

R H ENGINE LOGBOOK # 2
WESTERN SKYWAY INC
MAJOR OVERHAUL

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

RH



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 55 B Z

Engine Manufacturer Lycoming

Model I0540-B1A5

Serial No. L-327-48

Date installed on aircraft 2-11-2002

Time Between Overhauls (TBO) 1,400 Hours

If used on multi-engine aircraft:

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



(All applicable information must be filled in)

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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
	4686.4	572.8	192.8	TOTALS brought forward from previous page
4-18-16	4,686.4	572.8	192.8	Log book entry, Aero Commander 500B, N55BZ, S/N 1041-42 Right engine, IO540-B1A5, S/N L327-48. Engine times & records transferred from previous engine log book this date, at 6.064.4, aircraft total time Erick Flores A&P 3559225 Erick Flores
4-29-16	4,686.4	572.8	192.8	Log book entry Aero Commander 500B, N55BZ, S/N1041-42 Right Engine, IO540-B1A5, S/N L-327-48 Complied with a 100 hr. inspection in accordance with Twin Commander inspection guide. Performed the following maintenance: <ol style="list-style-type: none"> 1. Compression check: #1-76, #3-77, #5-76 #2-75, #4-75, #6-78 2. Cleaned & gapped spark plugs 3. Changed oil, installed new CH 48108-1 oil filter, cleaned sump suction screen, installed new oil quick drain valve, P/N P5000 serviced engine with 10 qts Aeroshell W100. Cleaned firewall fuel screens, installed with new O'rings, pressure check good, no leaks. 4. Removed engine magnetos for compliance with Slick 500 hr. inspection & service by Aeromechanix, Ramona, Ca., installed P/N 6393, S/N 00110635, left, & P/N 6350, S/N 01090161 right, with new mounting gaskets, & rubber cushions, set magneto timing. Next inspection due @6,564.4 total time, or 692.8 hobbs time. 5. Replaced 2 rocker cover gaskets, torqued all rocker cover screws. 6. Fabricated & installed new "L" bracket on outboard aft baffle. Repaired all baffles, & rubber baffle seals. 7. Replaced 1 rocker cover gasket, torqued all rocker cover screws. Continued next page
	4686.4	572.8	192.8	SUB-TOTALS this page
	4686.4	572.8	192.8	TOTALS —Carry forward to next page

