

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 1 1533 61

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

RIGHT
ENGINE
MAINTENANCE
RECORDS

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N13839

Engine Manufacturer Lycoming

Model T10-540-C1A

Serial No. A-1533-61

Date installed on aircraft _____

Time Between Overhauls (TBO) 1500 Hours

If used on multi-engine aircraft:

- | | |
|---|-------------------------------|
| <input checked="" type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |

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
4-5-71		65.3750	1987.2	changed engine oil & FILTER, ADDED 11 QTS AEROSHELL 50 W NON-DETERGENT MINERAL OIL Ronald E. Canner AIP 313586855
6-11-91		98.7750	2022.5	changed engine oil AND FILTER, ADDED 11 QTS AEROSHELL 100W DET. cleaned Fuel Injector nozzles. replaced TURBO HEAT BLANKET. ADJUSTED Idle mixture as necessary. replaced pushrod housing TUBES (3ea.) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN/AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Ronald E. Canner IA313586855
8/7/91	ALL cyl. compression 70+/80		2032.7	clw AD 91-08-07 Amed 39-6962 par (a), (b), (1) & (2) INSTALLED PLW OZA21380 FILTERS. Ronald E. Canner IA313586855
11/2/91		2066.3		changed engine oil AND FILTER, ADDED 11 QTS AEROSHELL det. cleaned and gapped spark plugs retimed magnetos, cleaned engine AIR FILTER Ronald E. Canner AIP 313586855
2/3/92		164.5750	2088.3	changed engine OIL & FILTER, INSPECTED FILTER, ADDED 11 QTS AEROSHELL 50WT DET. checked cylinder compression ALL cylinders 75+ 80 Ronald E. Canner AIP 313586855
				SUB-TOTALS this page
				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
				TOTALS brought forward from previous page
6/2/92		165.1	2088.9	Cleaned Fuel Injectors, Fuel screens, Inspected Engine controls and exhaust system, checked cylinder compressions - all cylinders ⁷⁵⁺ / ₈₀ I certify that this engine has been inspected I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION <u>David Roe 1A15908</u>
11/21/92		190.7	2114.5	CHANGED ENGINE OIL + FILTER - AEROSHELL 15-50W - 11 QTS. CLEANED ENGINE AIR FILTER <u>John Deaton</u>
7-1-93		217.8	2141.6	I CERTIFY THAT THIS ENGINE HAS BEEN I/A/W AN ANNUAL INSP & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION <u>David Roe 1A15908</u>
5-7-94		218.8	2142.6	CHANGED ENGINE OIL + FILTER - AEROSHELL 15-50W - 11 QTS - CLEANED AIR FILTERS <u>John Deaton</u>
11-25-94		219.5	2142.6 2143.3	I CERTIFY THAT THIS ENGINE HAS BEEN I/A/W AN ANNUAL INSP & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION <u>David Roe 1A15908</u>
11/25/94		219.5	2143.3	CHANGED ENGINE OIL + FILTER - AEROSHELL 15-50W - 11 QTS - CLEANED ENGINE AIR FILTER <u>John Deaton</u>
				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	TACH 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
11-13-95	2174.2	250.4	2174.2	Changed ENGINE OIL + Filter - Aeroshell 15-50 w - 11qts - CLEANED AIR FILTERS <i>gr</i>
6-12-96	2178.3	254.5	2178.3	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTIONED BY A/R/W AN ANNUAL INSPECTION WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION <i>David Rose IA 119026</i>
6/12/96	2178.3	254.5	2178.3	Changed ENGINE OIL + FILTER Aeroshell 15-50 - 11qts. CLEAN AIR FILTER - FUEL FILTER <i>gr</i>
5/10/97	2182.6	258.8	2182.6	A/C OUT OF SERVICE 6/20/96 TO 5/10/97 Periodic
5/10/97	2182.6	258.8	2182.6	ENGINE RUNS (4) during this time;
7/01/97	2201.3	277.5	2201.3	A/C - ENGINE OUT OF SERVICE - STORAGE <i>gr</i>
6/30/06	2203.8	280.0	2203.8	UPDATED HAS <i>Amoyon IA 1570569</i>

ENGINE MODEL:
TIO-540-C1A
ENGINE S/N (R): L-1533-61
REG. NO: 13839
WORK ORDER: 11978



Mangon Aircraft, Inc.
501 Sky Ranch Drive
Petaluma, CA 94954-3908
Phone: (707) 765-1848

