new gasks	76/80, 6-78/90. See following lied with by visual inspection 41 hours A.D. 2012-03-05 eff, t applicable to date as indicated tress a machimed-from-billet HA-6 installed A.D. 2012-19-01 eff. removed for leaking drain. ts and saftied v-band clamps.

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Page No.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			-	TOTALS brought forward from previous page
				DATE 02/05/2014 RIGHT TOTAL ENGINE HOURS 2401.29
25/14	2401.29			TSMOH 481 01 TSTOPH 86 81
				Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 66 X/C 20W-50 AD Mulitgrade mineral based oil Ran Engine - checked for leaks and proper oil pressure
				Inspected engine air filter, hoses and intake duct Returned to service John G Deaton (owner)
	E	INGINE MODEL TO-540-C1A INGINE S/N (R): L- TEG. NO: 13839 VORK ORDER: 14	Pinter	Mangon Aircraft, Inc. DATE 15 Augus 501 Sky Ranch Drive ENG TT (R): Petaluma, CA 94964-3908 TSMOH (R) Phone: (707) 765-1846 TACH:
		ystem pressure chi iscrepances. Err isod A D. 2003-1 It. engine fuel purity me inspection com gain 08/2015, 2538 verhault. Overheult hanged the part nu ingine Rt. drain bat	ectual, no teaks. Co grae Rt. tailpipe loot 14-03 Teatron Lycon plead with by visual plead with by visual 8.31 hours or when is and engine driven fue grader to RG17980M ck flexible lime on cy	acted at 20 BTC #1. Injection nozzles removed ultra-sonic cleaned, inspected and installed with new seals. Enclosed at 20 BTC #1. Injection nozzles removed ultra-sonic cleaned, inspected and installed with new seals. Enclosed and re-cantered on furbicharger turbine housing. Forgued and leafetied tail pape cleans. Operations of seared and re-cantered on furbicharger turbine housing. Forgued and leafetied tail pape cleans. Operations of sing / Crane / Lear Romac fuel pump torque check impection. A.D. is no longer applicable due to "M" kit in Sn. R2943. No further action required. A.D. 2011-28-04 eff date 1/25/2012 Engine RL Lycoming Fuel high inspection WAW Lycoming Service Bulletin 342A, 342D, 342E & 342F. No defects found. Impection will be system is serviced. Engine Rt. engine driven fuel pump Pn. RG17980J, Sn.R-2943 removed and sent out at installed and indexed fittings for fuel lines and tightered fuel lines. Function check asteriatory. No leats yinder #4 clamps replaced. Engine Rt. idle moture adjusted leaner to achieve a 50 RPM rise on shut dow are change to 650 RPM. Ope check good.
		ystem pressure of the isorepancees. En cod A D 2003-1 tt. engine fuel pump une impection com gain 08/2015, 2531 worhaut. Overhaute ranged the pain fue ingine Rt. drain bec grant bec model toward to co 	scheid, no leaks. Co gine Rt. tailpop loot 14-03 Tedron Lycom p Pn, RG17980JWI bled with by visual 8.31 hours or when all engine driven fue amber to RG17980M ck flexible time on cy simpensate for mature OPERATED, ALL S HIS ENGINE HAS B	empression test, Cyl. 1-79400, 2-77 /80, 3-76/80, 4-79400, 5-78 /80, 6-78 /80, 56 following correction isened and re-centered on turbocharger turbine housing. Torquid and estibilistical test pape chemp. Operations o ming / Crane / Lear Romeic fuel pump torquie check impection. A.D. is no longer applicable due to "M" kit in Sn. R2943. No further action required. A.D. 2011-28-04 eff date 1/25/2012 Engine RL Lycoming Fuel high inspection WAW Lycoming Service Bulletin 342A, 342D, 342E & 342E Kondeless found. Impection will be system is serviced. Engine Rt. engine driven fuel pump Pn. RG17980J, Sn. R-2943 removed and sent out el pump by CRS9 VGOR728L. WIO 43901 re-installed in original location now with "M" kit added to pump wi at installed and indexed fittings for fuel lines and lightered fuel fuel, Function check
