N13839

1970 Piper Turbo Aztec D

LH 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 LEFT ENGINE LOG BOOK NO. 2 LYC TIO–540–C1A SER NO. L–1532–61



ENGINE ENGINE MAINTENANCE RECORDS



ENGINE MAINTENANCE RECORDS

		Log No.
	Aircraft Registration No. N/3839	
	Engine Manufacturer Ly comin Co	
	Model	
	Serial No. <u>1-1532-6/</u>	
	Date installed on aircraft	
	Time Between Overhauls (TBO) /500 Hours	
,	If used on multi-engine aircraft:	
w.	☐ Right	



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
4/8/91		6.5.3 140	1999.0	Changed Engine OIL AND FILTER ADDED 110TS
				PERO SLEV SOUT NON-DETERGENT MINIRAL OIL
				Loneld E Care Ap 3/35868 55
6-11-91		98.7 HRS	2034.5	Chaused on ANDFILTER. ADDICE 11 QTS AFROSLELL
				100W DETERGENT. CLEANS FUEL INJUCTORNOZZES,
	All cyl, e	empression		Changed Hydrolic FILTER, Replaced Turso HEST
	70+/80			BLANKETS, AUTUSTIC Holle MIXTURE AS NECCESSAUY.
			_	I CENTIFY That This ENGINE HAS BEECH INSPECTED
				TIPIN AN ANUAL INSPICTION AND WAS DETERMINED
2				TO BE IN AN AIRWOOTHY CONDITION RONALD [Come
				JA313586855
			,	
3/2/91			2045.8	c/w AD 91.08.07 Amend 39-6962
				PAR. (9)(1), (3)(1)+(2) INSTALLED
				ON 02A 21380 FITTING Condo Clane 543/3586855
1/2/91			2078.6	changed Engine oil and FILTER Added HATS
7-7-7-7				As Roshell 50wT det. clianed and gapped plugs
				letimed magnetos, cleaned Engine DIR FILTER
				loral (Cena Apr 3/3586855
3/7/92		165750	2/00.8	Changed Engine oil And FILTER, INSPECTED
				FILTER MODEL HOTS MIROShell sowt pet.
				checked compressions All Cylevolers 75 %
			,	Condl & Come Ap3/3586855
				SUB-TOTALS this page
			2100.8	TOTALS—Carry forward to next page

Page No. 2

				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
1/2/92		165.6	2101.4	Clered Fuel Togettes Fuel Screens Isspecial
				Engine controls and Exhaust system, challed
				cylender compressions - All cylenders 25/80
				I Certify that this Enjur has soon Inspectal
				I/A/W AN ANUAL INSPECTION AND WAS DETERMINED
				To Be IN AN AIRWOSTHY CONSTITION Corchellane
				PHP313576855-TIA
11/21/92		191.4	2127.2	Changeo Engine oil And Filter - Aeroshell
				15-50ω· 11 qTs:
				CLEANED ENGINE AIR FILTER
				വൂട്ടിംച്ചം.
		• • •		Andrew Control of the world of the control
7.1-93	•	218.9	2154.7	I certify THAT THIS engine has been 1950.
				Malw An Annual insp &was Determined do be in
				An Airworthy condition
				David Rose 14.81917
7-1-93		218.9	2154.7	Changed ENGINE OIL AND Filter . AEROShell
_				15-50w.11 gts. CLEAVED ENGINE AIR FILTER OFF
5-7.94	-	219,8	2155.6	Changed Engine oil AND Filter - Aeroshell
				15-50 w-11 gts. CLEANED EngiNe Air Filter JG. DeNTON
11.25.99		220.5	1	I CERTIFY THAT THIS PNGIND HAS BEEN INGO
			2156.3	1) MW AN ANNUAL MISP & WAS DETERMINED to be
				in An Anwerry constron Quelloce 141 719086
11-25-94		220.5	2156.3	Changed engine oil + Filter - Acroshell .
				15.50 W. 11 975 - CLEANED ENGINE Air Filter GRO :-
				SUB-TOTALS this page
	2156.3	220.5	2156.3	TOTALS—Carry forward to next page