2203.8

DATE: 11/1/2007
A/C TSN: 22138
ENG TT (R): 24.6
TSMOH (R): 290
TACH: 2213.8

Right Engine Entries

Right Engine completed a 100 hour inspection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Items B. & C. Drained oil, changed oil filter CH48104, inspected no metal particles. Suction oil screen removed, inspected, no metal particles, cleaned, installed and safetied, Serviced with Shell 15W-50 oil, 12 Qts. Spark plugs removed, cleaned, gaped, inspected, rotated and installed. Magneto timing and sync, checked at 20 BTC #1. Injection nozzles removed ultra-sonic cleaned, inspected and installed with new seals. Fuel system pressure checked, no leaks. Compression test, Cyl. 1-75/80, 2-77/80, 3- 77/80, 4-76/80, 5-76/80, 6-75/80. See following corrected discrepancies.... Engine right scavenge oil pump removed, cleaned, inspected and new gasket installed. Leak and ops check good.... Engine right side idle speed adjusted to 650 RPM.... A.D. 2002-26-01 Eff. 01/31/03 Lycoming Fuel Injection Line inspection complied with by visual inspection I/A/W Lycoming Service Bulletin 342A & 342D. Clamps and hardware installed to conformed to specifications set forth in diagram 21 of S.B. 342D. Inspection will be due again 11/30/07 or 2313.8 hours.... A.D. 2003-14-03 Textron Lycoming / Crane / Lear Romec fuel pump torque check inspection complied with I/A/W Lycoming Service Bulletin 529B. Rt. engine no defects noted. A.D. needs to be complied with again in 50 hours at 2263.8 hrs.... A.D. 2005-12-06 eff. date 07/19/2005 Bendix/TCM Magnetos to prevent failure of the magneto impulse coupling assembly Complied with by inspection of Lt. & Rt. magneto I/A/W para (f) of A.D. and TCM MSB # 645. Impulse couplings are rivet type and data tag is not marked with "A" in lower right section quarter. Inspection is due again at 2313.0 hours total time.... Engine right pressure controller heat shield replaced with new torqued mounting screws and safetied.... Engine right oil leak at bottom front case seam bolts and nuts torqued. Leak check good.... Engine right side oil filter bottom fitting re-sealed. Filter cleaned. Fitting re-positioned and installed. Leak and ops check good.

ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 11/1/2007

SIGNED: *[Signature]*

Work Order: 11978

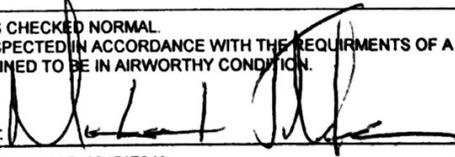
Michael Tillman, A&P: 2845176 IA

Printed by EBis 3 (datcomedia.com)

