

INSPECTION & MAINTENANCE RECORD

Lycoming O-540-L3C5D S/N L-21022-40A eng. OH. The following parts were installed:
 SL13377 M.O.H Gskt Set, SL11997 Crank Seal, 13908 Cam, 12-72877R Lifters, 2-SL13884SID F
 Prt. Mains, 6-SL15278SID Main Brgs., 12-SL13521SID Rod Brgs., CH48211 Cskt. 53EL960C
 Vernatherm, 55K21022 Spacer, 55C21021 Spring, 76539 Seat, LW10320 Sleeve, MS16625-1100
 Ring Ret., SL61297 Drive Impeller, LW61298 Drive Impeller, 2-LW15558 C/W Roller, 2-SL
 76788 C/W Roller, 4-73810 Crank Bushing, 8-SL71907 C/W Washers, 8-SL14820 Ret. Rings,
 SL76155 Tach Shaft, MS16625-1081 Ret. Ring, LW15473 Fuel Pump, 4-SL1102 1/8 Pipe Plug,
 6-73772 Nozzle Assy., SL10288 Oil Press Ball, SL68668 Oil Press Spring, AN565B1032H5
 Set Screw, STD1211 Plug Crank, 4-SL25-1.13 1/4-20x11/8 Bolts, 6-SID-14141/4-20x11/2 Bolt
 8-SID1204 1/4-20x15/16 Bolt, STD-1737 Ret. Ring, STD-95 1/8x1/2 Woodruff Key, 2-AN500-
 10-16 Screw 10-24 x11/8,, MS9068-009 Ring Oil Seal, 6-SL65819 Rod Bushing, 12-LW75061
 Rod Bolts, 12-SL12186 Rod Nuts, 6-SID-1821 Hose, 12-3606 Hose Clamps, 2-LW13641 Mag.
 Cushion, 6-SL69603 Int. Hose, 12-SID-1215 1/4-20x11/4 Bolts, 12-#28 Hose Clamps, 12-RHB
 37E Spark Plugs, CH48102 Oil Filter, 15-SID-1925 Screws, 2-73436 Push Rod, 10-SID-1411
 Nuts, AN8-14A Crank Bolt, 2-MS29512-10 Cring, 4-05K21231 Factory Cyl. LW15605LR Factory
 Cyl. Assy. SL1061414 Oil Cooler OH. LW19001 Ex Valve, 2-MS13997-3 Key, 2-MS13998-3 Cap,
 2-60009 Key, 75089 Piston, 2-SL74241 Comp Ring, 73857 Oil Ring, 4-60828 Pin Plug,
 6-SL13790 Rocker Shaft, 12-SL12892 Thrust Button, 2-LW14068 Piston Pin, 4-74637 Ex Bush
 ing, 4-60398 Int. Bushing, SL74230P05 Guide, MS20823-6D Elbow.
 Alt. ECH DOFF10300B, Bendix Mag OH D6LN-3000
 10-682560-11 S/N 8304207 Complied w/SB # MSA-1
 Marvel Schebler CH HA-5 10-5243 S/N DF-1-972
 Complied w/SB#599D. Extra part 13S19649 Crank Gear
 complied w/AD 9144.

This Aircraft, Engine, or Component, Identified
 Above Has Been Repaired and/or Inspected in Ac-
 cordance With Current Federal Aviation Administra-
 tion Regulations and Is Approved For Return To
 Service. PERTINENT DETAILS OF THE REPAIR
 ARE ON FILE AT THIS STATION UNDER WORK

ORDER NO. 7344

DATE 4-12-93

SIGNED [Signature]

LY-CON REBUILDING CO.

VISALIA, CALIF.

REPAIR STATION

CT3R435L

INSPECTION & MAINTENANCE RECORD

DATE	CPW	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-19-93	1723.1		COMPLETED INSTALLATION OF ENGINE THIS DATE FOLLOWING COMPLETE OVERHAUL. DETAILS ON PREVIOUS P. REPLACED ENGINE MOUNTS. ALL FUEL & OIL HOSES. VALVES & GASKETS AS REQUIRED. INSTALLED OVERHAULED PROP & GOW. TEST RUN ENGINE TESTED ALL CONTROLS & BAROMETER. NORMAL. L. Barwick of S.S. 444000000
6-20-93	1750		Changed oil and filter. Serviced with Aershell 100 W. C.R. Williams A.P. 1033568
8-16-93	1776.8		Changed oil and filter. Serviced with Aershell 1100 W. C.R. Williams A.P. 1033568