SUB-TOTALS this page

2213.8 2780 2213.8 TOTALS—Carry forward to next page

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				
	2213.8	278.0	2213.8	TOTALS brought forward from previous page				
11/04/07	2214.0	278.2	2214.0	Changed Engine oil				
•				CLEANED Screen				
				Filled 11 QUARTS Peroshell 15-50W				
				JARcola. ouner				
01/18/08	2233,64	297,84	2233.64	Removed + Clenned oil Screen · Replaced				
.				Screen + RAN Engine-Returned To Service				
				goteaten. ouner				
02/08/08	2245.17	309.37	2245.7	Changed Engine Oil - Cleaned				
				Sereev. Replaced Sercev				
				Filled 11 ats Acroshell 15-50W				
				Confection - owner 31.17 T-BC				
	ENGINE MODE TIO-540-C1A ENGINE S/N (L) REG. NO: 13839 WORK ORDER:): L-1532-61 19	501 Sky Petalum	DATE: 4/8/2009 A/C TSI: 269-06 Ranch Drive a, CA 94954-3908 707) 765-1848 DATE: 4/8/2009 A/C TSI: 269-06 ENG TT (L): 2265-06 TSMOH (L): 329-26 TACH: 2265-08				
	Left Engine	ompleted a 100 h	nour inspection fo	75 M0 H 349. 26 or Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86,				
	oil screen rem	noved, inspected	l, no metal particled, inspected, ro	ained oil, oil filter screen removed, cleaned and inspected no metal particles. Suction es, cleaned, installed and safetied. Serviced with Shell 15W-50 oil, 10 Qts. Spark tated and installed. Magneto timing and sync, checked at 20 BTC #1. Injection				
	1-79/80, 2-79/	/80, 3-78/80, 4-7	8/80, 5-78/80, 6- p torque check in	zzles installed. Fuel system pressure checked, no leaks. Compression test, Cyl. 79/80. See following corrected discrepancies A.D. 2003-14-03 Textron Lycoming / Ispection complied with I/A/W Lycoming Service Bulletin 529B. Next inspection due in				
	50 hrs. at 231	5.06 A.D. 2008 Finding MSB No	8-14-07 Eff. 08/1 o. 342E. N o disci	4/2008 Eng. Lt. Lycoming Fuel Injection Line inspection complied with by para. (j), (k), repancies noted. Next due 2365.0 or when clamps or lines disturbed A.D.				
	2008-19-05 eff. 10/20/2008 Eng Lt. To prevent loss of engine power due to cracks at the head-to-barrel interface in the cylinder assemblies and possible engine failure caused by separation of a cylinder head not applicable this part number is not installed. Cylinders are not ECL. A D. 2009-02-03 Eff. 02/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of							
	assemblies ar	nd possible engir	2009-02-03 Eff. (loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. 2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of				
	assemblies ar Cylinders are overhaul of fu- prep and pair	nd possible engir not ECI A.D. 2 rel injection serve nted. Reinstalled	2009-02-03 Eff. (o, overhauled on I with new gaske	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. 02/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is.				
	assemblies ar Cylinders are overhaul of fu- prep and pair ENGINE GROU	nd possible enginot ECI A.D. 2 sel injection servo nted. Reinstalled UND OPERATED, A T THIS ENGINE H	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHE HAS BEEN INSPEC	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. 02/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is.				
	assemblies ar Cylinders are overhaul of fu- prep and pair ENGINE GROU	nd possible engin not ECI A.D. 2 nel injection servinted. Reinstalled IND OPERATED, A THIS ENGINE H TIFICATION AND V	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHE HAS BEEN INSPEC	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. 20/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN				
C4/08/07	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT	nd possible engin not ECI A.D. 2 nel injection servinted. Reinstalled IND OPERATED, A THIS ENGINE H TIFICATION AND V	2009-02-03 Eff. (), overhauled on I with new gaskei ALL SYSTEMS CHI IAS BEEN INSPEC VAS DETERMINED SIGNED:	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. biz/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, bis. CKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CARBITTION.				
<u> </u>	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible engin not ECI A.D. 2 sel injection servinted. Reinstalled IND OPERATED, A THIS ENGINE HIFICATION AND V	2009-02-03 Eff. (b), overhauled on I with new gasker ALL SYSTEMS CHI HAS BEEN INSPEC VAS DETERMINED SIGNED: Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. 02/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN OTO BE IN AIRWORTHY CANDITION. Work Order: 12695				
,,.	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible enginot ECI A.D. 2 per injection service tel injection injection service tel injection inj	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHI LAS BEEN INSPECTANS DETERMINED SIGNED. Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. D2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CANDITION. Work Order: 12695 A&P: 2845176 IA Printed by EBis 3 (datcomedia.com)				
04/06/07 04/13/07	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible enginot ECI A.D. 2 per injection service tel injection injection service tel injection inj	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHI LAS BEEN INSPECTANS DETERMINED SIGNED. Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. D2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CARDITION. Work Order: 12695 A&P: 2845176 IA Printed by EBis 3 (datcomedia.com) APRIL/08/2009 ANNUAL Complete. Time up date To Reflect TACH Reading INQ				
	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible enginot ECI A.D. 2 per injection service tel injection injection service tel injection inj	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHI LAS BEEN INSPECTANS DETERMINED SIGNED. Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. D2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CARDITION. Work Order: 12695 A&P: 2845176 IA Printed by EBis 3 (datcomedia.com) APRIL/08/2009 ANNUAL Complete. Time up date To Reflect TACH Reading INQ 04/14/2009 tach 2265 1 Installed Reif Corp. engine heaters, FAA-PMA No. PQ2585CE in accordance				
	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible enginot ECI A.D. 2 per injection service tel injection injection service tel injection inj	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHI LAS BEEN INSPECTANS DETERMINED SIGNED. Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder laby separation of a cylinder head not applicable this part number is not installed. D2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CARDITION. Work Order: 12695 A&P: 2845176 IA Printed by EBis 3 (datcomedia.com) APRIL/08/2009 ANNUAL Complete. Time up date To Reflect TACH Reading INSPECTION FOR AN 100-HOUR INSPECTION FOR AN 10				
	assemblies ar Cylinders are overhaul of fu prep and pair ENGINE GROU I CERTIFY THA ANNUAL CERT DATE: 4/8/20	nd possible enginot ECI A.D. 2 per injection service tel injection injection service tel injection inj	2009-02-03 Eff. (c), overhauled on I with new gasket ALL SYSTEMS CHI LAS BEEN INSPECTANS DETERMINED SIGNED. Michael Tillman	loss of engine power due to cracks at the head-to-barrel interface in the cylinder by separation of a cylinder head not applicable this part number is not installed. D2/09/2009 Eng Lt. To prevent a lean running engine. Not applicable due to date of 11/20/1990 Engine left cylinders #1 and #2 induction tubes removed, inspected, is. ECKED NORMAL. TED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN TO BE IN AIRWORTHY CARDITION. Work Order: 12695 A&P: 2845176 IA Printed by EBis 3 (datcomedia.com) APRIL/08/2009 ANNUAL Complete. Time up date To Reflect TACH Reading INQ 04/14/2009 tach 2265 1 Installed Reif Corp. engine heaters, FAA-PMA No. PQ2585CE in accordance				