2203.8	280.0	2203.8
--------	-------	--------

SUB-TOTALS this page

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
	2203.8	280.0	2203.8	TOTALS brought forward from previous page
11/06/07	2204.0	280.2	2204.0	CHANGED ENGINE OIL - CLEANED SCREEN Filled 11 quarts Aeroshell 15-50w J. Deaton - owner
01/18/08	2223.6	299.8	2223.6	Removed + Cleaned oil Screen Replaced Screen, Ran engine - returned to service J. Deaton owner
02/08/08	2234.5	310.7	2234.5	CHANGED engine oil - CLEANED SCREEN - REPLACED SCREEN Filled 11 quarts Aeroshell 15-50w RAN ENGINE - RETURNED TO SERVICE J. Deaton - owner - 30.5T - BC
<p>ENGINE MODEL: T10-540-C1A ENGINE S/N (R): L-1533-61 REG. NO: 13839 WORK ORDER: 12695</p>  <p>Mangon Aircraft, Inc. 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848</p> <p>DATE: 4/8/2009 A/C TSN: 2265.06 ENG TT (R): 75.86 TSMOH (R): 341.26 TACH: 2266.06 2234.5</p> <p>Right Engine Entries</p> <p>Right Engine completed a 100 hour inspection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Items B. & C. Drained oil, oil filter screen removed, cleaned and inspected no metal particles. Suction oil screen removed, inspected, no metal particles, cleaned, installed and safetied. Serviced with Shell 15W-50 oil, 10 Qts. Spark plugs, removed, cleaned, gaped, inspected, rotated and installed. Magneto timing and sync, checked at 20 BTC #1. Injection nozzles removed and new turboGAMinjector nozzles installed. Fuel system pressure checked, no leaks. Compression test, Cyl. 1-77/80, 2-76/80, 3-78/80, 4-78/80, 5-78/80, 6-77/80. See following corrected discrepancies.... A.D. 2003-14-03 Textron Lycoming / Crane / Lear Romec fuel pump torque check inspection complied with I/A/W Lycoming Service Bulletin 529B. Next inspection due in 50 hrs. at 2315.06... A.D. 2008-14-07 Eff. 08/14/2008 Eng. Rt. Lycoming Fuel Injection Line inspection complied with by para. (j), (k), and Lycoming Engine MSB No. 342E. No discrepancies noted. Next due 2365.0 or when clamps or lines disturbed.... A.D. 2008-19-05 eff. 10/20/2008 Eng Rt. 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 ECI.... A.D. 2009-02-03 Eff. 02/09/2009 Eng Rt. To prevent a lean running engine. Not applicable due to date of overhaul of fuel injection servo, overhauled on 11/20/1990.... Engine right cylinders #1 and #2 induction tubes removed, inspected, prep and painted. Reinstalled with new gaskets.</p> <p>ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE: 4/8/2009 SIGNED:  Michael Tillman, A&P: 2845176 IA Work Order: 12695 Printed by EBis 3 (datcomedia.com)</p>				
04/08/2009	2234.5	341.26	2234.5	APRIL/08/ LOG MANUAL Complete
04/13/2009	2253.6	360.4	2253.6	APRIL 13 2009 - Time update To Reflect Tach Reading 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 2253.6
				SUB-TOTALS this page
				TOTALS—Carry forward to next page
	2253.6	360.4	2253.6	

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
8/16/09	2280.5	387.3	2280.5	Changed Engine Oil - Cleaned Screen - Filled - 10 qt Aeroshell 15-50W - Cleaned Air Filter - RAW Engine - Returned To Service John Deaton - owner

11/23/09 Right Tach 2291 3
 Replaced fuel return hose MID: 542929803356252 TID LK6367156 with part from IAS Inc.
 Replaced AN837-4 Fitting
 Richard Guenther AP3039613IA *Richard H Guenther*

12/27/09	2309.6	416.4	2309.6	Changed Engine Oil - Cleaned Screen. Filled - 10 qt. Aeroshell 15-50W - Cleaned Air Filter - RAW Engine - Returned To Service: John Deaton - owner
----------	--------	-------	--------	--

ENGINE MODEL TIO-540-C1A
 ENGINE S/N (R) L-1533-61
 REG NO 13839
 WORK ORDER: 13040

 **Mangon Aircraft, Inc.**
 501 Sky Ranch Drive
 Petaluma, CA 94954-3908
 Phone: (707) 765-1848

DATE 1/6/2010
 SIGNED *Paula Mager*
 Ronald Mangon, A&P 3456258 IA

DATE 1/6/2010
 A/C TSN 2309 6
 ENG TT (R) 120 4
 TSMOH (R) 385 8
 TACH 2309 6

Work Order 13040
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL TIO-540-C1A
 ENGINE S/N (R) L-1533-61
 REG NO 13839
 WORK ORDER: 13137