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
4-19-93	172.3 L	COMPLETED INSTALLATION OF ENGINE THIS DATE FOLLOWING COMPLETE OVERHAUL. DETAILS ON PREVIOUS PAGE. REPLACED ENGINE MOUNTS. ALL FUEL & OIL HOSES. VALVES & CRANKETS AS REQUIRED. INSTALLED OVERHAULED PROP & GOW. TEST RUN ENGINE TESTED ALL CONTROLS & PARAMETERS. NORMAL. L/Barichell of 554440926	10-9-93
6-20-93	1750	Changed oil and filter. Serviced with Aeroshell 100W. C/K Williams A&P 1033568	
8-16-93	1776.8	Changed oil and filter, serviced with Aeroshell 100W. C/K Williams A&P 1033568	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-9-93	TACH 1812	CHANGED OIL & FILTER/SERVICED WITH AEROSHELL 100 W ENGINE OIL. Thomas Reid Munn A&P 363700134
10-9-93	TACH 1812.3	TOTAL time 1812.3 TSMOH 88.7 SAME TIMES APPLY TO PROP. & GOVERNOR. CLEANED AND REGAPPED SPARK PLUGS, checked MAGNETO TIMING. Checked CYL. COMPRESSION #1- $\frac{68}{80}$ #2- $\frac{72}{80}$ #3- $\frac{76}{80}$ #4- $\frac{72}{80}$ #5- $\frac{76}{80}$ #6- $\frac{70}{80}$. Installed NEW EXHAUST GASKETS # 1-3-5 CYLS. REPAIRED LAFFLE LEFT FRONT. WASHED engine, RAN UP & LEAK CHECKED. REPAIRED CARB HEAT SHROUD.
I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition. HANFORD FLIGHT CENTER INC. Hanford, Mendocino Co. Airport Hanford, CA 93230 CR Williams TA 1033568		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
3/9/94	Tach 1863.5	Changed oil, serviced with 8qt.s Aero Shell 100 W. Inspected oil filter, Installed New filter, and leak checked, good. Wesley Scott Foster ATP 52494145	3-16-94
3-24-94	TACH 1875	Removed propeller, sent to Valley propeller FARCS HBE4R073M for leak repair, reinstalled, ran up and tested CR Williams ATP 1033567 TA	10/21/94
6/22/94	Tach 1920.3	Installed New Waste Gate IAW Cessna TR 182 Service manual, Installed New Waste Gate control cable, Inspected, cleaned and Lubed throttle control assembly. Adjusted gear warning horn switch. IAW Cessna Service TR 182 Service manual, op-checked good. Wesley Scott Foster ATP 52494145	

JOHN ANDRE HIXON D.B.A. VALLEY PROPELLER SERVICE
SERVICEABLE PARTS TAG

CUSTOMER LANFORD FLIGHT
W.O. NO. 17591 SER. NO. 790260
MODEL B2D34C217 PART MFG. McCanley
PART NAME Propeller QUANTITY 1
BLADE SER# N/A
REMARKS Propeller dome removed, sealed to
correct oil leak and assembled. No further
work performed.
INSPECTOR John Hix 3/21/94

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-16-94	1960.2	Changed oil and oil filter. Serviced with 100 w AeroShell oil. Cleaned, Regapped, and tested spark plugs. Lubricated engine controls. Checked timing. Checked compression. Cyl #1 $\frac{75}{80}$ #2 $\frac{75}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{76}{80}$ #6 $\frac{76}{80}$. David J. Willard ATP 535788283
10/21/94	Tach. 2010.7	Completed 100 hr. inspection. Removed cowling, Inspected for leaks and condition of engine and components, checked operation of engine controls and lubed the same, checked compression 1. $\frac{74}{80}$ 2. $\frac{75}{80}$ 3. $\frac{75}{80}$ 4. $\frac{76}{80}$ 5. $\frac{77}{80}$ 6. $\frac{77}{80}$. Changed oil and filter, Inspected oil filter, serviced with 8 qt. AeroShell 100 w oil, cleaned, regapped and tested spark plugs, checked mag timing, Inspected exhaust system, Installed new Intake gasket on #4 cylinder made Repair to carb heat shroud, Installed new carb heat ducting, Reinstalled cowling.
Service cleaned switch d.		I certify that this aircraft/engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition. Wesley Scott Jordan ATP 524941415

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
10-21-94	2010-7	TSMOH 198-4 Install 12 new RHB37E spark plugs and new Brackett air filter assy IACW STC SA 71 GL LIST #1. Further insp. IACW AD 84-26-02 no longer required Form 337 prepared.	02/10/95
		I certify that this aircraft/engine has been inspected in accordance	05/16/95
		HANFORD FLIGHT CENTER INC. Hanford Municipal Airport Hanford, CA: 93230	
		with a Annual inspection and was determined to be in an airworthy condition.	
		OK Williams IA 1033568	
			02 95

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
02/10/95	Tach 2060.0	changed oil and filter, Inspected oil filter, serviced with 8 qts AeroShell 100 w oil, Leak check good, Installed new Intake gasket on #4 cylinder, Serviced tires and Battery. Weezy Scott Jordan A2P 524941415
05/16/95	Tach 2109.3	changed oil and filter, Inspected oil filter, serviced with 8 qts AeroShell 100 w oil, checked compression 1. ⁷⁵ / ₈₀ 2. ⁷³ / ₈₀ 3. ⁷⁷ / ₈₀ 4. ⁷⁸ / ₈₀ 5. ⁷⁷ / ₈₀ 6. ⁷⁸ / ₈₀ , Checked Mag timing, cleaned, regaped and tested spark plugs, serviced battery and tires, Inspected engine condition and for leaks, Installed new bolt and nut on prop. gov. control rod end. Weezy Scott Jordan A2P 524941415
06 02 95		

CROWNAIR

MONTGOMERY FIELD

SAN DIEGO CA 92123

HERR LEONARD
3500 W. MINERAL KING
VISALIA

Reference W.O. #25332
N9334R

Cessna 182, S/N R18200692, HOBBS: 850.2

6/2/95

- Oil leaking from left side of cowling. Removed cowling and found #1 cylinder rocker drain tube chafed through. Temp. Repaired tubing and advised customer to replace soon.

The items identified above were repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order # 25332.