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	4686.4	572.8	192.8	TOTALS brought forward from previous page
4-29-16	4,686.4	572.8	192.8	Continued from previous page, log book entry RH engine, IO540-B1A5, S/N L-327-48 8. Checked compliance with recurring AD's: A. AD2015-19-07 "fuel injection lines" complied with by inspection per SB 342G, no defects, next due @6,164.4 total time or 292.8 hobbs time B. AD 2012-19-01 "crankshaft change" found N/A at this time, due by Jan 2024, or any engine work requiring access to crankshaft. C. 2012-03-06 "Avstar Fuel Servo Diaphragm", found N/A by date of fuel system overhaul. Engine run & checked for leaks. Operation normal. Engine approved for return to service. Erick Flores A&P 3559225 Erick Flores
5-3-16	4,686.4	572.8	192.8	Log book entry RH engine, Aero Commander 500B, N55BZ IO540-B1A5, S/N L-327-48 I certify that this Engine has been inspected in accordance with an Annual inspection, and was determined to be in airworthy condition as of this date. Walter T. Cheers A&P 532382706 IA Walter T. Cheers M582382706
	4686.4	572.8	307.0	
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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				TOTALS brought forward from previous page
2/24/17	4779.8	666.2	286.2	R/H engine changed oil & filter. 12 qts Aeroshell 100W AA 48108-2 filter. Cut & inspected removed filter & coarse screen. NO debris or metal. Leak checks good on ground run. Paul B. J. A&P 3404767
7-1-17	4800.6	687.0	307.0	100 HR Insp complete this date. Engine Comp as follows #1 7/8" #2 7/8" #3 7/8" #4 7/8" #5 7/8" #6 7/8" cleaned, gaped plugs. Ground run naut. AD's currat (SEE LIST). Engine released for a return to service flight A-P 21489437A
9-27-17	4822.6	708.8	328.8	Completed oil change. Replaced Champion filter CH48108-1. Serviced with 10 quarts Aeroshell 100W. Danyl Frink A&P 3131929
6-1-18		764.8	384.8	Completed Oil Change. Replaced Tempest AA 48108-2. Serviced with 10 quarts of Aeroshell 100W
	4822.6	784.7	384.8	SUB-TOTALS this page
	4822.6	784.7	384.8	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
	4822.6	784.7	404.7	TOTALS brought forward from previous page
9-13-18	4,922.5	784.5	404.7	Log book entry Aero Commander 500B, N55BZ, S/N 1041-42 RH engine IO540-B1A5, S/N L- 327-48. Complied with a 100 hr. inspection in accordance with Twin Commander inspection guide 513A. Performed the following maintenance. 1. Compression check: #1-77, #3-78, #5- 79 #2-78, #4-79, #6-78 2. Cleaned engine for oil leaks. Replaced pushrod seals on #5 cylinder, installed new rocker cover gasket. Replaced oil drain tube hose #2 cyl. Installed new rocker cover gaskets on #3, & #4 cyls. 3. Removed Alternator for repairs due to intermittent operations. Reinstalled after repair. 4. Replaced bolt in outboard aft engine baffle, repaired broken attach angle. Baffle to engine case. 5. Installed new UREM 38E spark plugs. Checked magneto timing. 6. Complied with the following recurring AD's. A. AD 2017-16-11 "Lycoming engine connecting rods" found N/A by date of engine overhaul. Reference Lycoming MSB 632 dated August 4, 2017. B. AD 2015-19-07 "Lycoming fuel injection lines" complied with by inspection per MSB342G by inspection, replaced Adel clamp on #2 cyl. Line, no other defects. Next inspection due @ 514.7 hrs. hobbs/6,386.0 aircraft total time. C. AD 2012-19-01 "Lycoming crankshaft change" N/A at this time. Due Jan. 1, 2024. D. AD 2012-03-06 "Avstar fuel servo diaphragm" found N/A by overhaul date. E. AD2004-10-14C "Lycoming engine" found N/A, due only upon prop strike. F AD 2003-14-03 "AN rotary fuel pump" complied with by torque check per instructions. SB529B. No defects. Next inspection due @ 504.7 hrs. hobbs or 6,376.0 hrs. aircraft total time. Engine ran for leak check. 100 hr. inspection, & all maintenance completed per 500B, Lycoming Service manual, & all related service publications. M. H. Shing A&P 3492428
				SUB-TOTALS this page
	4,922.5	784.5	404.7	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
	4,922.5	784.5	404.7	TOTALS brought forward from previous page
1-13-18	4,922.5	787.7	404.7	Log book entry, RH engine, S/N L-327-48, Aero Commander eng. t.t. tsmoh hobbs 500B, N55BZ, S/N 1041-42 I certify that this Engine has been inspected in accordance with an annual inspection, & determined to be in airworthy condition as of this date. <i>Shirley Hobbs</i> <i>AP 349592570</i>
12-5-18	Hobbs 415.2	A/C TOTAL TIME 6286.8		
	RIGHT ENGINE SMOIT 700.8	RIGHT PROPELLER SNEW 700.8		
	ENGINES AND PROPELLERS INSTALLED ON N55BZ 2-11-2002			
	AT AIRCRAFT TOTAL TIME 5586.0.			
	INSPECTION PERFORMED IN ACCORDANCE WITH FAA FAR 43			
	APPENDIX D AND LYCOMING SERVICE INFORMATION. A.D.			
	COMPLIANCE RECORDED IN AIRCRAFT RECORDS. COMPRESSION			
	77% OR BETTER ON ALL CYLINDERS AND NO METAL FOUND IN			
	OIL FILTERS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN			
	ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED			
	TO BE IN AIRWORTHY CONDITION. <i>R. J. Braun</i>			
				<i>AP 2065291361A</i>
				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
4/29/2020		780.9	3953	TOTALS brought forward from previous page
				DRAINED OIL, REMOVED OIL FILTER,
				CUT OPEN & CHECKED FOR METAL, NONE
				NOTED, SERVICED WITH 10 QTS PHILLIPS
				XL2050 APO CHAMPION 48108-1 OIL FILTER
				RAN C/W AD 2003-14-03 PER
				LYC SB529B, NO PERIODIC NOTES, RAN
				ENGINE & NO LEAKS NOTED AT THIS
				TIME
				<i>Ch. New</i> <i>AP 3420143</i>
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 77TR565C
LOG ID# 790 30 March-2021 WO# 1994-2 FORM# TTA-016 AC TT 6433.8 HOBBS 562.7
N55BZ S/N 500B-1041-42 AERO COMMANDER 500B TSMOH 848.3 Pg 1/1

