

N6244P

ENGINE LOG
EF5-1

ENGINE DESCRIPTION

MANUFACTURER Lycoming Aero Corp MODEL O-540-A1A5

SERIAL NUMBER L-805-40 DATE OF MANUFACTURE 1959

RATED BHP 250 RPM 2575 MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE Propeller Hartzell HC82VK-1D

REGISTERED OWNER S/N 957-G

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

New Tac @ 2900.26 8/23/79 New Tac "0.00"

INSTALLATION RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>Repaired butterfly shaft bearing plate; Overhauled #3 cylinder by installing serviceable chrome cylinder issued by El Reno (see maintenance release); Installed new piston 71594; New set of rings; and gasket set; Cleaned, regapped, and tested spark plugs; Overhauled Marvel Schebler carburetor MA4-5 by El Reno (see maintenance release); Also sent carb to Marvel Schebler for flow test; tested ok; Starter drive replaced and commutator turned; Changed oil using Hats Phillips X-L 20-50. Recharged battery; Removed metal from ad screen and resprayed;</p>

DATE

P.O. Box 760 — 1004 S. Country Club Road
El Reno, Oklahoma 73036

EL RENO AVIATION, INC.

Phone (405) 262-2387

RECORD BY Mark Lyle
INSPECTED BY Glen E. Ramsey
LICENSE NO. 541346
DATE May 6, 1981

No. E-7879
The component identified above was repaired
and inspected in accordance with current Fed-
eral Aviation Regulations and was found air-
worthy for return to service. Pertinent details
are on file under work order.

MAKE Lycoming
MODEL O-540-
UNIT NAME Cylinder
PART NO. 73134 (Chrome)
SERIAL NO. _____

MAINTENANCE
RELEASE

COMPRESSION CHECK								
1	2	3	4	5	6	7	8	9
76	75	80	77	79	78	X	X	X
80	80	80	80	80	80	80	80	80

overhauled

DATE 6-19 1981 TT 132.0 HRS.
I CERTIFY THAT THIS Engine HAS
BEEN INSPECTED IN ACCORDANCE WITH A
Manual INSPECTION AND WAS DETERMINED
TO BE IN AN AIRWORTHY CONDITION.

Randall J. Bolton
A&P 480-72-73/6-1A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-11-81		REPLACE WOODRUFF KEY ON STARTER BENDIX DRIVE GEAR SHAFT. REPLACED A/B OIL COOL LINE SEAL THIS DATE 11-11-81. March/Steve A&P 1938137 IA Replaced cabin heat hose Cleaned, regreased, tested spark plugs Recharged Battery Replaced right Exhaust Stack Installed one new exhaust gasket Retuned both magnetos Changed oil using 9 qts of Phillips X-C and 1 qt of slick 50 Inspection of exhaust system

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

COMPRESSION CHECK

1	2	3	4	5	6	7	8	9
78	78	80	78	80	78	X	X	X
80	80	80	80	80	80	80	80	80

DATE 7-8 19 82 TT 181.0 NPS

CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH A
General INSPECTION AND WAS DETERMINED
 TO BE IN AN AIRWORTHY CONDITION.

Randy J. Sautter
 A&P 480-727376

SERVICEABLE

WINISLEY WELDING SERVICE
 FAA CERTIFICATED
 REPAIR STATION #412-15
 11267-G Coloma Road
 Rancho Cordova, CA 95670

MFG. NAME Yankee

COMPONENT NAME 5944 PA

MODEL 24-250

SERIAL 24543-00

The aircraft component identified
 above was repaired and inspected
 in accordance with current regula-
 tions of the Federal Aviation Agency
 and is approved for return to service.
 Pertinent details of the repair are on
 file at this repair station under work

order No. 5143

Date 7-2-72

Signed Randy J. Sautter for
 (Authorized Individual)