Tom Nelson
Authorized Signature
FAA Approved Repair Station #CWNR 273K

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
6-30-95	Hour meter 850.4 Tach 2163.8	Complete oil change. Install new oil Filter and service engine with 8 qts Amsoil 100 grade screw oil. Install new horizontal baffle Assy on engine cowling PU# 2255041-8. Make and install baffle stiffener on Forward engine cowling. Install new baffle seals as required. <i>SS Chen</i> ATP 549769863	11-10
8-31-95	Tach 2209.5	Complete oil change. Install new oil Filter and service engine with 8 qts Amsoil 100 grade 50W. Install new throttle control cable wash and test run engine. <i>SS Chen</i> ATP 549769863	
10-4-95	TACH 2233	Install new exhaust gaskets on Cylinder No# 1 3 and 5. <i>SS Chen</i> ATP 549769863	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-10-95	2247.7	Complete inspection this date Compression check cylinder #1 72/60 #2 72/60 #3 70/60 #4 72/60 #5 70/60 #6 74/60. Install new exhaust gaskets on cylinders #2, 4, 6. Remove then reinstall magneto after smoke inspection by Hy-Con Engine Builder WO#11437. Remove then reinstall Turbocharger after overhaul by Kelpak Industries WO#10671. Install new exhaust- heat deflector P/N 250113-4. Install rocker drain back tube on Cylinder #2. Install new induction air Filter. Service engine with new oil Filter and 8 quarts AeroShell 100/50w. Wash and test run engine.
		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>an Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.
		W. O. # _____ TSO. CHS No. <u>14 524.1</u> HRS.
		DATED <u>11-10-95</u> TOTAL TIME _____ HRS.
		INSP. <u>J. D. Chm</u> NO. <u>IA549768863</u>

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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ENGINE LYCOMING 0540-L3C5D S/N L-21022-40A

12-6-96 Tach 2407.5 TSMOH 683.9 Complete inspection this date. Compression check cylinder #1 72/80 #2 72/80 #3 78/80 #4 79/80 #5 74/80 #6 74/80. Service engine with new oil filter and 8 quarts of Acroshell 100/50W. Install new induction air filter. Install 12 new RHB37E spark plugs. C/W Textron Lycoming SB# 518A by install in new oil temp valve P/N 53E22144. Install new Exhaust muffler heat exchanger P/N K2254015-1. Reinstall right forward crossover exhaust pipe P/N 2254013-1 and exhaust risers P/N 2254005-3 / 225400-5 after repair by Knisley Exhaust Systems WO# 82739. Install four new fuel lines P/N 94F0100006X0150 / 94F0100006X0120 / 94F0100006X0190 / 94F0700006X120. Wash and test run engine. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

DDC IA 549768863

6-21-97 Tach 2462.1 Complete engine oil Change. Service Engine with 8 qts AeroShell 100/50W. Wash & test run engine. *DDC* AIP 549768863

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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ENGINE LYCOMING 0540-L3C5D S/N L-21022-40A

3-2-98 Tach 2496.4 TSMOH 772.8 Complete inspection this. Compression Check Cylinder #1 72/80 #2 72/80 #3 76/80 #4 74/80 #5 76/80 #6 76/80. Complete engine oil change service engine with new oil filter and eight quarts of Aeroshell 100/50W. Oil sample taken for analysis. Install new induction air filter. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

John Chen 7A549762863

44

DATE

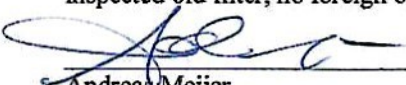
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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
DATE: 8-7-00 N: 9334R		ENGINE: O-540-L3C5D S/N: L-21022-40A TACH: 2604.7 TSMOH: 880.5 Complete 100 hour inspection this date in accordance with FAR 43 appendix D and checklist. Inspected induction, exhaust, fuel, and lubrication systems for security and leaks. Inspected engine controls for travel and freedom of movement. Cylinder compressions all above 70/80. Drained oil and serviced with Aeroshell 100 50W oil. Old oil filter revealed no major contaminants. Replaced turbo oil line gaskets. Tightened all valve covers. Cleaned and rotated spark plugs, 1 replaced with new. Repaired wire to gear warning switch. Repaired right muffler heat exchanger cover by patching. Blended nicks on leading edges of propeller blades, painted faces and checked track. I certify that this engine/propeller have been inspected in accordance with a 100 HOUR INSPECTION and were determined to be in airworthy condition. Loni Bangert A&P 524395515 	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		N9334R 2 Genes Aviation, May 17, 2001, W.O. #7942 0.0 Tach Time Change oil and filter. Serviced with 8 quarts of 100W Aeroshell oil. Cut and inspected old filter, no foreign objects found. Checked, cleaned and gaped sparkplugs.  AP 2531976

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

2 Genes Aviation Inc.

September 7 2001, N9334R, Work Order # 8166

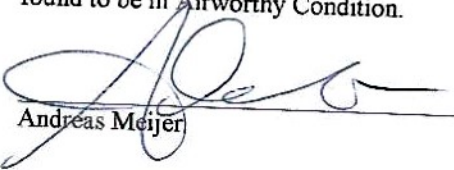
Tach Time: 87.03 Total Time Airframe: 27705

1046.3 SMOH

Perform 100-hour inspection on engine in accordance with Lycoming maintenance manual. Changed oil and filter, serviced with 100W Aeroshell oil. Checked, cleaned and gaped spark plugs. Checked magneto timing. Checked all hoses belts lines and fittings. Checked exhaust and related piping. Compression test: #1-76/80, #2-78/80, #3-78/80, #4-78/80, #5-76/80, #6-79/80

EGT probe broken replaced with new. Replaced broken clamp above EGT probe with new. Replaced lower turbo oil line gasket due to leak. Removed leaking #6 oil drain back line, resealed and reinstalled line. Replaced corroded mounting brackets for waste gate controller with new Cessna parts. Replaced leaking dipstick tube gasket with new. Replaced leaking #1, #5 cylinder valve cover gaskets. Replaced leaking prop o-ring and crankshaft seal with new. Replaced leaking #1, #3, #5 and #6 exhaust gaskets. Readjusted and tightened alternator capacitor bracket.