		ystem pressure of the isorepancees. En cod A D 2003-1 tt. engine fuel pump une impection com gain 08/2015, 2531 worhaut. Overhaute ranged the pain fue ingine Rt. drain bec grant bec model toward to co 	scheid, no heaks. Co grae Rt. tailpape loot 14-03 Teadron Lycom p Pn, RG17980JWH s31 hours or when ad engine driven fue amber to RG17980M ck flexible line on cy impensate for matu OPERATED, ALL S HIS ENGINE HAS B CATION AND WAS 1 L, 2014	ampression test, Cyl. 1-7940, 2-77 /80, 3-76/80, 4-7940, 5-78 /80, 6-78 /80, 56 following corrected isered and re-centered on turbocharger turbine housing. Torquind and seletised tell pape chemp. Operations of ming / Crane / Lear Romec fuel pump torque check impection. A.D. is no longer applicable due to "N" hit in Sn. R2943. No further action required. A.D. 2011-26-04 eff date 1/25/2012 Engine RL (ycoming Fuel hit impection VAW Lycoming Service Bulletin 342A, 342D, 342E & 342F. No defects found. Impection will be system is serviced. Engine driven fuel pump Pr. RG17980U, Sn.R-2943 removed and serif add el pump by CRS# VGOR728L WIO 43901 re-installed in original location now with "N" hit added to pump wi 4. Installed and indused fittings for fuel times and tightered fuel times. Function check astellactory. No leaks yfinder #4 clamps replaced. Engine Rtv idle moture adjusted learer to achieve a 50 RPM rise on shut dow are change to 650 RPM. Ope check good. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WIDATION. SIGNED: Work Order: Work Order:
		ystem pressure of iscrepances. En cod A D 2003-1 It. engine fuel pum ane respection com gain 09/2015, 253 werhault overhault renged the pert nu ingrise Rt. drain brit renged the pert nu ingrise Rt. drain brit peed lowered to co indicate the pert nu NGINE GROUND CERTIFY THAT TI INNUAL CERTIFIC	scheid, no heaks. Co grae Rt. tailpape loot 14-03 Teadron Lycom p Pn, RG17980JWH s31 hours or when ad engine driven fue amber to RG17980M ck flexible line on cy impensate for matu OPERATED, ALL S HIS ENGINE HAS B CATION AND WAS 1 L, 2014	ampression test, Cyl. 1-7940, 2-77 /80, 3-76/80, 4-7940, 5-78 /80, 6-78 /80, 56 holiowing corrected isened and re-centered on turbocharger turbine housing. Torqued and seletised tell pipe clamp, Operations of ming / Crane / Lear Rome: fuel pump torque check inspection. A.D. is no torgan applicable due to "M" kit in Sh. R2943. No further action required. A.D. 2011-28-04 eff date 1/25/2012 Engine RL Lycoming Fuel inj inspection VAW Lycoming Service Bulletin 3420, 3420, 3420, 3420. SACE. No defects found. Impection will be system is serviced. Engine Rt: engine driven fuel pump Pr. RG17980J, Sn.R-2943 removed and serif aud el pump by CRS# VGOR728L WIO 43901 re-installed in original location now with "M" kit added to pump wi Li installed and indused fittings for fuel lines and tightered fuel lines. Function check setsefactory. No leaks ylinder #4 clamps repleced. Engine Rt. idle modure adjusted leaner to achieve a 50 RPM rise on shull dow us change to 650 RPM. Opi check good. SYSTEMS CHECKED NORMAL. BEEN INSPECTED IN ACCORDANCE WIDHTIME REQUIRMENTS OF A 100-HOUR INSPECTION FOR A DETERMINED TO BE IN ARWORTHY CONDITION.