SERVICABLE
 AIRCRAFT NAME PH
 COMPONENT NAME SPARK PLUG
 MODEL 24-250
 SERIAL 24543-00
 The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No. 8143
 Date 7-2-82
 Signed gibson for
 (Authorized Individual)

KINISLEY WELDING SERVICE
 FAA CERTIFICATED
 REPAIR STATION #412-15
 11287-G Coloma Road
 Rancho Cordova, CA 95670

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-16-52	215.0	<p>Make adjustment to voltage regulator installed new oil cooler hoses secured by Vickers Design Division - The change first rigid lines was done equalizing or installing a better installation Test run-up made OK</p> <p style="text-align: right;">Rudolph Chelton AIP 480-72-7376 IA</p>

DATE _____ TOTAL TIME _____ INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. _____

Installed 18" & 1" aeroduct
Made extensive repairs to baffling
Cleaned, regapped, tested spark plugs
Obtained oil analysis
Recharged starting battery
Removed, inspected, cleaned tail screen
Installed fuel screen in fuel strainer
Changed oil using 10 qts X-C

task 248.0

COMPRESSION CHECK								
1	2	3	4	5	6	7	8	9
74	77	79	76	74	75	X	X	X
80	80	80	80	80	80	80	80	80

DATE 7-22 19 83 TT 3168.0 HRS _____
I CERTIFY THAT THIS Eugene HAS
General BEEN INSPECTED IN ACCORDANCE WITH A
INSPECTION AND WAS DETERMINED
TO BE IN AN AIRWORTHY CONDITION.
Randall J. Norton
A&P 480-72-7376

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Repaired left front baffling Reassembled muffler around Smith large clamp Cleaned, regreased, tested spark plugs Replaced 2 3R88 plugs Removed, inspected, cleaned, reassembled oil screen Installed new missing exhaust nut Installed fuel streamer screen Changed oil using 10 qts X-C

COMPRESSION CHECK								
1	2	3	4	5	6	7	8	9
71	78	19	80	77	71	X	X	X
80	80	80	80	80	80	80	80	80

DATE 7-29 19 84 TT 307.0 HRS.
I CERTIFY THAT THIS Engine HAS
BEEN INSPECTED IN ACCORDANCE WITH A
Annual INSPECTION AND WAS DETERMINED
TO BE IN AN AIRWORTHY CONDITION.
Randall J. Bolton
A&P 480-72-7376

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Replaced 17" & 3" aerodact Replaced 16" & 2" aerodact Cylinders 1, 2, and 5 oil fouling Cleaned, regreased, and tested spark plugs Spuried and Recharged battery Reassembled blades on propeller Removed, inspected, cleaned oil screen Crib heat shield repaired Retuned both magnetos Installed new points and capacitor in R-mag. Changed oil using 10 qts X-C

COMPRESSION CHECK								
1	2	3	4	5	6	7	8	9
73	77	50	74	80	75	X	X	X
80	80	80	80	80	80	80	80	80

DATE 7-22 19 85 TT 362.0 HRS.
I CERTIFY THAT THIS Engine HAS
BEEN INSPECTED IN ACCORDANCE WITH A
Annual INSPECTION AND WAS DETERMINED
TO BE IN AN AIRWORTHY CONDITION.
Randall J. Bolton
A&P 480-72-7376

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>Muffler Assembly repaired by Wall Colmaney Cleaned, regreased, tested spark plugs Installed one new REM406 spark plug. Installed new cranking battery Removed, inspected (found aluminum deposits) cleaned and regreased oil screws. Repairs made to right exhaust manifold Replaced left regulator to 25° BT Changed oil using 9 qts of Phillips 16-200</p>

COMPRESSION CHECK									
1	2	3	4	5	6	7	8	9	
72	62	78	80	79	78	X	X	X	
80	80	80	80	80	80	80	80	80	

3307 T.T

DATE 8-27 19 86 C.T. 387.0 HRS.
 I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH A
General INSPECTION AND WAS DETERMINED
 TO BE IN AN AIRWORTHY CONDITION.