Page No		TOTAL	TACH OR	DESCRIPTION OF WORK PERFORMED—
DATE	TOTAL TIME IN SERVICE	TIME SINCE OVERHAUL	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMING WORK SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	22/51	349.26	2215.1	TOTALS brought forward from previous page
	2463.1	226 /	22914	Changed Engine OIL . CLEANED
8/16/09	2291,4	315.6	de 11.]	Screen. Filled 10 grs Aeroshell 15.50 w
				SCYCED. THE CHARLE PRINCE
				CLEANED AIR FILTER. RAN ENGINE .
				Returned To Service
				position. owner.
1123/09 Replace AN837-4 Richard	Leftt Tach d fuel return I fitting. Guenther A	2305.41 n hose MID AP3039613I	: 542929803 A Luh	3356252 TID: LK6367156 with part from IAS Inc.Replaced
12/27/09		408.5	2324.3	Changed Engine Oil - Cheaned Screen.
4 4 1	404 (13			Filled 10gts Aeroshell 15.50w. Cleaved
				AIR Filter - RAN ENGINE (4 months. 32,9 hr.
				// Art between Charge
				between oil Charge (4 qts between Charge)
				Conultration (owner) Returned To SERVICE DATE: 1/6/2010
		ENGINE MODEL TIO-540-C1A ENGINE S/N (L) REG. NO: 13839 WORK ORDER: Left Engine Installed new C	L-1532-61 13040 Pin Entries crankshaft seal P.	Mangon Aircraft, Inc. 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848 AC TSN: 2309.6 ENG TT (L): 2309.6 TSMOH (L): 373.8 TACH: 2309.6 /N: LW13792 in accordance with Lycoming Direct Drive Overhaul Manual P/N: 60294-7. Engine
		ground operate	ed, no leaks.	
				SIGNED Rock Order: 13040
		DATE: 1/6/201	0	Ronald Mangon, A&P: 3456258 IA Printed by EBis 3 (datcomedia.com)
		, INE MODEL: 540-C1A	2.61	Mangon Aircraft, Inc. Mangon Aircraft, Inc. Sol Sky Ranch Drive Petaluma, CA 94954-3908 Petaluma, CA 94954-3908 Petaluma, CA 94954-3908 Petaluma, CA 94954-3908
	ENG REG	INE S/N (L). L=100. I. NO: 13839	Barrier Corder	Phone: (707) 700-10-10
	Lef	t Engine Entr	ies ed a 100 hour ins	spection for Annual Certification. Ref. Piper Service Manual Pn. 753-564, IR860921, 08/21/86, 3. & C. Suction oil screen and reusable filter removed, inspected, no metal particles, cleaned, 3. & C. Suction oil screen and reusable filter removed, inspected, no metal particles, cleaned, 3. & C. Suction oil screen and reusable filter removed, periodic screen, peri
	inst	alled and safetie	d. Serviced with stated and install	ed. Magneto timing and sync, checked at 20 bit with the second test, Cyl. 1-7 8/60, 20 ed. Magneto timing and sync, checked, no leaks. Compression test, Cyl. 1-7 8/60, 20 ed. Magneto timing and sync, checked, no leaks. Compression test, Cyl. 1-7 8/60, 20 ed. Magneto timing and sync, checked at 20 bit with the synchronic test and the synchro
	Cle	8/80 4-76/80, 5-	76/80, 6-77/80.	see following control of line from turbo to wastegate Lt. fuel pump torque check
	rep	Naced duling on	inst mount A.I	D. 2003-14-03 Toxasian 529B. Previous compliance with (5), (5) 2008-14-07, eff. date 8/14/05, prior Service Bulletin 529B. Previous compliance with (5), (5) 2008-14-07, eff. date 8/14/05, prior 15/14-05 (6) 14/14-07, eff. date 8/14/05, prior 15/14-05 (6) 14/14-05 (6
	ins	FUECTION CONTINUES	tdaugli	nenection, No leaks no delects. De heartin-ballet
	9/	2011 A.D. 200	9-26-12, effective inder assemblies	e date 2/4/2010, Engine failure caused by separation of a cylinder read.
	n	umber installed.	<u> </u>	IUTALS—Carry forward to next page . CONTINUED.
				NOTE:

Titan cylind lbs. and 1/2 installed fo 406610-90 Componer to 34" at se	ders per Lycoming 2" nuts to 600 in. ir break-in period. 21, Sn JBR0110, its in original loca aa level. Ops che	g overhaul manu lbs. Ground run Leak and oops due to FOD to o tion. Ground run ck good Engir	ial Pn. 60294-7's up and break-in check good. El compressor blade up completed. A ne Lt. oil system o	procedures completed per ECI Titan installation sheet. Mineral oil ngine Lt. RPM adjusted to 650 Turbocharger Lt. Engine removed Pri. es. Installed repaired turbocharger after repairs by Approved Turbo Adjusted pressure controller up 3/4 turn to increase manifold pressure drained, hoses flushed, reusable oil filter and screen removed, cleaned, io Mineral oil. Engine ground run-up completed. Leak and ops check	Page No
ENCINE CO	OUND OPERATED THAT THIS ENGINE ERTIFICATION AND	ALL SYSTEMS C HAS BEEN INSP WAS DETERMINED	CHECKED NORMA ECTED IN ACCOR ED TO BE IN AIRV	DANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN MORTAL CONDITION.	tra in
DATE 9/7	/2010	SIGNED	July	Work Order: 13189	-
		Michael Tillm	nan, A&P 2845176	A Printed by EBis 3 (datcomedia.com)	
01/07/10	2329.99	398,05	2329.49	Certified AIRCROFT TIMES - LEFT L	ENGINE
10/07/10	2342.6	410.66	2342.60	12.6 hours Since Top overhaul	
				•	
	 			DATE: 10/09/2010 TOTAL ENGINE HOURS: 2342.60	
		/		TSMOH: 410 66	
				TSTOPH: 12.6	reen
		/		Changed engine oil - Cleaned and inspected ADC oil so 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)	
/				l	
20/10	2342.60	410.66	2342.60		
8/16/11	2364.48	432.54	2364.48	34.48 hours Since top overhau	۲
				DATE: 08/16/2011 LEI	FT
				TOTAL ENGINE HOURS: 2364 48 TSMOH: 432.54	
				TSTOPH: 34 48	1
				Changed engine oil - Cleaned and inspected ADC oil	screen.
				Filled crankcase with 10 qts Phillips 66 X/C 20W-50 Multigrade mineral base	AD
				Ran engine - checked for leaks and proper oil pressu	re
	/			Inspected engine air filter returned to service	
/	1			returned to service John G Deaton (owner)	
				Spron	j
8/16/11	2364.48	432.54	2364.8	ζ	
				2.95 hrs Add 1 gT Phillips 66 X/C	20w.50 AD
	-	~	_	37.43 TSTOPH PRILL	
				SUB-TOTALS this page	
				TOTALS—Carry forward to next page	