**** ITEM # 1994-2 ANNUAL ****
PERFORMED ANNUAL INSPECTION ON RH ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE.
COMPRESSION CHECKED AS FOLLOWS: #1 78/80, #2 80/80, #3 78/80, #4 80/80, #5 74/80, #6 78/80.
RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THOUGH AD 17-16-11 AND
3/29/2021. C/W AD 15-19-07 FUEL INJECTOR FUEL LINES AND CLAMPS IAW LYCOMING SB 342G, NO DISCREPANCY
NOTED, NEXT DUE HOBBS 672.7. REPLACE BA151E AIR FILTER. REMOVED, CLEANED, RE-GAPPED, TESTED AND
REINSTALLED SPARKS PLUGS WITH NEW GASKETS. CHECKED MAGS TIMING. OIL CHANGED BY CUSTOMER. PERFORMED
POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT
ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION AND RETURNED FOR SERVICE.

Winston Braun Jr. 3-30-2021
Signed 77TR565C WINSTON BRAUN JR. Date

1400120	6415.1	830.2	544.6	DRAINED OIL, REMOVED FILTERS, CUT OPEN &
				CHECKED FOR METAL, NONE FOUND. SERVICED
				WITH 12 QTS AEROSHELL W100 SAE J1899 SAE50
				& TEMPEST OIL FILTERS AA48128-2, & 1 PT
				CAMGUARD AVIATION, RAN ENGINE & CHECKED
				FOR LEAKS, NONE FOUND. <i>Paul Braun</i> PILOT/
				OWNER APO 2726097

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
23 JUN 21	6451.8	866.9	581.3	DRAINED OIL, REMOVED FILTERS, CUT FILTERS CHECKED FOR METAL, SERVICED WITH 12 QTS AEROSHELL W100 SAEJ1899 SAE50 & TEMPEST OIL FILTER AA48108-L, RAN ENGINE LEAK CHECK NONE FOUND. <i>Don B. H. owner/pilot</i> ATP 2726097
12 OCT 21	6470.1	885.2	599.6	DRAINED OIL, REMOVED, CUT OPEN & INSPECTED OIL FILTER, REMOVED & INSPECTED OIL SUMP SUCTION SCREEN, NOTHING FOUND ON EITHER FILTERS, SERVICED @ 9 QTS AEROSHELL W100 SAE50 & 1 PT CAM GUARD. NEW FILTER TEMPEST AA48108-4. RAN ENGINE NO LEAKS. <i>Don B. H. owner/pilot</i> ATP 2726097
11/1/2021	6472.0	887.1	601.5	REMOVE & REPLACE STARTER, SKY-TECH 149-24HT- SN: H-V00343. TEST OK. <i>Terry Subert</i> ATP 3560242. ALSO OK AD 2003-14-3 - NO LEAKS FOUND. <i>Terry Subert</i>
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