Ken S. Butler
 A&P 480-72776 JA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-16-87		<p>① 1028-8 oil Press ball. ① 61084 oil press relief valve spring. ① 71655 shaft Assy. ① LW18662 Pin ① 76118 spacer. ① M81625-1081 circlip. ① STD 1973 Keys. ① 3L 67542 mag drive bearings. ① 3L11775 Camshaft Plug. ① 3L 12186 nuts. ① 3L 13444 pins. ① 3L 71569-1 Gasket Set ① 68517 bushings ① 68518 Lock plates. ① 69345 spacer. ① 60828 Plug. ① 75737 oil gage tube ① STD 3002 gmp rings. ① bottles LW16702 oil additive. ① LW-25-125 bolts ① 627429 Gaskets ① 60747 oil pump Impeller Ref 9A 456A. Ref ① 60746 oil Pump Impeller Ref 9A 456A. Magneto disassembled & cleaned, C/W applicable Bendix 3w bulletins & A.D. notes. Brass bags installed new oil sump and gaskets. Internally timed and set E gsp Governor disassembled and cleaned turned armature, installed new D.E. Frame, new C.E. Frame and D.E. bag. Starter disassembled and cleaned, turned armature, lubricated & repd & reassembled. Carburetor disassembled and cleaned. Reset float clearance and reassembled. Complied with Service Bulletins (Lycoming) #183A #212A previously accomplished #222C #238 #240K #245C #271A #276 #311 #400</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>#439 #456 B. Lycoming 3w Letters L1142, L118, L135A, L136, Service Instructions W1E, 1015, E1017, #1018, E220A, #1029D, #1099, #1104, #1124A, #1240A, #1267A #277, #1341, #1409A, #1427A Engine Installed on Test stand and ran in according to Overhaul Information. Installed all new prop plug and again ran engine for an additional 1 hr for oil consumption test. Oil consumption was 3.22. Removed from Test stand and installed in aircraft. Installed NOTE! NOT TRUE → Fresh Overhauled Propeller & Governor. See Maxwell Maint Release (Prep dated 1-10-87 Ref W.O. 83061) (Gov. dated 1-12-87 Ref W.O. 83110.) Installed new Bon Bolt #60886. Engine Ran up & check operation. I certify that this engine has been overhauled in accordance with the pertinent Lycoming Information and is released for service. T/Edgar Quinn AIP 1083238 I.A.</p>

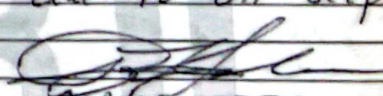
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-6-87		Tach reads 458.34 Changed oil & Cleaned screen refilled with 12 qts. AeroShell 100 50WT. N.D.O.I. 2 1-6 oz. bottle LW-16702 oil Additive. Steve W. Winn
5-8-87		Tachometer Reads 458.37 Removed all Cowling. Removed Front cooling baffles. Repaired L.H. baffle and Re-installed. Installed a used baffle on R.H. side. Removed, cleaned and repacked all spark plugs. Performed compression check. ALL cyls. Test excellent. Readings 925 From 74/80 To 78/80 Spark Plugs all Looked Good (no evidence of oil Fouling) Installed one new AeroShell (Baffling To Exhaust shroud - R.H. Rear of engine) Muelyn A. Winn A9P 1083238

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-28-87		Tach reads 492.28 Changed oil Refilled with 12 qts AeroShell 100 w 50. Steve W. Winn
September 18, 1987		Tach reads 506.0 total 3426 SMOH 117. Changed oil with AeroShell grade 80 W 40 weight. cleaned & inspected oil screen ok at this time. cleaned, gapped spark plugs. checked mag timing to engine ok. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition James D. Swanson AP 2112315 IA.
November 9, 1987		Tach reads 533.47 Changed oil & cleaned screen refilled with 12 qts. AeroShell 100 50WT. 30 qts. Steve W. Winn