Page No		ENGINE MOI TIO-540-C1A	,		gon Aircraft, Inc ov Ranch Drive	•		DATE: 01 February, 201 A/C TSN: 2374.3
	TOTAL TIME	REG. NO: 130 WORK ORDE	(L). L-1532-61 839 ER. 13651	Petali	ma, CA 94954-3908 (707) 765-1848			ENG TT (L): 2374 3 TSMOH (L): 438 5 TACH: 2374 3
DATE	IN SERVICE	Left Engir		7110/16				MOTI 23/4 3
02/64	SERVICE	Left Engine of	omoleted a 100 hor	ur inspection for An	nual Certification Ref P	iper Service Mar	ual Pn. 753-564, IR860921, 0	8/21/89, Table III-I Inspection
W/	J	nozzies remov	red ultra-sonic cles	aned inspected and	Installed with new seals	Fuel system or	id Magneto timing and sync, o essure checked, no leaks. Cor Engine Lt. magneto Lt. adep	moression test Cullnelee #
02/1		gasket remove secured to exh	id and replaced. R laust tail pipe supp	te timed to engine a bort AD 2003-14	t 20 degrees BTDC cytir -03 Textron Lycoming /	nder#1 Leak an Crane / Lear Ror	d ops check good — Engine Lt nec Lt-fuel pump visual inape	wastegate oil inlet line
-701		Lycoming Sen inspection Con	rice Bulletin 529B nplied with Para (i	Due again in 50 h no leaks, no defec	xurs et 2424 05 - A D 2 ts, due again et 2/2013 (2008-14-07, eff of or 2474-05 hrs. o	tate 8/14/08, Engine Lt. Lycor or when system is serviced/	ming Fuel injection Line LD 2011-15-10 eff date
2012	-	magneto Rt ac	gine Lt. Lycoming dapter plate gaske	to remove certain f I and magneto gasi	uel servos from service r let removed and replace	not applicable to d. Re-timed to e	dates indicated. No further act ngine at 20 degrees BTDC cyl	tion required Engine Lt. Inder #1 Leak and ops check
		900d						
		I CERTIFY TH	AT THIS ENGINE		ECMED NORMAL CTED IN ACCORDANC D TO BE IN AIRWORT		QUIRMENTS OF A 100-HOU	R INSPECTION FOR AN
		DATE: 01 Fe	bruary, 2012	SIGNED:	1-6	J M		Work Order: 1365
	· ·			Michael Tillme	n, A&P: 2845176 IA		Printed b	y EBis 3 (datcomedia.com
			1]				
		 	-					
				DAT	E: 05/03/2012			LEFT
	 	 	 		AL ENGINE HO	URS: 238	2.52	
					OH: 450.58			
				TST	DPH: 52.52	Cleaned	and inspected AD	C oil screen.
	-	-		+ Clea	ned engine on	nkcase sc	reen	
				Filled	d crankcase wit	h 10 qts. F	Phillips 66 X/C 20W	<i>I-</i> 50 AD
				Multi	grade mineral l	based oil.		
			<u> </u>	- .	engine - check	ed for leak	s and proper oil proper and intake duct	essure :
5/03	2382.52	450.58 TSMOH	²³ 82.52	Retu	rned to service		es and make duck	•
2012		52.52		Johr	G Deaton (ow	, ,	2 Dector	
	٠.	TSTOPH				7		* ·
				Tune b	etween o	it Chr	wae 18.0	24 6
					1 (100)		, , , , , , ,	. 1000
				OIL B	17N 29	UNRTS	8.5 m	onths
		•	,	•				
ENGINE M		Ma	angon Aircra	aft, Inc.			DATE: 04 June, 2013 A/C TSN: 2400.41	
	N (L): L-1532-61		Sky Ranch Drive aluma, CA 94954-				ENG TT (L): 464.61 TSMOH (L): 464.61	
REG. NO: 1 WORK OR	13839 DER: 14197	DICAR	ne: (707) 765-184				TACH: 2400.41	
_	ine Entries							
Donad Man	- D C Designed	ail Demoughle ex	ean removed de	anad and inspecte	with no metal particles	found. Suction of	1/86, Table III-I. Inspection iil screen removed,	
inspected, r	no metal particles,	cleaned, installed a	and safetied, Servi	iced with 12 qts. Pf 1 et 20 RTC #1. Inie	illips XC 20VV-50 oil. Sp ction nozzles removed i	ent plugs, remov ultra-sonic clean	red, cleaned, gaped, ed. inspected and installed	
with new se	als Fuel system p	ressure checked, n	o leaks. Compres late 1 <i>125/2</i> 012 En	sion test, Cyl. 1-76 nine Lt. Lycoming f	/80, 2-/ //80, 3- /5/80, 4 uel Injection Line inspe	-//80, 5-/8/80, ction complied w	th by visual inspection	Section 1
VAW Lycor	ning Service Bullet	tin 342A, 342D & 34 sel loiector Servo to	42E & F no defect prevent an in-flio	s found. Inspection ht shutdown due to	a failed fuel servo diaph	4 or 2500.41 not raom is not appi	licable to date as indicated	
in Avstar Fu	el System Service	Bulletin AFS-SB6 I e mixture control si	R2 A.D. 2012-0 seve that rotated	3-07 eff. date 03/2 in the carburetor b	1/2012 Engine Lt. Lycom	ning to address a	"machined-from-billet" installed A.D. 2012-19-01	
ENCINE CE	OUND OPERATE	D ALL SYSTEMS	CHECKED NORM	4AI				
I CERTIFY	THAT THIS ENGIN	IE HAS BEEN INSI ID WAS DETERMI	PECTED IN ACC	ORDANCE WUMT,I	HE REQUIRMENTS OF ITION.	A 100-HOUR II	NSPECTION FOR AN	
DATE: 04	June, 2013	SIGNED	V.	-+11	Ye		Work Order: 14197	
		Michael Tilli	man, A&P: 284517	76 IA		Printed by E	Bis 3 (datcomedia.com)	
I	1	1		300-101	rea una pago			
- 1				TOTALS	Carry forward to	nevt nage		