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8/15/14 2/27/15	2438.1	ystem pressure of iscrepances. En cod A D 2003-1 It. engine fuel pum ane respection com gain 09/2015, 253 werhault overhault renged the pert nu ingrise Rt. drain brit renged the pert nu ingrise Rt. drain brit peed lowered to co indicate the pert nu NGINE GROUND CERTIFY THAT TI INNUAL CERTIFIC	scheid, no heaks. Co gine Rt. tailpape loot 14-03 Teadron Lycom p Pn, RG17980JWH ipied with by visual 8.31 hours or when all engine driven fue amber to RG17980M ck flexible line on cy simpensate for matu OPERATED, ALL S His ENGINE HAS 8 CATION AND WAS 1 k, 2014 S	ampression test, Cyl. 1-7940, 2-77 /80, 3-7640, 4-7940, 5-78 /80, 6-78 /80, 56 holiowing corrected iserval and re-centered on turbocharger turbine housing. Torquind and seletised tell pape chemp. Operations of image / Carne / Lear Romec fuel pump torque check impection. A.D. is no longer applicable due to "N" hit im Sh. R2943. No further action required. A.D. 2011-26-04 eff date 1/25/2012 Engine RL (ycoming Fuel hit) imapectori VAW Lycoming Service Bulletin 342A, 342D, 342E & 342F. No defects found. Impection will be system is serviced. Engine driven fuel pump Ph. RG17980U, Sn.R-2943 removed and eref add el pump by CRS# VGOR728L. WIO 43901 re-installed in original location now with "N" hit added to pump wi 4. Installed and industed fittings for fuel lines and tightered fuel lines. Function check astellactory. No leaks plinder #4 clamps replaced. Engine Rtvice Roduce due to a S0 RPM rise on shut doe ure change to 650 RPM. Ope check good. SYSTEMS CHECKED NORMAL BEEN INSPECTED IN ACCORDANCE WIDATION. SIGNED: Work Order: Bichael Tillman, A&P. 2845176 IA Printed by EBis 3 (datcomedia International company in the son 3 (datcomedia International company) and by EBis 3 (datcomedia International company in the son 3 (datcomedia International company) and the son 3 (datcomedia
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	2438.1	ystem pressure of iscrepances. En cod A D 2003-1 It. engine fuel pum ane respection com gain 09/2015, 253 werhault overhault renged the pert nu ingrise Rt. drain brit renged the pert nu ingrise Rt. drain brit peed lowered to co indicate the pert nu NGINE GROUND CERTIFY THAT TI INNUAL CERTIFIC	scheid, no heaks. Co gine Rt. tailpape loot 14-03 Teadron Lycom p Pn, RG17980JWH ipied with by visual 8.31 hours or when all engine driven fue amber to RG17980M ck flexible line on cy simpensate for matu OPERATED, ALL S His ENGINE HAS 8 CATION AND WAS 1 k, 2014 S	angresson test, Cyl. 1-7980, 2-77 /80, 3-78/80, 4-79/80, 5-78 /80, 6-78 /80, 5-88 /80 /80 /80 /80 /80 /80 /80 /80 /80 /
	2438.1	ystem pressure of M iscrepancies. En ood A D 2003-1 It. engine final pump ano 08/2015, 2531 werhaul. Overhault hangid the part nu righine Rt. drain bie peed lowered to co ingine GROUND CERTIFY THAT TI INNUAL CERTIFIC DATE. 15 August	scheid, no heeks. Co grae Rt tailpipe loot 14:03 Tedron Lycom p Pn. RG17980JM 18:31 hours or when all engine driven fue amber to RG17980M ch flexible time on cy ampeniate for mature OPERATED. ALL S HIS ENGINE HAS B CATION AND WAS I 1. 2014 S	anoresaion test, CM 1-7980, 2-7780, 2-7880, 4-7980, 6-79 All. See following corrected in autobachage instructs instructions and and real earliest data pope came. Or an instructor instructor instructs instructs instructs and and real earliest data pope came. Came Correct MAN Lycomag Service Bulletin 342A 342D, 342E & 342F. No defects found Impercian will be and and and and a port by CRS9 VCORT281. W/O 3800 re-installed in organia focation now with "If" this added to pump by the analysis of an analysis of the installed and or and and a setting the installed and indexed fittings for fuel lines and lightered Aut lines. Function check satisficatory. No leats funder at lange to 650 RPM. Ope check good. SYSTEMS CHECKED NORMAL BEEN INSPECTED IN ACCORDANCE WITH THE BEQUIRINGENTS OF A 100-HOUR INSPECTION FOR A DETERMINED TO BE IN ARWORTHY CONDITION. SIGNED # 17.71 Corry ccT 71 mcc 2438.31 TIMES UPDATED 02/27/2015 TSN 2480.11 TSMOH: 544.32 TSTOPH 150 12 Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 66 X/C 20W-50 AD Multigrade muneral based oil Ran Engine - checked for leaks and proper oil pressure Inspected engine air filter, hoses and intake duct Returned to service John G Deaton (owner)