I certify this engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition.


Andreas Meijer

A&P 2531976 IA

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

2 Genes Aviation Inc.

October 15, 2002, N9334R, Work Order # 8465

Tach Time: 163.79 Total Time Airframe: 2847.76

1123.06 SMOH

Perform 100-hour inspection on engine in accordance with Lycoming maintenance manual. Changed oil and filter, serviced with 15W50 Aeroshell oil. Replaced 12 worn Sparkplugs with new. Checked magneto timing. Checked all hoses belts lines and fittings. Checked exhaust and related piping. Compression test: #1-69/80, #2-62/80, #3-70/80, #4-72/80, #5-76/80, #6-70/80. Low compression on number 2 cylinder, removed sent out for overhaul and reinstalled. See yellow tag.

I certify this engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition.

Richard C. Mills A&P 484341115 IA
Richard C. Mills

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		2 Genes Aviation Inc. November 17, 2003, N9334R, Work Order # 8842 Tach Time: 204.9 Total Time Airframe: 2893.37 1164.17 SMOH Perform 100-hour inspection on engine in accordance with Lycoming maintenance manual. Changed oil and filter, serviced with 15W50 Aeroshell oil. Cleaned, gapped and tested Sparkplugs. Checked magneto timing. Checked all hoses belts lines and fittings. Replaced SCAT tubing. Checked exhaust and related piping. Compression test: #1-69/80, #2-76/80, #3-70/80, #4-71/80, #5-73/80, #6-70/80. I certify this engine has been inspected in accordance with an <u>Annual</u> Inspection and found to be in Airworthy Condition. <u>Richard C. Mills</u> A&P 484341115 1A Richard C. Mills

INSPECTION & MAINTENANCE RECORD

2 Genes Aviation, Inc.

July 6, 2005, Work Order#9176

182RG, N9334R

145.0 Tach Time 1104.27 smth.

Performed Annual Inspection on engine in accordance with FAA regulations. Changed oil and filter and serviced with 15w50 Aeroshell oil. Checked, cleaned and gapped spark plugs. Checked magneto timing. Checked all hoses, belts, lines and fittings. Checked exhaust and related piping. Compression test: #1 66/80, #2 72/80, #3 75/80, #4 74/80, #5 75/80, #6 75/80. I certify this engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition.

Andreas P. Meijer

A&P 2531976 IA

Victory Aero 2502 John Montgomery Dr. San Jose, CA - 408-729-7635

Registration # N9334R Engine Serial # L-21022-40A Date: 6/20/2007
Tach Time: 210 Hobbs: 850.4 Eng Model # Lyc 0-540-L3C5D

- Drained oil and serviced engine with 8 quarts of Aeroshell 100W and new Champion oil filter.
 - Checked and set timing
 - Compression test #1 75/80 #2 63/80 #3 74/80 #4 78/80 #5 74/80 #6 73/80
 - Cleaned, gapped and rotated sparkplugs
 - All ADs complied with through 2007-14
 - Aircraft ground run satisfactory
- I certify I have inspected this aircraft in accordance with Annual Inspection and Approve it for return to service.

Alfons F. Cermak A&P1798301A

BENDIX 500 Hr. PARTS LIST

Customer: DANA THORNTON

SO# 2301 Magneto Model D6LN-3000 S/N 8304207
10-682560-11

Airworthiness Directive No.	Service Bulletin	Subject	Effectuated Product	Method of Compliance	Mechanic
	587	Inspection of D-2000 Capacitor	D-2000	DNA	C.O.
78-18-04	590A	Rotating Magnet to Housing Clearance	D-2000	DNA	C.O.
	600	Rear Bearing Inspection difficulty	D-2000	DNA	C.O.
80-17-14	605A	Inspection for Housing Distortion	D-2000	DNA	C.O.
79-12-07	606	Green Distributor Blocks	D-2000	DNA	C.O.
82-11-05	617B	Inspection or Replacement of Dist. Gear	D-2000	DNA	C.O.
81-12-06 R1	618	Inspection or Replacement of Dist. Gear	D-3000	READ	C.O.
81-12-06 R1	619	Inspection or Replacement of Dist. Gear	D-3000	INSTALLED NEW 10-68296	C.O.
82-20-01	623A	Inspection of Impulse Coupling Flyweights Having less than 300 Hrs. TIS.	ALL	DNA BY PN	C.O.
	631	Recom. Lubrication for Tapered Drive	ALL	LUBED	C.O.
	638	Assembly Procedure for Impulse Coupling Springs Part No. 10-400042	✓ D-2000 D-3000	INSTALLED PER INSTRUCTIONS	C.O.
	639	Proper Installation Procedures of Impulse Couplings	ALL	INSTALLED PER INSTRUCTIONS	C.O.
	SIL642	Manufacturing Serial No. Interpretation	ALL	READ	
	SB643	Maintenance Intervals for TCM / Bendix Magnets and Related Equipment	ALL		
* 96-12-07	MSB645	Insp. of Impulse Coupling and Stop Pins	ALL	SUPERSEDED TO 05-12-06	
	SB651	Capacitor information & Installation	✓ D-2000 D-3000	READ	TO BE CHECKED @ INSTALLATION
	SB652	Impulse Coupling Configuration and Maintenance	D-2000	DNA	
	SIL655	Improved Ball Bearings, PN 10-400605, for Pressurized Magnets	S-1200 D-2000 ✓ D-3000	DNA TO 10-400567	C.O.
	SB658	Distributor Gear Maintenance	ALL	READ	C.O.
LYCOMING	SB526	Replace Impulse Spring Every 4 Years	✓ D-2000 D-3000	INSTALLED NEW SPRING	C.O.