	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	
2/5/14	2419.0			DATE 02/05/2014 LEFT TOTAL ENGINE HOURS: 2419.0 TSMOH: 486.96 TSTOPH: 89.00 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)	
	TI: EN RE	NGINE MODEL: 10-540-C1A NGINE S/N (L): L-1 EG. NO: 13839 /ORK ORDER: 147	Die -	Mangon Aircraft, Inc. DATE: 15 August, AC TSN: 24 501 Sky Ranch Drive ENG TT (L): 5 Petaluma, CA 94954-3908 TSMOH (L): 5 Phone: (707) 765-1848 TACH: 24	38.31 02.51 02.51
	EN I C			indexed fittings for fuel lines and tightened fuel lines. Function check satisfactory. No leaks noted.	the
	D	CERTIFY THAT TH	IIS ENGINE HAS BEE ATION AND WAS DE	STEMS CHECKED NORMAL. EN INSPECTED IN ACCORDANCE WITH THE REDUIRMENTS OF A 100-HOUR INSPECTION FOR AN ETERMINED TO BE IN AIRWORTHY CONDITION. Work Order: 147	
	<u>D/</u>	CERTIFY THAT TH NNUAL CERTIFICA	IIS ENGINE HAS BEE ATION AND WAS DE , 2014 SIG	EN INSPECTED IN ACCORDANCE WITH THE REDUIRMENTS OF A 100-HOUR INSPECTION FOR AN ETERMINED TO BE IN AIRWORTHY CONDITION.	733
1 1 1	2438,3 2480.11	CERTIFY THAT TH NNUAL CERTIFICA ATE: 15 August	IIS ENGINE HAS BEE ATION AND WAS DE , 2014 SIG	EN INSPECTED IN ACCORDANCE WITH THE REDUIRMENTS OF A 100-HOUR INSPECTION FOR AN ETERMINED TO BE IN AIRWORTHY CONTITION. Work Order: 147	733
1 1 1	2438,3	CERTIFY THAT TH NNUAL CERTIFICA ATE: 15 August	IIS ENGINE HAS BEE ATION AND WAS DE , 2014 SIG	EN INSPECTED IN ACCORDANCE WITH THE REDUIRMENTS OF A 100-HOUR INSPECTION FOR AN ETERMINED TO BE IN AIRWORTHY CONTITION. Work Order: 147 TIMES UPDATED 02/27/2015 TSN: 2480.11 TSMOH: 544.31	733
2/27/15	2438,3	CERTIFY THAT TH NNUAL CERTIFICA ATE: 15 August	IIS ENGINE HAS BEE ATION AND WAS DE , 2014 SIG Mich	EN INSPECTED IN ACCORDANCE WITH THE REDURMENTS OF A 100-HOUR INSPECTION FOR AN ETERMINED TO BE IN AIRWORTHY CONDITION. Work Order: 147 Mail Tillman, A&P: 2845176 IA Printed by EBis 3 (datcomedia.cc TIMES UPDATED 02/27/2015 TSN: 2480.11 TSMOH: 544.31 TSTOPH: 150.11 LEFT DATE 02/27/2015 LEFT TOTAL ENGINE HOURS: 2480.11 TSMOH: 544.31 TSTOPH: 150.11 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	733

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	544.31	2480.1]	TOTALS brought forward from previous page
REG NO 1 WORK OR	A N (L): L-1532-61	501 Pet	angon Aircraft I Sky Ranch Drive Jaluma, CA 94954-390 pne: (707) 765-1848	ENG TT (L) 502 50 ENG TT (L) 502 50 TSMOH (L) 552 83
Report, Item cleaned, ins timing and s	ns B. & C. Dramatalled and safetied sync, checked at 20	BTC #1 Injection	ed 45W-68-all, 12 Qts nozzies removed ult	Ref Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection to the control of the control
I CERTIFY	THAT THIS ENGIN	E HAS BEEN INS		NL. RDANCE VIDENTILE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN WORTH CONDITION.
DATE. 01	April, 2017	SIGNED	Jela	Work Order 15213
		Michael Ti	liman, A&P 2845176	Printed by EBis 3 (datcomedia.com)
REG. NO WORK O	MODEL. C1A SM (L): L-1532-61		Mangon Aircra 01 Sky Ranch Drive staluma, CA 94954-3 thore (707) 765-1840	TOTAL ENGINE HOURS 2497.13 TSMOH 561 33 TSTOPH 167 13 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 and 1 pint CamGuard Ran Engine - checked for leaks and oil pressure Inspected engine air filters, hoses and intake duct Returned to service John G Deaton (owner) DATE: 01 October, 2018 AC TSN 2507.3 ENG TT (L): 571 5 TSMOH (L): 571 5
Report, Its safety Se timing and pressure of check good 342G supplements of the control of the c	ims B & C Drained reliced with custom is sync, checked at 2 shecked, no leaks d. AD 2015-19- plements 1 & 2 No GROUND OPERAT 7 THAT THIS ENG	d oil and serviced or supplied Phillip 20° BTC cylinder Compression test 07, effective date defects noted ED, ALL SYSTEM INE HAS BEEN IP ND WAS DETER SIGNE	with Phillips 20W-50 is 20W-50 oi. 12 Qta. #1 Injection nazzles Cyl. 1-74/80, 2-74/81 11/3/2015, Engine LL. AS CHECKED NORM ISPECTED IN ACCOMMED TO BE IN AIR	ORDANCE WIFT THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN RWORTH CONDITION. Work Order 16201
0/01/1	2507.3	571.5	2507.3	TOTALS
8		CO 1 C		SUB-TOTALS this page
	2507.3	>11.5	2507.3	TOTALS—Carry forward to next page