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2/29/88		tach reads 566.4 Changed oil with Aeromell grade 80W 40 weight. Cleaned oil screen. James D. Swanson AP 2112315
4-6-88		Tach 590:51 Removed engine driven fuel pump and replaced w/new due to oil seeping through diaphragm.  AP 1684331A
7-11-88		Tach Time 617.1 DRAIN OIL Remove OIL SCREEN, INSPECT FOR CONTAMINATION (NON FOUND) INSTALL OIL SCREEN WITH NEW GASKET, FILL CRANKCASE WITH 12 qts A/S W100 50W OIL. Eugene Morris AP 37828117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-21-88		Tach Time 674.9 T.T. 3594.9 Compression Test 0.7% 0.7% 0.7% 0.7% 0.7% 0.7% DRAIN OIL, Remove oil screen, Inspect for contamination (NON FOUND) FILL CRANKCASE WITH 11 qts A/S W100 50W Remove #4 cyl due to LEAKING INTAKE VALVE BESEAL INTAKE SEAT INSTALL NEW INTAKE VALVE PIN SL 17541 New Rings PIN # SL 73994 AND 2 PIN SL 74623 INSTALL ON ENGINE - INSPECT EXHAUST SYSTEM - SEND MUFFLER OUT TO STEPP & RAWLEY FOR REPAIRS INSTALL REPAIRED MUFFLER AND EXHAUST STACKS WITH 6 NEW GASKETS PIN SL 77411, CLEAN, OIL AND RETUNE SPARK PLUGS Check Timing FOR AD COMPLIANCE SEE AD LIST IN BACK OF AIRCRAFT LOG BOOK - INSTALL NEW BRACKET AIR FILTER PIN BA-3210 STC-SA71GL - ELEMENT REPLACEMENT PIN BA3205 I certify that this ENGINE has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Date 11-21-88 Tach 674.9 T.T. 3594.9 SMOH 28512 Signed Eugene Morris Eugene Morris A&P 37828117 - LA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-16-89	Tach Time 691°	INSTALL Rebuilt STARTER by DENISON AVIATION, INC. Gene Morris O/P 374241117
4-5-89	Tach Time 702°	DRAIN OIL INSTALL 9 qts A/S non det 100 Gene Morris O/P 374241117
6-2-89	Tach Time 724°	DRAIN OIL Remove oil screen INSPECT for contamination (None found) INSTALL oil screen with new GASKET Fill CRANKCASE with 12 qts A/S W100 Gene Morris O/P 374241117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/17/89	Tach Time 758	Drain oil and refill Crankcase with 10 qts. A/S W100 Corey Strandberg A/P 481849719
7-3-89	Tach Time 774	DRAIN OIL, Fill CRANKCASE with 10 qts A/S W100 Gene Morris O/P 374241117
7-21-89	Tach time 813	Drain oil, Remove oil screen & inspect for contamination None found. Reinstall screen with New gasket. Fill crankcase with 10 qts. A/S W100. Corey Strandberg A/P 481849719

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-21-49	Tach Time 835	DRAIN oil Fill with 10 qts A/S 6100 Gene Morris A/P 37524117
12-1-49	TACH Time 491 1/2	TOTAL time 3411.6 S.M.O.H. 502.6 COMPRESSION Test (1) 3/40 (2) 3/40 (3) 3/40 (4) 3/40 (5) 3/40 (6) 3/40 DRAIN oil Remove upper and lower oil screen INSPECT FOR CONTAMINATION 3 LBS. ^(AVM) FOUND, INSPECT EXHAUST SYSTEM WHEAT, GAP AND ROTATE SPARK PLUGS Remove left mag give with AD 74-09-0783 BY INSPECTION I.A.W. Bardix S.B. 599B - Continued next page