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<div style="border: 1px solid black; padding: 5px;"> <p>T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 907 26-March-2022 WO# 2111-0 FORM# TTA-015 AC TT 6484.9 HOBBS 613.8 N55BZ S/N 500B-1041-42 AERO COMMANDER 500B TSMOH 899.4</p> <p style="text-align: right;">Pg 1 / 1</p> </div>				
<p>**** ITEM # 2111-1 ANNUAL **** PERFORMED ANNUAL INSPECTION ON RH ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE. COMPRESSION CHECKED AS FOLLOWS: #1 76/80, #2 76/80, #3 78/80, #4 76/80, #5 76/80, #6 76/80. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE 3/22/2022. C/W AD 15-19-07 FUEL INJECTOR FUEL LINES AND CLAMPS IAW LYCOMING SB 342G, NO DISCREPANCY NOTED, NEXT DUE HOBBS 713.8. INSTALLED GAMJECTORS GAMI KIT GL10-6 S/N: 30689 IN ACCORDANCE WITH STC SE09445SC, OEM INSTALLATION PROCEDURES #IP-98-001 AND SUBMITTED FAA FORM 337. REMOVED, CLEANED, RE-GAPPED, TESTED AND REINSTALLED SPARKS PLUGS WITH NEW GASKETS. CHECKED MAGS TIMING. CHANGED OIL AND FILTER (AA18108-2, 10 QTS W100 AND 16 OZ CAMGUARD OIL SUPPLEMENT). PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE.</p> <p><i>Thomas Twiddy</i> 3-26-2022 Signed 7TTR565C THOMAS TWIDDY SR Date</p>				
<p style="text-align: center;">This Engine Is Equipped With</p> <p style="text-align: center;">GAMIjectors®</p> <p style="text-align: center;">Performance Fuel Injection</p> <p style="text-align: center;">NOTE: Fuel Injector Nozzle Location Is Specific To Each Cylinder. Refer To Individual Cylinder/Injector Identification When Removing/Installing Nozzles.</p> <p style="text-align: center;">General Aviation Modifications, Inc. 2800 Airport Rd. - Ada, OK 74820 - (580)436-4833</p>				
<div style="border: 1px solid black; padding: 5px;"> <p>T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 976 09-August-2022 WO# 2174-1 FORM# TTA-015 AC TT 6491.9 HOBBS 640.8 N55BZ S/N 500B-1041-42 AERO COMMANDER 500B TSMOH 926.4</p> <p style="text-align: right;">Pg 1 / 1</p> </div>				
<p>CHANGED OIL AND FILTER ON RH ENGINE (AA18108-2, 10 QTS W100 AND 16 OZ CAMGUARD OIL SUPPLEMENT) AND CLEANED OIL INLET SCREEN. PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE.</p> <p><i>Thomas Twiddy</i> 8-9-2022 Signed 7TTR565C THOMAS TWIDDY SR Date</p>				
<div style="border: 1px solid black; padding: 5px;"> <p>T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 1103 12-May-2023 WO# 2257-1 FORM# TTA-015 AC TT 6564.9 HOBBS 690.3 N55BZ S/N 500B-1041-42 AERO COMMANDER 500B TSMOH 975.9</p> <p style="text-align: right;">Pg 1 / 1</p> </div>				
<p>PERFORMED ANNUAL INSPECTION ON RH ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE. COMPRESSION CHECKED AS FOLLOWS: #1 76/80, #2 74/80, #3 76/80, #4 76/80, #5 76/80, #6 74/80. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE 5/11/2023. C/W AD 15-19-07 FUEL INJECTOR FUEL LINES AND CLAMPS IAW LYCOMING SB 342G, NO DISCREPANCY NOTED, NEXT DUE HOBBS 790.3. REMOVED AND REINSTALLED BOTH MAGS AFTER AERO ACCESSORIES CRS# XB2R288L PERFORMED 500 HOUR INSPECTION. CHECKED MAGS TIMING. REMOVED, CLEANED, RE-GAPPED, TESTED AND REINSTALLED SPARKS PLUGS WITH NEW GASKETS. CHANGED OIL AND FILTER (AA18108-2, 10 QTS W100 AND 16 OZ CAMGUARD OIL SUPPLEMENT). REPLACED AIR INDUCTION FILTER WITH BA151E. RETORQUED ROCKER COVER SCREWS. PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE.</p> <p><i>Thomas Twiddy</i> 5-12-2023 Signed 7TTR565C THOMAS TWIDDY SR Date</p>				
<p style="text-align: right;">TOTALS-Carry forward to next page</p>				