1)

ENGINE S/N (L): L-1532-61 501 Sky Ranch Drive ENG TT (L): 580											Page No)
DATE 04/18/2019 TOTAL ENGINE HOURS 2513 4 TSMOH 577.61 TSMOH 577.61 TSTOPH 183.41 Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 gits Phillips 66 X7C 20W-50 AD Mitigrade mineral based oil and 1 pint CamGuard Rat Engine - checked for leaks and oil pressure inspected engine air filters. hoses and miske duct Returned to service John G Deaton (owner) Mangon Aircraft, Inc. 10/40-C/M EXORGE 564 (1) L-1532-61 WORK CRORGE 1656 Piper WORK CRORGE 1656 Piper How (107) 785-1846 Left Engine Entries the Engine Left Left Engine Left Left Engine Logarithm Annual Engine Engine Left Engin	DATE	TIME	TIME	RECORDING METER		DE SIGNATURE &	SCRIPTION CERTIFICAT	OF WOR	RK PERFO PERSON P	RMED-	ig work	
TOTAL ENGINE HOURS 2513 4 TSMOH 577 61 TSTOPH 183 41 Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 66 AYC 20V-95 AD Multigrade mineral based oil and 1 pint CamGuard Ran Engine - checked for leaks and oil pressure Inspected engine air filters, hoses and intake duct Returned to service John G Deaton (owner) Mangon Alrcraft, Inc. DATE 01 May, 20 Signed Micro Mangon Completed of the Signed Manual Pn. 753-64, R850021, 00/21/85, Table III-1 Impedition for Advantal Certification, Ref. Piper Service Manual Pn. 753-64, R850021, 00/21/85, Table III-1 Impedition for Advantal Certification, Ref. Piper Service Manual Pn. 753-64, R850021, 00/21/85, Table III-1 Impedition for Advantal Certification for Ref. Piper Service Manual Pn. 753-64, R850021, 00/21/85, Table III-1 Impedition for Advantal Certification for Ref. Piper Service Manual Pn. 753-64, R850021, 00/21/85, Table III-1 Impedition for Advantal Certification for Ref. Piper Service Manual Pn. 753-64, Performed Composition of the Piper Internation for Advantal Certification for Ref. Piper Internation for Ref. Piper Internation for Advantage Internation for Ref. Piper Internation for Ref. Piper Internation for Ref. Piper Internation		2507.3	571.5	2507.3	TOTALS	brought forw	ard from pre	evious pr	age			
Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 56 X7C 20W-50 AD Multigrade mineral based oil and 1 pint Camangard Ran Engine - checked for leaks and oil pressure Inspected engine air filters, hoses and infake duct Returned to service John G Deaton (owner) Bridge Sin (tp. 1182-61) Bridge Group Depthson of Sin (tp. 1182-61) Bridge Group Depthson of Sin (tp. 1182-61) Bridge Group Sin (tp. 1182-61) B	14/18/2019	2513.4	577.61	25/3.4	TO'	TAL ENGIN	IE HOUR 7 61	≀S	2513 4	LEF	T	
ENGINE MODEL TO SAME CAN DELECTION OF THE TOTAL			577.61	2513.4	Cha Clea Fille Muli Ran Insp	nged engine of med and inspe d with 10 qts l tgrade minera Engine - che ected engine urned to service	oil - Cleane ected crank Phillips 66 2 Il based oil cked for lea air filters, h	kcase so X?C 20\ and 1 p aks and	creen W-50 AD pint CamC oil pressu	Guard Ire	creen	
ENGINE MODEL TO SAME CAN DELECTION OF THE TOTAL	15/1/20	2516 5	580.7	2514 5					-			
Left Engine Log Entry REG # N13839 Date 02/01/2022 Model PA23-250 Serial # 27-4480 MFG Piper ACTT 2546 TSMOH 610 ENGS/N L-1532-61 Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling ALL CLEUT A/P 3692260 IA.			Mangon Aircraft, Inc. TIO-540-C1A ENGINE S/N (L): L-1532-61 REG. NO: 13839 WORK ORDER: 16558 Piper Petaluma, CA 94954-3908 Phone (707) 765-1848 Left Engine completed a 100 hour inspection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table Report, Items B. & C. Drained oil, checked aftermarket filter screen inspected no metal particles. Suction oil screen removed, inspected, particles, cleaned, installed and safety. Serviced with customer supplied Phillips 20W-50 oil. 12 Ots. Spark plus, removed. deared, particles, cleaned, installed and safety. Serviced with customer supplied Phillips 20W-50 oil. 12 Ots. Spark plus, removed. deared, particles, cleaned, installed and safety. Serviced with customer supplied Phillips 20W-50 oil. 12 Ots. Spark plus, removed. deared, particles, cleaned, particles,							ENG T TSMOI TAI 16, Table III-I. I pected, no me ned, gased, in spected and in 172/80. Engine 172/80, Engine	A/C TSN: 2516. ENG TT (L): 580. TSMOH (L): 580. TACH: 2516. e III-I. Inspection no metal ped. inspected. d and installed engine washed. Engine Lt.	
Left Engine Log Entry REG # N13839 Date 02/01/2022 Model PA23-250 Serial # 27-4480 MFG Piper ACTT 2546 TSMOH 610 ENGS/N L-1532-61 Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling ALL CLEUT A/P 3692260 IA.			ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY ADNOTTION.								ler 1655	
REG # N13839 Date 02/01/2022 Model PA23-250 Serial # 27-4480 MFG Piper ACTT 2546 TSMOH 610 ENGS/N L-1532-61 Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling Succession Action Serviced Serial # 27-4480 PA23-564. A/P 3692260 IA.			DATE: 01 M	ay, 2020		man, A&P. 2845176 I	A		P	rinted by EB		
MFG Piper ACTT 2546 TSMOH 610 ENGS/N L-1532-61 Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling	(2/16/202		Left Eng	ine	Log Entry							
Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling		RE	G#	V13839	Date	02/01/2022	Model					
Performed compression check CYL #1 78/80, #2 78/80, #3 76/80, #4 74/80. #5 76/80, #6 72/80. Drained oil, add 11 QTS Phillips 20W50 engine oil. Cleaned and inspect aftermarket oil filter screen. Clean and inspect suction oil screen, found no defects at this time. Serviced spark plugs and air induction filter. Complied with A/D 2015-19-07, Eff date 11/03/2015 Lycoming fuel iniection line inspection. C/W Lycomina SB 342G. I certify that this ENGINE has been inspected IAW an 100hr/annual inspection and was found to be in airworthy condition. Brian Welling				Piper	ACTT	2546	TSMOH	610	ENG	S/N	L-153	2-61
SUB-TOTALS this page		Pe Dra scr	erformed con ained oil, ad reen. Clean d air inducti ection line ir ertify that th und to be in	npression changed and inspect on filter. Cornspection. Conspection.	neck CYL hillips 20V suction of nplied with two Lycomnas been andition.	#1 78/80, #2 V50 engine oi il screen, four n A/D 2015-19 ina SB 342G inspected IAV	78/80, #3 7 I. Cleaned nd no defec 9-07, Eff da V an 100hr/	76/80, #4 and insp ats at this ate 11/03 /annual	4 74/80. # pect after s time. Se 3/2015 Ly	market o erviced s coming f	il filter park plug uel	
TOTALS—Carry forward to next page					-							