* 05-12-06 MSB645 - INSPECTED FLYWEIGHT TO AXEL CLEARANCES AS MEASURED .002" / .002" C.O.
 SNAP RING STYLE IMPULSE CAM ASSY.

INSPECTION & MAIN

DATE	TOTAL TIME	INSPE	AGENCY
3/19/09	TAC 850.45		
		Change Engine oil & filter with 8qt. AGRO shell 100W. cut open oil filter NO particles found.	
		C. Kelly AEP 3041712	
8-28-09	TACH 276.50		
		INSTALLED OVERHAULED MAGNETO (SEE YELLOW TAG). TIMED TO 23° BTC. RUN UP, GPS CHECK GOOD. Chance M. McKinnal AEP 569948254	
11-1-09	TACH 200.3		
		drained oil, checked compression ① 72 ② 74 ③ 72 ④ 74 ⑤ 72 ⑥ 74 changed rocker added 8 pins shell 100W; ROR carb. - repaired by LV COU, insert 4 new oil hoses (see sky ranch) checked mass & timing, cleaned spark plugs, insert 1 new clamp at water gate completed inspection per check 2 h. priority that this engine has been inspected.	
		In accordance with annual inspection and was determined to be in airworthy condition.	
		Date 11-09 Tach 200.3 Tach 1236.5 511064	
		Signed I.A. [Signature] AEP 1880340	

Maintenance Release DANA THORNTON

The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs under Work Order # 2301 are herein attached
Dated 11 AUGUST 2009
Inspected by C. Kelly
Cert. # A/P 1862854

SERVICEABLE (A)

Name BENDIX (TCM)
Unit DUAL MAGNETO D6LN-3000
Part # 10-682560-11 Ser. # 8304207
Aircraft _____ ID # _____
Disposition RETURN TO SERVICE
Reason For Removal SOHR INSPECTION
Removed By _____ Date _____
AD or Service SEE REVERSE SIDE OF
Bulletins TAG 1 ATTACHED SHEET
Work SOHR INSPECTION IAW
Performed TCM FORM #
FAA Certificate No. X42003-1

AIRCRAFT MAGNETO SERVICE

BOEING FIELD
SEATTLE, WA 98103
(206) 768-3099

TS

CHECKED OR COMPLIED WITH THE FOLLOWING
AIRWORTHINESS DIRECTIVES AND THE REFERENCED
SERVICE BULLETINS

BENDIX/TCM 20/200/1200
D-3000
METHOD OF COMPLIANCE

Airworthiness Directive/ Service Bulletin	Rev	Inspect	Repair	D N A	Repeat
74-26-09 Drive Bushing				✓	P/N
82-13-01 Green Dist. Block				✓	P/N
82-20-01 Soft Flywts.		SNMP RING CAM		✓	P/N
94-01-03 Ignition Coil & Magnet		CORRECT COILS & MAGNETS		✓	P/N
94-06-09 Capacitor 10-349276				✓	P/N
05-12-06 Impulse Coupling Inspection		FLYWEIGHT TO AXIAL CLEARANCE .002 IN. .002 IN.			NEXT DUE 500 HRS T.I.S.
SB643B		✓			
SB653		✓			
SB658		✓			
SB663A				✓	P/N
CSB 665A 10-400615				✓	P/N

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-28	1271	change oil AmShell W100 SAE 50 oil filter Champion CH 48103-1 Robert J. ZARADA 3112892
09-10	Tach 310.0 Add to 959.27 Total time 1269.27	Removed starter per MTR-4016 no SW noted Installed overhauled starter MTR-4016 SW KOL536 overhauled by Kelly Aero Space Energy Systems AS# UT2R226L WO# M490230 Dated 6-25-10. All work done IAW Model R182-LTR182 Service manual # D2069-373 Dated 15-6-84 Rev-S CH 11-37, ops ✓ good.

Larry Mick
ASD 2589371 *[Signature]*

AD NOTES COMPLIANCE RECORD

Engine - Textron Lycoming - O-540-L3C5D	L-21022-40A
Propeller - McCauley - B2D34C217	790260
Airframe - Cessna - TR182	R18200692
Appliance - Governors - McCauley	784836
Appliance - Magnetos - TCM (formerly Bendix) D-3000 series	
Appliance - Carburetors - HA-6 10-5243	DF-1-972
Appliance - Oil Cooler - Stewart Warner 10164A	320