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		open mag Remove Rotor Pack Bearing AT both ends, check points ASSEMBLE AND INSTALL ON ENGINE Remove Right mag open, Remove Rotor pack bearing AT both ends, INSTALL NEW COIL, CHECK points, ASSEMBLE AND INSTALL ON ENGINE Remove ACCESSORY section to check oil pump gear, oil pump gear IN GOOD CONDITION, THE ALUM MAG HAVE BEEN TRAPED IN OIL COOLER FROM PREVIOUS ENGINE WILL WORTH ENGINE CHANGE TO SEE IF THERE ARE ANY CHANGES. SE AD LIST IN BACK OF AIRCRAFT LOG FOR AD compliance
I certify that this engine has been inspected in accordance with an Annual inspection and was found to be in airworthy condition. Date 12-1-49 Tach 491.5 Total Time 3911.5 SMOH 502.8 Signed Eugene Morris Eugene Morris A/P 37828117 - I.A.		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Date 12-5-89 Engine Time T.T. 3811.8
Sub 502.8

Installed the TAS-100 preheater system S/N 14712 in accordance with Tanis Aircraft Services instructions and drawings No. _____

Name Cory Standley Mechanic # A/P 481849719

12-89 Tach time 905.4 Install Generator Belt and Rebuilt generator S/N 9846

Cory Standley
A/P 481849719

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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1-10-90 Tach time 920 Drain oil. Pulled lower oil screen & inspected for contamination. None found. Reinstall screen with New crush gasket and Refill crankcase with 10 qts A/S W 65.

Cory Standley
A/P 481849719

2-13-90 Tach Time 949.0 Drain oil Remove upper oil screen, inspect for contamination (None found) Fill crankcase with 10 qts A/S W 80

Gene Martin
A/P 481849719

Maintenance Release

Make De/Co

Model _____

Unit Name Generator

Part # 1101915 50A

Serial # 9846

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file under work order

No. _____

Reconditioned By Bob Weber

Inspected By Robert A. Weber

License No. AP2001550

Date 1/2/90

WEBCO Aircraft

Phone (316) 283-7929

Route 4 • Box 13A

NEWTON, KANSAS 67114

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-27-90	Tach Time 962.9	INSTALL EGT system that was removed and sent to ALEOR. Everything yellow tagged Jose Maria O/P 376261117
3-20-90	Tach Time 975	DRAIN oil Fill CRANKCASE with 10 qts A/S W100 50 weight Jose Maria O/P 376261117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-9-90	Tach Time 1002	DRAIN oil Remove upper AND lower screen Inspect for contamination (NO FOUND) INSTALL screens with new GASKETS AND fill CRANK CASE with 10 qts A/S W100 Jose Maria O/P 376261117
7-6-90	Tach Time 1030.4	DRAIN oil Fill CRANKCASE with 10 qts A/S W100 Jose Maria O/P 376261117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-1-90	Tach Time 1063 ²	DRAIN oil, Remove upper AND lower oil SCREEN, FOUND NO CONTAMINATION FILL CRANK CASE WITH 10 QTS A/S 40100 Done Morris O/P 37424117
8-7-90	Tach Time 1074 ²	Remove right hand exhaust stack. Sent to Sawley Aviation for repair. Installed repaired exhaust stack Done Morris O/P 37424117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/20/90	Tach Time 1094	Drain oil and refill crankcase with 10 qts A/S 405 Done Morris O/P 37424117
12-24-90	Tach Time 1094 ³	Compression Test (1) 7/40 (3) 7/40 (5) 7/40 (7) 7/40 (9) 7/40 (11) 7/40 INSTALL 12 New Champion BEM 40E SPARK plugs INSPECT Exhaust system AT Tach Time 05 1074 ² Check Timing, Wash Engine Drain oil Remove oil SCREEN INSPECT FOR CONTAMINATION (NONE FOUND) INSTALL SCREEN WITH NEW GASKET FILL CRANK CASE WITH 10 QTS A/S 405 SEE AD LIST IN BACK OF AIRCRAFT Log FOR AD COMPLIANCE, I certify that this engine is in an annual condition. Date 12-24-90 1094 ³ 4014 ² Eugene Morris A&P 37424117

REORDER FROM:
AVIATION BUSINESS SYSTEMS
715 North Memorial Parkway
HUNTSVILLE, ALABAMA 35801
1-800-633-2950

Maintenance Release

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 are on file at this repair station under work order # 13114

Dated 09-04-90

Inspected By Tom Smith

Cert. # _____

SERVICEABLE

Name Denison Aviation Inc.