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		PTION OF WORK PERFORMED— IFICATE NO OF PERSON PERFORMING WORK
				TOTALS brought forward fro	om previous page
		Win W	in Aviation		
		L/H En	gine		
Aircraft: Aircraft TT:	N13839		Lycoming 170-540-	-C1A Date: 11/6/2023	
acreit II.	2555.8	SN	L-1532-61	Tach: 2555.8	
check CYU cleaned, cl oil filter so and check. Complied Lycoming :	# 78/80, CYL#2 78, hecked and gappe reen. No debris fo . Internal timing co with AD 2015-190 SB 342G.	/80, CYLM3 76/80, C d, installed and tor und. Both inboard ompleted, fitted an 7, efffective date 1	YL#4 75/80, CYL#5 qued. Drained oil, d and outboard slick i d timed to engine. 1 1/03/2015 Lycomin	PN 753-564. Performed compression 76/80, CYL#6 74/80. Removed spark plugs deaned, checked, and cleaned aftermarket magnetos sent out for 500hr inspection 11 qts Philips 20W50 engine oil added. g fuel injection line inspection. C/W	
All inspec	ctions, work, and r	epairs were perform	med per Customers	Request, IAW appropriate manufacturer's	
or applia	nce identified ab	ove are tereby and	rais, and standard po proved for return to	ractices. The aircraft, engines, propellers, service as per the work performed.	
			M.	service as per tile work performed.	
Signature LF.Mybur	gh 354299EIA				
an anyout	- Service				
					