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
73-23-01 R4	Piston pin failures		n/a	X			
75-08-09 R3	Oil pump		n/a	X			
75-12-07	McCauley governors		N/A PER M/N	X			
76-07-12 R1	Bendix switches	145 tach	by inspection and test		X	245 tach	Andreas Meijer 2531976
77-13-16	Marvel Schebler carburetors		n/a per p/n	X			
78-09-07 R3	Bendix magnetos		Superseded by AD96-12-07		X		
79-08-06	Marvel Schebler carburetors		n/a per s/n	X			
80-25-07 R1	Stewart Warner oil coolers		n/a per s/n	X			
81-12-06 R1	Bendix magnetos		n/a per s/n	X			
81-18-04 R2	Oil pump		superseded by AD96-09-10	X			
82-20-01	Bendix magnetos	4-7-86	p/c/w	X			
82-27-02 R1	Propeller blade shank failure		n/a per hub serial number	X			
83-17-06	Aileron balance weights		no Robertson kit installed	X			
83-22-06	Aileron hinge pin	4/7/86 925 Tach	p/c/w	X			
87-10-06 R1	Rocker arm assemblies		n/a per s/n	X			
87-20-03 R2	Seat tracks <i>Superseded by AD2011-10-09</i>	145 tach	By Inspection		X	245 tach	Andreas Meijer 2531976
91-14-22	Crankshaft gear retaining bolt		Superseded by 2004-10-14	X			
91-15-04	Possible blade separation		n/a per m/n	X			
93-05-21	AC, Textron, Rajay fuel pumps		Superseded by 93-11-11	X			
93-11-11	AC, Textron, Rajay fuel pumps		n/a per ovh date of pump	X			
94-25-04	Prevent the interruption of fuel flow to the engine		n/a per p/n	X			
95-07-01	Connecting rod bolts		n/a per engine ovh date	X			
96-09-10	Oil Pumps		n/a to p/n "5D"	X			

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
96-12-07	Prevent magneto failure and subsequent engine failure	2247 TT 11/10/95	p/c/w by inspection	X			
96-23-03	High pressure fuel pumps		n/a per installation date	X			
97-01-13	Fuel, oil, or hydraulic hose		n/a new hoses does not apply with p/n	X			
98-16-04	Angle stiffener		n/a no wing extensions installed	X			
2000-06-01	Prevent foreign material from entering the fuel system	10/15/2002	P/C/W	X			
2002-12-07	Prevent complete loss of engine oil		N/a per ovh date		X		
PL2002-20-51	Prevent loss of all engine power and possible forced landing		Superseded by 2002-23-06	X			
2002-23-06	CORRECTION - Prevent loss of all engine power and possible forced landing		n/a per ovh date and ovh WO	X			
2004-05-24	Prevent loss of all engine power and possible forced landing		Due at sudden stoppage or teardown/overhaul	X			
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt	07/06/05	n/a to m/n or s/n	X			Andreas Meijer 2531976
2004-19-01	CORRECTION - Prevent slippage of the pilot/co-pilot shoulder harness	07/06/05	n/a to m/n	X			Andreas Meijer 2531976
PL2000-18-53	Loss of engine oil and subsequent seizing of the engine and possible fire		n/a per ovh date		X		

2005-19-11 crankshaft NA by O/A date & m/n
 2006-12-07 cylinders NA - no ECI cyls
 2006-20-09 crankshaft NA by O/A & m/n date
 2009-26-12 cylinders NA - no ECI cylinders
 2012-03-07 carb NA - no installed
 2006-24-07 NA - no prop suc by OK forcl.
 2005-14-11 NA - no prop suc by SO. Cal.
 2003-13-17 NA - no prop suc by T & W
 21-15-04
 82-27-02Rt

2012-19-01 NA affected crankshaft not inst.

Airframe

AD 2008-26-10 NA - affected valve not installed.
 AD 2008-10-02 NA - " " " "
 2006-03-08 NA - affected ADV 200 pump not installed
 2011-10-09 Supersedes 87-20-03R2. Due each Annual. See log entries.
 2005-01-19 NA - Garmin X-pander not inst.
 98-21-21R1 NA - No inflatable door seal.
 85-23-07 NA - affected flight computer not installed.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE
1/11/11		Cylinder differential pressure test #1 78/80, #2 77/80, #3 78/80, #4 78/80, #5 77/80, #6 78/80. AD 2010-07-08	July 11
Tach	313.02		
TSOH	1372.29	checked and found N/A by turbo O/H date (1995). AD 2009-26-12 NA - no ECI Titan cylinders - AD 2006-20-09 NA by mfg + O/H dates. AD 2006-12-07 NA - no ECI cylinders. AD 2005-19-11 NA by mfg & O/H date. All other ADs in compliance - see AD listing in Aircraft Records. Magneto AD 2005-12-06 due at Tach 776.5. Drained oil + refilled w/Shell W100. Install new oil filter CM48103-1. Opened and inspected old filter element - no contaminants. Checked & gapped spark plugs, mag timing checks good. Installed new Brackett air filter element. Checked fuel screen in carburetor and checked oil screen. This engine has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy Condition - 76176 ADP465190830 IA	
			1/11/12
			Tach
			TSOH