	2438.1	544.32	scheid, no heaks. Co gine Rt. tailpape loot 14-03 Teadron Lycom p Pn, RG17980JWH ipied with by visual 8.31 hours or when all engine driven fue amber to RG17980M ck flexible line on cy simpensate for matu OPERATED, ALL S His ENGINE HAS 8 CATION AND WAS 1 k, 2014 S	anoresaion test, CM 1-7980, 2-7780, 2-7880, 4-7980, 6-79 All. See following corrected in autobachage instructs instructions and and real earliest data pope came. Or an instructor instructor instructs instructs instructs and and real earliest data pope came. Came Correct MAN Lycomag Service Bulletin 342A 342D, 342E & 342F. No defects found Impercian will be and and and and a port by CRS9 VCORT281. W/O 3800 re-installed in organia focation now with "If" this added to pump by the analysis of an analysis of the installed and or and and a setting the installed and indexed fittings for fuel lines and lightered Aut lines. Function check satisficatory. No leats funder at lange to 650 RPM. Ope check good. SYSTEMS CHECKED NORMAL BEEN INSPECTED IN ACCORDANCE WITH THE BEQUIRINGENTS OF A 100-HOUR INSPECTION FOR A DETERMINED TO BE IN ARWORTHY CONDITION. SIGNED # 17.71 Corry ccT 71 mcc 2438.31 TIMES UPDATED 02/27/2015 TSN 2480.11 TSMOH: 544.32 TSTOPH 150 12 Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 66 X/C 20W-50 AD Multigrade muneral based oil Ran Engine - checked for leaks and proper oil pressure Inspected engine air filter, hoses and intake duct Returned to service John G Deaton (owner)

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2480.11	5મ4.3૨	2458. 85	TOTALS brought forward from previous page
ENGINE MODEL 110-540-C1A ENGINE S/N (R) REG NO. 13839 WORK ORDER: Right Engin	L-1533-61	501 Sky F Petaluma	on Aircraft, In Ranch Drive CA 94954-3908 07) 765-1848	C. DATE: 01 April, 2017 A/C TSN: 2486 63 ENG TT (R): 564 83 TSMOH (R): 664 83 TACH: 2488 63
tight Engine com leport, Items B. & leaned, installed ming and sync, (hecked, no leak) CRS#07TR210	npleted a 100 hour i & C. Drained oil, d and safetied, San checked at 20 BTC s. Compression tes	#1 Injection nozzi t, Cyl. 1-78/80, 2-7 verhaul unit in origi	ALEO eil, 12 Otto ALEO eil, 12 Otto les removed ultra-so (4/80, 3-78/80, 4-78/ inal location. Pre-oil	Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection ark plugs, removed, cleaned, gaped, inspected, no metal particles, ark plugs, removed, cleaned, gaped, inspected, rotated and installed. Magneto nic cleaned, inspected and installed with new seals. Fuel system pressure 80, 5-76/80, 6-74/80 Engine Rt. turbocharger removed and sent for Overhaul ed turbocharger per installation instructions from Approved Turbo Components.
CERTIFY THAT	ID OPERATED, AL THIS ENGINE HA FICATION AND W/	S BEEN INSPECT	CKED NORMAL ED IN ACCORDAN TO BE IN AIRWOR	CE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN
DATE: 01 Apri	I, 2017		ha	- Work Order: 15213
	1	Michael Tillman,	A&P: 2845176 IA	Printed by EBis 3 (datcomedia.com)
			1	
	10/21/201 L ENGINE			RIGHT 2498.63
TSMC		10013		574.81
TSTO		Channel and i	nspected ADC	168.71
Filled w Mulitgra Ran en Inspect	and inspected vith 10 qts. Phi ade mineral ba igine - checked ted engine ed to service i Deaton (Owr	llips 66 X/C 2 ised oil d for leaks and air filter, hose		sure nd alternate air
		[
TIO-540 ENGINE REG. N	E S/N (R): L-1533-6 O: 13839	51	Mangon Airci 501 Sky Ranch Driv Petaluma, CA 9495	e ENG TT (R): 583.5 4-3908 TSMOH (R): 583.5
	ORDER: 16201 Engine Entri	Barne Greek	Phone: (707) 765-1	
Right Er Report, cleaned installed seals. F	ngine completed a Items B. & C. Drain , installed and safe d. Magneto timing a uel system pressur a cated . One check	100 hour inspectio red oil and inspect ty. Serviced with c nd sync, checked e checked, no leal anod A D 201	ed aftermarket oil m sustomer supplied Pl at 20* BTC cylinder	ation. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection esh screen, no metal particles. Suction oil screen removed, inspected, no metal particles, hillips 20W-50 12 Qts. Spark plugs, removed, cleaned, gaped, inspected, rotated and #1. Injection nozzles removed ultra-sonic cleaned, inspected and installed with new st. Cyl. 1-76/76, 2-78/80, 0-374/80, 4-74/80, 5-74/80. Ground run up performed. ate 11/3/2015, Engine Rt. Lycoming Fuel Injection Line inspection complied with per noted.