			!		
		Win W			
		L/H E	/in Aviation ngine		
	N13839	L/H E	ngine Lycoming TIO-540	D-C1A Date: 3/12/2025	:
	N13839 2557.2	L/H E	ngine	O-C1A Date: 3/12/2025 Tach: 2557.2	
cleaned, ch oil, cleaned oil added. (C/W Lycom	with 100hr/annua 75/80, CYL#2 74, hecked and gappe d, checked, and ci Complied with AD	L/H E: MOD SN al inspection IAW P /80, CYL#3 76/80, d,removed and rej eaned aftermarket	Lycoming TiO-54(L-1532-61 Liper Service Manua CYL#4 75/80, CYL#5 placed 4(ea) worn s oil filter screen. No tive date 11/03/20	-,,	
Complied check CYLI cleaned, choil, cleaned oil added. (C/W Lycom)	with 100hr/annua # 75/80, CYL#2 74 hecked and gappe d, checked, and cl Complied with AD ning SB 342G. AD	L/H E: MOD SN al inspection IAW P /80, CYL#3 76/80, d,removed and rej eaned aftermarket	Lycoming TiO-54(L-1532-61 Liper Service Manua CYL#4 75/80, CYL#5 placed 4(ea) worn s oil filter screen. No tive date 11/03/20	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plug- spark plugs, insattled and torqued Drained of debris found. 11 qts Philips 20W50 engin	
Complied check CYLI cleaned, choil, cleaned oil added. (C/W Lycom clamps, four All inspections)	with 100hr/annua # 75/80, CYL#2 74, hecked and gappe d, checked, and di Complied with AD ling SB 342G. AD : und satisfactory.	L/H E: MOD SN al inspection IAW P /80, CYL#3 76/80, rd,removed and re; eaned aftermarket 2015-1907, efffec 2023-09-09 Compl	Lycoming TiO-54(L-1532-61 liper Service Manua CYL#4 75/80, CYL#5 placed 4(ea) worn s oil filter screen. No tive date 11/03/20 ied with by means of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugsipark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
Complied check CYLI cleaned, choil, cleaned oil added. (C/W Lycom clamps, four Maintenan change of the complex change of the ch	with 100hr/annua # 75/80, CYL#2 74, hecked and gappe d, checked, and di Complied with AD ling SB 342G. AD : und satisfactory.	L/H E. MOD SN al inspection IAW P /80, CYL#3 76/80, ed,removed and rejeaned aftermarket 2015-1907, efffect 2023-09-09 Complete and the second	Ingine Lycoming TIO-54(L-1532-61 L-1532-61 Liper Service Manual CYL#4 75/80, CYL#5 placed 4(ea) worn so oil filter screen. No tive date 11/03/20 ied with by means of med per Customers als, and standard of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugs spark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
Complied check CYLI cleaned, choil, cleaned, choil added. (C/W Lycom clamps, four All inspection maintenance) All inspections.	with 100hr/annua # 75/80, CYL#2 74, hecked and gappe d, checked, and di Complied with AD ling SB 342G. AD : und satisfactory.	L/H E. MOD SN al inspection IAW P /80, CYL#3 76/80, ed,removed and rejeaned aftermarket 2015-1907, efffect 2023-09-09 Complete and the second	Ingine Lycoming TIO-54(L-1532-61 L-1532-61 Liper Service Manual CYL#4 75/80, CYL#5 placed 4(ea) worn so oil filter screen. No tive date 11/03/20 ied with by means of med per Customers als, and standard of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugsipark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
Complied check CYLI cleaned, choil, cleaned, choil added. (C/W Lycom clamps, four All inspection maintenance) All inspections.	with 100hr/annua # 75/80, CYL#2 74, hecked and gappe d, checked, and di Complied with AD ning SB 342G. AD .: und satisfactory.	L/H E. MOD SN al inspection IAW P /80, CYL#3 76/80, ed,removed and rejeaned aftermarket 2015-1907, efffect 2023-09-09 Complete and the second	Ingine Lycoming TIO-54(L-1532-61 L-1532-61 Liper Service Manual CYL#4 75/80, CYL#5 placed 4(ea) worn so oil filter screen. No tive date 11/03/20 ied with by means of med per Customers als, and standard of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugs spark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
1 Complied of check CYLI cleaned, check CYLI cleaned, check CYW Lycom clamps, four clamps, four clamps, four clamps. Signature	with 100hr/annual 75/80, CYL#2 74, hecked and gappe d, checked, and cicomplied with AD aing SB 342G. AD and satisfactory.	L/H E. MOD SN al inspection IAW P /80, CYL#3 76/80, ed,removed and rejeaned aftermarket 2015-1907, efffect 2023-09-09 Complete and the second	Ingine Lycoming TIO-54(L-1532-61 L-1532-61 Liper Service Manual CYL#4 75/80, CYL#5 placed 4(ea) worn so oil filter screen. No tive date 11/03/20 ied with by means of med per Customers als, and standard of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugs spark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
Complied check CYLI cleaned, choil, cleaned oil added. (C/W Lycom clamps, four clamps, four maintenan or appliance)	with 100hr/annual 75/80, CYL#2 74, hecked and gappe d, checked, and cicomplied with AD aing SB 342G. AD and satisfactory.	L/H E. MOD SN al inspection IAW P /80, CYL#3 76/80, ed,removed and rejeaned aftermarket 2015-1907, efffect 2023-09-09 Complete and the second	Ingine Lycoming TIO-54(L-1532-61 L-1532-61 Liper Service Manual CYL#4 75/80, CYL#5 placed 4(ea) worn so oil filter screen. No tive date 11/03/20 ied with by means of med per Customers als, and standard of	Tach: 2557.2 al PN 753-564. Performed compression 5 76/80, CYL#6 74/80. Removed spark plugs spark plugs,insattled and torqued Drained to debris found. 11 qts Philips 20W50 engin 15 Lycoming fuel injection line inspection. of visual inspection of the turbo V-band	e
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WO SIGNATURE & CERTIFICATE NO. OF	
				TOTALS brought forward from previous p	age
. Wo:	WO_1544				Engine L · page 1 of 1
]	First Line	Engine E · page / O/ /
_		Fin	st Line Aero, LL	.C · 458 CR 1618 · Rusk, TX 75785 · 903-316-83	
	3839 CH: 2568.4	L	COMING, TI	0-540 SER, S/N: ENGINE-L SN TBD	July 24, 2025
_	plugs. Four Replaced be exhaust side rocker arm cover and e	nd broken ex broken exhau de pushrod tu and pushrod engine cowls	haust valve sprir ust valve sprir ube cover, res I tube. Check Unstalled (2)	ow on cylinder 5. Removed LH engine siderings and bent pushrod on cyl 5. Ings on cylinder 5. Replaced exhaust pushret oil lifter tappet. Reinstalled tube cover. First dry valve lash, good. Reinstalled spark property P/N SL12892 - Rocker Shaft Button, P/N SI/N SL15F19957-34 - Push Rod Assembly.	rod on cylinder 5. Removed Reinstalled rocker arm shaft, llugs. Reinstalled rocker arm L11795 - Inner Valve Spring,
_ appr	oved for retu	rn to service.	Lycoming Di	rect Drive MM. With respect to the work p	erformed, this engine LH is
_ T.J.	Hunter A&P/I	IA 3554698	1/10	was plants	
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2000 SSS, 2000					
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