 **Mangon Aircraft, Inc.**
 501 Sky Ranch Drive
 Petaluma, CA 94954-3908
 Phone: (707) 765-1848

DATE 9/7/2010
 A/C TSN 2329 99
 ENG TT (R) 140 79
 TSMOH (R) 408 19
 TACH 2329 99

Right Engine Entries
 Right Engine completed a 100 hour inspection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Items B & C. Suction oil screen and reusable filter removed, inspected, no metal particles, cleaned, installed and safetied. Serviced with Phillips 20W-50 mineral oil, 12 qts. for cylinder break-in period. Spark plugs, removed, cleaned, gaped, inspected, rotated and installed. Magneto timing and sync, checked at 20 BTC #1 Injection nozzles removed ultra-sonic cleaned, inspected and installed with new seals. Fuel system pressure checked, no leaks. Compression test, Cyl. 1-76/80, 2-78/80, 3-78/80, 4-76/80, 5-76 /80, 6-78/80 See following corrected discrepancies. . A.D. 2003-14-03 Textron Lycoming / Crane / Lear Romec Engine Rt. fuel pump torque check inspection complied with VA/W Lycoming Service Bulletin 529B. Previous compliance with (b), (2) and (i) with no change in torque. Section (4) complied with by visual inspection. No leaks noted. Due again at 2379 99 hrs. A.D. 2008-14-07, eff. date 8/14/08. Engine Rt. Lycoming Fuel Injection Line inspection Complied with Para (j) no leaks, no defects. Due again at 2439 99 hrs. or 9/2011 . . A.D. 2009-28-12, effective date 2/4/2010, Engine Rt. 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 to part number installed.

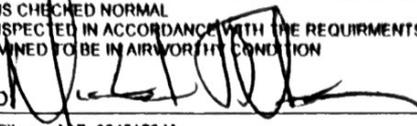
Engine Rt. customer requested to remove and replace all cylinders. Rocker arms removed and sent for overhaul. Installed new ECI Titan cylinders per Lycoming overhaul manual Pn. 60294-7 section 6-121 thru 6-126. Lub-torqued cylinder base 3/8" nuts to 300 in. lbs. and 1/2" nuts to 600 in. lbs. Ground run up and break-in procedures completed per ECI Titan installation sheet. Mineral oil installed for break-in period. Leak and oops check good. Engine Rt. RPM adjusted to 650

ENGINE GROUND OPERATED. ALL SYSTEMS CHECKED NORMAL
 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION

WORK

DATE: 9/7/2010

SIGNED



Work Order 13169

Michael Tillman, A.P. 2845178 IA

Printed by EBIS 3 (datcomedia.com)

09/07/10	2314.48	394.2	2314.48	CERTIFIED AIRCRAFT TIME - RIGHT ENGINE
10/07/10	2327.18	406.9	2327.18	12.7 hours Since Top overhaul
/				DATE: 10/09/2010 TOTAL ENGINE HOURS: 2327.18 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) 
10/09/10	2327.18	406.9	2327.18	
8/16/11	2347.73	427.45	2347.73	33.25 hours Since Top overhaul
/				DATE: 08/16/2011 TOTAL ENGINE HOURS: 2347.73 TSMOH: 427.45 TSTOPH: 33.25 Changed engine oil - Cleaned and inspected ADC oil screen. Filled crankcase with 10 qts. Phillips 66 X/C 20W-50 AD Multigrade mineral base Ran engine - checked for leaks and proper oil pressure Inspected engine air filter returned to service John G Deaton (owner) 
8/16/11	2347.73	427.45	2347.73	
9/06/11	2350.64	430.36	2350.64	2.91 hours ADD 1 QT. Phillips 66 X/C 20W-50 AD
				36.16 TSTOPH 

SUB-TOTALS this page

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			
	2507.3	583.5	2507.3	TOTALS brought forward from previous page			
04/13/2019	2513.3	✓	✓	DATE 04/18/2019 RIGHT			
4/03/2019	2513.3	589.5	2513.3	TOTAL ENGINE HOURS 2513.5 TSMOH 589.5 TSTOPH 181.97 Changed engine oil - Cleaned and inspected ADC oil screen Cleaned and inspected crankcase screen Filled with 10 qts Phillips 66 X7C 20W-50 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) <i>John G Deaton</i>			
04/18/2019		589.5	2513.5				
05/01/2020	2516.5	592.7	2516.5				
ENGINE MODEL: TIO-540-C1A ENGINE S/N (R): L-1533-61 REG. NO. 13839 WORK ORDER: 16558				Mangon Aircraft, Inc. 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848			
Right Engine Entries Right Engine completed a 100 hour inspection for Annual Certification. Ref: Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Items B. & C. Drained oil, aftermarket oil screen inspected no metal particles. Suction oil screen removed, inspected, no metal particles, cleaned, installed and safety. Serviced with customer supplied Phillips 20W-50 oil. 12 Qts. Spark plugs removed, cleaned, gaped, inspected, rotated and installed. Magneto timing and sync checked at 20 BTC cylinder #1 Injection nozzles removed ultra-sonic cleaned, inspected and installed with new seals. Fuel system pressure checked, no leaks. Compression test, Cyl. 1-78/80, 2-72/80, 3-78/80, 4-78/80, 5-78/80, 6-76/80. Engine washed. Ground run up performed. Ops check good. Engine Rt. idle speed adjusted up to 650 RPM. Engine Rt. mixture adjusted lean to achieve a 50 RPM rise on shut down. A.D. 2015-19-07, effective date 11/3/2015, Engine Rt. Lycoming Fuel Injection Line inspection complied with per Lycoming Service Bulletin 342G Supolements 1 & 2. No defects noted.				DATE: 01 May, 2020 A/C TSN: 2516.5 ENG TT (R): 2516.5 TSMOH (R): 592.7 TACH: 2516.5			
ENGINE GROUND OPERATED, ALL SYSTEMS CHECKED NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				SIGNED: <i>[Signature]</i> Michael Tillman, A&P: 2845176 IA			
DATE: 01 May, 2020				Work Order: 16558 Printed by EBis 3 (datcomedia.com)			
Right Engine Log Entry							
REG #	N13839	Date	02/01/2022	Model	PA23-250	Serial #	27-4480
MFG	Piper	ACTT	2546	TSMOH	622	ENGS/N	L-1533-61
Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564. Performed compression check CYL #1 78/80, #2 78080, #3 76/80, #4 74/80. #5 76/80, #6 74/80. 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 iniecton line inspection. C/W Lvcomina 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 <i>Brian Welling</i> A/P 3692260 IA.							