105071	TUAT THIC EN	CINE LIAS REEN	EMS CHECKED NO INSPECTED IN AC RMINED TO BE IN	RMAL. CORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN AIRWORTHY FONDITION.
DATE:	01 October, 201	8 SIGN	ER: Vel	Work Order: 16201
			Tillman, A&P: 284	5176 IA Printed by EBis 3 (datcomedia.com)
			1	
Yo1/2018	2507.3	583.5	2507,3	Totuls
Yo1/2019	2507.3	583.5	2 .5 07,3	ToTVLS SUB-TOTALS this page

								Page No)
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNAT	DESCRIPTI URE & CERTIFI	ON OF W	ORK PERFORM	ED ORMING WORK	
	2507.3	583.5	2507.3	TOTALS brought	forward from	previous	page		
13/20,9		1	/	DATE 0	4/18/2019			RIGHT	
103/2019	2513.3	589.5	25133	TOTAL E	NGINE HO	URS	2513.5	RIGHT	
				- TSMOH TSTOPH	589.5 181.97				<u></u>
				 Changed en 			d inspected AD	C oil screen	
				 Filled with 1 	dts Phillips	66 X?C :	20W-50 AD		
NI/ 12				 Mulitgrade n Ran Engine 	ineral based - checked for	oil and leaks a	1 pint CamGua nd oil pressure	rd	
7/18/2019		589.5	2513.5		igine air filter		and intake duc	t	
				John G Dea		- ph	stator	•	
						1			
25/01/2020	2516.5	592.7	2516.5						
. ,		ENGINE MODEL TIO-540-C1A		Mangon Airc				DATE: 01 I A/C TS	N: 2516.
		ENGINE S/N (R) REG. NO: 13839 WORK ORDER:		501 Sky Ranch Dri Petaluma, CA 9495 Phone. (707) 765-1	4-3908		77	25 16. JENG TT	(R): 592. (R): 592. (H: 2516.
		Right Engin	A-10-10-						
		Report, Items B.	& C. Drained oil, af	inspection for Annual Certific termarket oil screen inspect ustomer supplied Phillips 20	ed no metal particles	. Suction oil :	screen removed, inspec	ted, no metal particles,	, cleaned
		Magneto timing a system pressure	and sync checked a checked, no leaks.	t 20 BTC cylinder #1 Injectio Compression test, Cyl. 1-78	n nozzles removed (/80, 2-72/80, 3-78/80	ultra-sonic cle 0, 4-78/80, 5-	eaned, inspected and in 78 /80, 6-76/80. Engine	stalled with new seals. washed. Ground run i	Fuel
		down A.D. 201		ne Rt. idle speed adjusted up late 11/3/2015, Engine Rt. L d.					
		ENGINE GROUN		L SYSTEMS CHECKED NO S BEEN INSPECTED IN AC					
		ANNUAL CERTI	FICATION AND WA	S DETERMINED TO BE IN	AIRWORTHY OOH	DITION			
		DATE: 01 May	, 2020			U	2	Work Orde	er: 1655
	1	I	1	Michael Tillman, A&P: 284 I	5176 IA		Printed	by EBis 3 (datcome	dia.com
	Right	Engine	Log I	Entry					
	REG #	N138	39 Date	02/01/2022	Model F	PA23-250	Serial #	27-4480	
	MFG	Pipe	er ACT	Г 2546	TSMOH	622	ENGS/N	L-1533-61	
	Complie	ed with an 1	00hr/Annual	inspection IAW P	iper Service	Manuai I	Pn 753-564.		