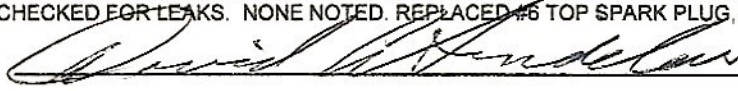
INSPECTION & MAINTENANCE RECORD

	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
# 77/ 2, 700 10-07-08 1995)	2/24/11	350	Change oil Aero Shell W160 S&H 5C oil Filter Champion SH 4810 3-1 R/Keele
vs 2006-12-07	1/16/12		Checked AD 2011-13-23 and found NA
by	Tach	363.31	by turbo O/H date. Cylinder differential
ance -	TSOH	1322.58	pressure test #1 74/80, #2 73/80, #3 73/80; #4 64/80, #5 77/80, #6 72/80. Oil and filter to be changed by owner. Last oil filter opened - no contaminants noted in element. Cleaned, regapped, and rotated spark plugs. Checked magneto timing. Checked fuel screens. This engine has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy Condition
guaranteed revised 1 in. 40 not old + gavel + checked accordance not to be 301A			Engine Number A-174651908301A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	DATE	
12/12/12	403	Changel oil and shell W100 - 3EA50 oil filter Champion CL 48103-1	4/7/14	
3/19/13		AD 2012-19-01 checked and found NA by Tech 415.56 O/H done. Original crankshaft installed. TSOH 1374.83 AD 2012-03-07 checked and found NA - HA-6 carburetor w/ affected PN's not installed. Cylinder differential pressure test #1, 74/80; #2, 73/80 #3, 75/80; #4, 74/80; #5, 74/80; #6, 75/80. Oil and filter Oil filter opened changed by owner. Mag timing checked good. and element checked. Cleaned and gapped spark plugs. Engine no metal noted run good. This engine has been inspected in accordance with our Annual Inspection and has been determined to be in Airworthy Condition. — Tech Tech ATP 465190830 IA		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/17/14		Cylinder Differential pressure test -
Tach	422.5	#1 74/80, #2 73/80, #3 75/80, #4 75/80, #6 75/80
SSH	1388.77	Oil and filter not changed at this time.
HA-6		checked spark plugs, heat exchangers, fuel screens, bottles, harness. Everything good. This engine has been inspected in accordance with our Annual Inspection and has been determined to be in Airworthy Condition.
		Test Run - A&P 465190830 IA
		SINDELAR AVIATION PO BOX 814 PORTLAND, TN 37148 270 647-1935
	AUGUST 7, 2014	TACH 435
		REPLACED CYL. NO. 6 ROCKER BOX GASKET, 75906. TIGHTENED CYL. 2, 4 & 6 ROCKER BOX DRAIN HOSE CLAMPS. REPLACED CYL. 4 & CYL. 6 INTAKE GASKETS, 71973. REPLACED CABIN HEAT DUCT, SCAT 10. WASHED LEFT SIDE OF ENGINE. GROUND RUN & CHECKED FOR LEAKS. NONE NOTED. REPLACED #6 TOP SPARK PLUG, URHM32E.
		
		DAVID C. SINDELAR A&P 2120569

ENGINE MODEL
O-540-L3C5D
ENGINE S/N L-21022-40A
REG. NO. 8334R
WORK ORDER
5833-09-2014



Top Gun Aviation, Inc.

6100 S. Lindbergh St.
Stockton, CA 95206 USA
Phone: 209-983-8082

DATE: 10/6/2014
A/C TSN: 3780 84
ENG TT: 3080 84
TSMOH: 1485 2
TACH: 453 14

DATE

DATE

Engine Entries

(3) Adjusted idle mixture, and speed.... (4) Cleaned, gapped, and rotated the spark plugs. Cleaned out cylinder spark plug threads. Replaced Number 5 bottom spark plug with RHB32S U/S.... (5) Replaced the ignition lead springs at the spark plug end of cylinders 2 and 4.... (6) Adjusted the magneto internal timing and reinstalled on eng and timed to engine.... (11) Replaced the #3 induction tube gasket.... (13) Installed new gaskets on all valve covers.... (15) Installed lockwasher on forward baffle clip bolt, and safetied the oil drain valve.... (20) Removed oil filler tube gasket, cleaned flange and installed new oil filler tube gasket

I certify that this ENGINE is airworthy with respect to the work performed

DATE: 10/6/2014

SIGNED

Mark T. Rouch, License: 560531421 IA

Work Order: 5833-09-2014

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ENGINE MODEL
O-540-L3C5D
ENGINE S/N L-21022-40A
REG. NO. N8334R
WORK ORDER: 8576

Wolfe Aviation

P.O. Box 31592
Stockton, CA 95213
Phone: (209) 983-0117

DATE: 7/9/2015
A/C TSN: 3145 29
ENG TT:
TSMOH: 1421 69
TACH: 461 82

Engine Entries

Changed oil, Aeroshell W100 8 qts, and analysis taken. Compression check taken. Oil filter inspected and contents found satisfactory. Suction screen inspected and reinstalled. Installed new CH48103-1 filter. Installed customer-furnished Champion RHB-32S spark plugs. Ground run, leak checked. For AD status see AD compliance record. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

DATE: 7/9/2015

SIGNED

Peter V. Wolfe, A&P: 1471432 IA

Work Order: 8576

Printed by EBis 3 (datamedia.com)

ENGINE M
O-540-L3C
ENGINE S/
REG. NO:
WORK OR

Engine

Changed o
CH48103-
with an an

DATE: 8/

Annual/
filter CH
#3=77/8
Check m
controls.
during a
this date
I certify
determin

ENGINE MODEL:
O-540-L3C5D
ENGINE S/N: L-21022-40A
REG. NO: N9334R
WORK ORDER: 8694

Wolfe Aviation
P.O. Box 31592
Stockton, CA 95213
Phone: (209) 983-0117

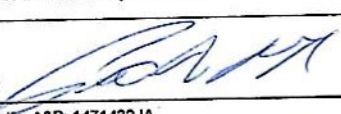
DATE: 8/12/2016
A/C TSN: 3157.87
ENG TT: 12.58
TSMOH: 1434.27
TACH: 474.4

DATE

Engine Entries

Changed oil, Aeroshell W100 8 qts, and analysis taken. Compression check taken. Oil filter inspected and contents found satisfactory. Installed CH48103-1 new filter. Ground run, leak checked. For AD status see AD compliance record. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

DATE: 8/12/2016

SIGNED: 

Peter V. Wolfe, A&P: 1471432 IA

Work Order: 8694

Printed by EBis 3 (datamedia.com)

Quality Aero Maintenance
23987 N. Highway 99/P.O. Box 208
Acampo, CA PH (209) 366-1040

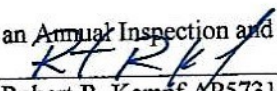
ENGINE

N9334R Date: 9/12/17 Tach: 490.0 TTAF: 3173.4

TT Engine: 3173.4 SMOH: 1523.1 DOH: 4/12/93

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Install filter CH48103-1 and service with 8 quarts of Aeroshell W100. Compression test: #1=76/80, #2=70/80, #3=77/80, #4=78/80, #5=74/80, #6=76/80. Borescope cylinders. Clean, gap, and rotate spark plugs. Check magneto timing. Clean fuel inlet screen and drain carburetor bowl. Wash down engine and lube controls. Run up and check for leaks, none noted. AD 2017-16-11 N/A by connection rods not changed during affected time period. AD list updated through ATP content revision 09/10/2017, none apply this date.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.