SUB-TOTALS this page
 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
TOTALS brought forward from previous page				

Win Win Aviation
RH Engine

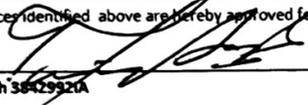
Aircraft: N13839
Aircraft TT: 2555.8

MOD Lycoming TIO-540-C1A
SN L-1533-61

Date: 11/6/2023
Tech: 2552.1

- 1 Complied with 100hr/annual inspection IAW Piper Service Manual PN 753-564. Performed compression check CYL# 78/80, CYL#2 78/80, CYL#3 76/80, CYL#4 75/80, CYL#5 76/80, CYL#6 74/80. Removed spark plugs cleaned, checked and gapped, installed and torqued. Drained oil, cleaned, checked, and cleaned aftermarket oil filter screen. No debris found. Both inboard and outboard slick magnetos sent out for 500hr inspection and check. Internal timing completed, fitted and timed to engine. 11 qts Philips 20W50 engine oil added. Complied with AD 2015-1907, effective date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G.

All inspections, work, and repairs were performed per Customers Request, IAW appropriate manufacturer's maintenance manuals, structural repair manuals, and standard practices. The aircraft, engines, propellers, or appliances identified above are hereby approved for return to service as per the work performed.

Signature 
J.F. Myburgh SB42921A

Win Win Aviation
RH Engine

Aircraft: N13839
Aircraft TT: 2557.2

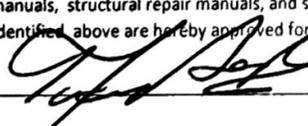
MOD Lycoming TIO-540-C1A
SN L-1533-61

Date: 3/12/2025
Tach: 2557.2

- 1 Complied with 100hr/annual inspection IAW Piper Service Manual PN 753-564. Performed compression check CYL# 77/80, CYL#2 76/80, CYL#3 76/80, CYL#4 75/80, CYL#5 76/80, CYL#6 74/80. Removed spark plugs cleaned, checked and gapped, installed and torqued. Removed and replaced 4(ea) bad spark plugs. Drained oil, cleaned, checked, and cleaned aftermarket oil filter screen. No debris found. 11 qts Philips 20W50 engine oil added. Complied with AD 2015-1907, effective date 11/03/2015 Lycoming fuel injection line inspection. C/W Lycoming SB 342G. Replaced fuel flow transmitter with new unit, ground runs completed, found satisfactory. AD 2023-09-09 Comply with by means of visual inspection of the turbo V-Band clamps, found satisfactory.

Replaced faulty f/flow transmitter with new unit, tested, found satisfactory.

All inspections, work, and repairs were performed per Customers Request, IAW appropriate manufacturer's maintenance manuals, structural repair manuals, and standard practices. The aircraft, engines, propellers, or appliances identified above are hereby approved for return to service as per the work performed.

Signature 

SUB-TOTALS this page

TOTALS—Carry forward to next page