	Perform	ned compres	sion check	CYL #1 78/80, #2	78080, #3 76	5/80, #4	74/80. #5 76/80	0, #6 74/80.	
	Drained	l oil, add 11	QTS Phillips	20W50 engine o on oil screen, four	 Cleaned and no defects 	nd inspe	ct aftermarket (ime. Serviced s	oil filter spark plugs	
	and air	induction filt	er. Complied	with A/D 2015-1	9-07, Eff date	11/03/2	015 Lycoming	fuel	
	iniaction	line incher	tion CAVIV	comina SB 342G een inspected IAV					
			orthy condition						
	Brian W	lelling <u>1</u> .	3rs h	lelly -	A/P 3692260	DIA.			
	:			SUB-TOTALS th	is page				}
				TOTALS-Carry		vt nace			
					TOTWARD TO DE				

Page	No.
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DATE	TOTAL TIME IN SERVICE	TÓTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO OF PERSON PERFORMING WORK								
				TOTALS	brough	t forward	from prev	vious page		<u>.</u>		
			in Aviation	a managana antikaka ka								
rcraft:	N13839	RH Eng MOD	Ivcoming TIO-540-C1	A	Date:	11/6/2023						
craft TT:	2555.8	5N	L-1533-61		Tech:	2552.1						
1 Complied v	with 100hr/annual	inspection IAW F	Piper Service Manual Pl CYL#4 75/80, CYL#5 76	N 753-564. Pe	rformed co L/80 Remo	mpression	es					
deaned, ch	ecked and gappe	d, installed and to	rqued. Drained oil, de	aned, checked	i, and clean	ned aftermari	et					
oil filter so and check.	reen. No debris fo Internal timing co	und. Both inboard ompleted, fitted a	and outboard slick m nd timed to engine. 11	agnetos sent o qts Philips 20	WSO engin	nr inspection ne oil added.						
Complied v	with AD 2015-190	7, efffective date	11/03/2015 Lycoming	fuel injection	line inspect	tion. C/W						
Lycoming	56 5420.											
						6-0-0						
All inspec maintena	tions, work, and r	epairs were perfo uctural repair ma	ormed per Customers F nuals, and standard pro	equest, IAW a actices. The ai	appropriate ircraft, eng	ines, propelle	ers,			·		
or applia	ncesidentified at	ove are bereby a	roved for return to s	ervice as per l	the work p	erformed.						
Signature	1. 1	7/0-	2									
J.F.Mybur	gh 38429921A	V				_						
	1	1										
			Win Win Aviation									
			RH Engine									
Aircraft:	N13839		MOD Lycoming TIO	-540-C1A			/12/2025					
Aircraft TT:	2557.2		SN L-1533-61			Tach:	2557.2					
1 Comp	lied with 100hr/a	innual inspection	IAW Piper Service M	anual PN 753	8-564. Perf	ormed comp	ression					
check	CYL# 77/80, CYLi d. checked and a	#2 76/80, CYL#3 zapped, installed	76/80, CYL#4 75/80, 0 and torqued.Remove	d and replace	ed 4(ea)ba	ad spark plug	s. Drained oil	۱,				
cleane	d, checked, and	cleaned afterma	rket oil filter screen. I	lo debris fou	nd. 11 qts	Philips 20W	50 engine oil	I				
added	. Complied with	AD 2015-1907, e placed fuel flow t	fffective date 11/03/ ransmitter with new	unit, ground	runs comp	pleted, found	spection. C/W	v 				
AD 20	23-09-09 Compli	e with by means	of visual inspection of	f the turbo V	-Band clar	mps, found s	atisfactory.					
Replac	ed faulty f/flow	transmitter with	new unit, tested,fou	nd satisfactor	ry.							
All in:	spections, work,	and repairs wer	e performed per Cust	omers Reque	est, IAW ap	ppropriate n	anufacturer'	's				
main	tenance manuals	s, structural rep.	air manuals, and stan	dard practice	es. The air	craft, engine	s, propellers	s, —				
or ap	pliances identifie	above are he	eby approved for re	orn to servic	e as per tr	ne work peri	ormed.					
Signat	ture	ind	A Constant									
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				SUR	TOTA	S this pa						
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				TOT	ALS-C	arry forv	ard to ne	ext page				

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