Robert R. Kempf AP573173800IA

INSPECTION & MAINTENANCE RECORD

DATE

Quality Aero Maintenance
23987 N. Highway 99/P.O. Box 208
Acampo, CA PH (209) 366-1040

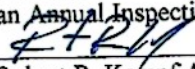
ENGINE

N9334R Date: 10/11/18 Tach: 515.6 TTAF: 3199.0

TT Engine: 3199.0 SMOH: 1548.7 DOH: 4/12/93

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Send in oil sample for analysis. Install filter CH48103-1 and service with 8 quarts of Aeroshell W100. Compression test: #1=74/80, #2=74/80, #3=72/80, #4=77/80, #5=75/80, #6=74/80. Borescope cylinders. Clean, gap, and rotate spark plugs. Check magneto timing. Clean fuel inlet screen and drain carburetor bowl. Wash down engine and lube controls. Run up and check for leaks, none noted. AD list updated through ATP content revision 10/11/2018, none apply this date.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.


Robert R. Kempf AP573173800IA

DATE

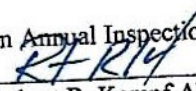
Quality Aero Maintenance
23987 N. Highway 99/P.O. Box 208
Acampo, CA PH (209) 366-1040

ENGINE

N9334R Date: 12/3/19 Tach: 528.5 TTAF: 3211.9
TT Engine: 3211.9 SMOH: 1561.6 DOH: 4/12/93

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Install filter CH48103-1 and service with 8 quarts of Aeroshell W100. Compression test: #1=66/80, #2=69/80, #3=64/80, #4=71/80, #5=68/80, #6=67/80. Borescope cylinders. Clean, gap, and rotate spark plugs. Check magneto timing. Install overhauled carburetor HA-6, P/N 10-6001, S/N MS064402, from Marvel-Schebler Aircraft Carburetors, LLC, CRS #V24R156B, W/O #0644, dated 15/May/2019. Rig carburetor controls. Wash down engine and lube controls. Run up and check for leaks, none noted, carburetor operation normal. AD list updated through ATP content revision 12/1/2019, none apply this date.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.


Robert R. Kempf AP5731738001A

INSPECTION & MAINTENANCE RECORD

DATE

DATE

Quality Aero Maintenance
23987 N. Highway 99/P.O. Box 208
Acampo, CA PH (209) 366-1040

ENGINE

N9334R Date: 1/12/2021 Tach: 552.6 TTAF: 3236.0
TT Engine: 3236.0 SMOH: 1585.7 DOH: 4/12/93

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Install filter CH48103-1 and service with 8 quarts of Aeroshell W100. Compression test: #1=75/80, #2=65/80, #3=76/80, #4=78/80, #5=73/80, #6=76/80. Borescope cylinders. Clean, gap, and rotate spark plugs. Check magneto timing. Clean fuel inlet screen and drain carburetor bowl. Wash down engine and lube controls. Run up and check for leaks, none noted. AD list updated through ATP content revision 01/04/2021, none apply this date.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

Robert R. Kempf
Robert R. Kempf AP5731738001A

Quality Aero Maintenance
23987 N. Highway 99/P.O. Box
Acampo, CA 95220 PH. (209) 366-1040

ENGINE

N9334R Date: 2/1/22 Tach: 566.8 TTAF: 3250.2
TT Engine: 3250.2 SMOH: 1599.9

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Install filter AA48103-2 and service with 8 quarts of Aeroshell W100. Compression test: #1=77/80, #2=72/80, #3=75/80, #4=74/80, #5=75/80, #6=78/80. TCM SB03-3 master orifice=46/80. Borescope cylinders. Clean and gap top spark plugs. Install new spark plugs RHB37E at lower position. Check magneto timing. Clean fuel screen and drain carburetor bowl. Wash down engine and lube controls. Run up and check for oil leaks, none noted. AD list updated through ATP content revision 1/20/2022, none apply this date.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

Robert R. Kempf
Robert R. Kempf AP5731738001A

INSPECTION & MAINTENANCE RECORD

DATE

Quality Aero Maintenance
23987 N. Highway 99/P.O. Box 208
Acampo, CA PH (209) 366-1040

ENGINE

N9334R Date: 3/16/23 Tach: 577.3 TTAF: 3260.7
TT Engine: 3260.7 SMOH: 1610.4

Annual/100 Hour Inspection and service. Change oil and filter. Cut open and inspect old filter. Install filter CH48103-1 and service with 8 quarts of Aeroshell W100 Plus. Compression test: #1=74/80, #2=71/80, #3=72/80, #4=70/80, #5=72/80, #6=75/80. Borescope cylinders. Clean, gap, and rotate spark plugs. Check magneto timing. Clean fuel inlet screen and drain carburetor bowl. Wash down engine and lube controls. Run up and check for leaks, none noted. AD list updated through ATP content revision 3/8/2023, none apply this date.
I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

Robert R. Kempf
Robert R. Kempf AP573173800IA