Unit stack

Aircraft PA 24-250 ID # _____

Disposition repaired

Reason For Removal _____

Removed by _____ Date _____

TS

FAA Certificate No.

NJ5R069N

DAWLEY AVIATION

281 E. CHESTNUT ST.
BURLINGTON, WI 53105
1-800-338-5420

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-1-91	Tach Time 1126	Drain oil, remove oil screen check for contamination (none found) refill crankcase with 10 qts A/S W50. Gene Morris O/R 376261117
6-3-91	TACH TIME 1165 ²	DRAIN oil FILL CRANKCASE with 10 qts A/S W100 Gene Morris O/R 376261117
7-22-91	Tach Time 1186 ³	Drain oil, remove oil screen, check for contamination (none found) refill crankcase with 10 qts A/S W100. Gene Morris O/R 376261117

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/3/91	Tach reads 1218.22 hrs.	Compression Tested engine as follows: cylinders #1- $1\frac{1}{2}$ / ₅₀ #2- $1\frac{1}{4}$ / ₅₀ #3- $1\frac{1}{2}$ / ₅₀ #4- $1\frac{1}{2}$ / ₅₀ #5- $1\frac{1}{2}$ / ₅₀ #6- $1\frac{1}{2}$ / ₅₀ Removed left exhaust header - TIG welded #6 flange by Southwell aviation - Reinstalled. Harry E. Burnell JA1469097
10-23-91	Tach 1222.1	Repaired fuel pressure lines AT CARBURETOR, Installed new tail pipe ASSY, replaced hardware as necessary from National A&P 461318144
11-18-91	1223.29	REPLINED MUFFLER SHROUD. REPAIRED SHROUD FOR CARB. HEAT. RELOCKED MUFFLER. INSTALLED MUFFLER & TAIL PIPE SUPPORT KIT. REPLACED ALL EXHAUST GASKETS. <i>Thorlief Pedersen</i> A&P1564090

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-30-94	1248.64	<p>Checked engine controls, changed oil cleaned oil screen checked compression $1\frac{7}{8}$ $2\frac{7}{8}$ $3\frac{7}{8}$ $4\frac{7}{8}$ $5\frac{7}{8}$ $6\frac{7}{8}$ Run up satisfactory. ER Dwyer ATP46688</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in airworthy condition.</p> <p>Date: <u>2-30-94</u> Signed: <u>ER Dwyer</u> TTL Time: <u>1248.64</u> Cert. No. <u>ATP46688</u></p>
2-1-93	1363.36	<p>Checked engine controls changed oil, cleaned oil screen checked compression $1\frac{7}{8}$ $2\frac{7}{8}$ $3\frac{7}{8}$ $4\frac{7}{8}$ $5\frac{7}{8}$ $6\frac{7}{8}$ Run up satisfactory</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition.</p> <p>Date: <u>2-1-93</u> Signed: <u>ER Dwyer</u> TTL Time: <u>1363.36</u> Cert. No. <u>ATP46688</u></p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-17-94	1451.90	<p>Checked engine controls, checked compression $1\frac{7}{8}$ $2\frac{7}{8}$ $3\frac{7}{8}$ $4\frac{7}{8}$ $5\frac{7}{8}$ $6\frac{7}{8}$ cleaned oil screen.</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in airworthy condition.</p> <p>Date: <u>2-17-94</u> Signed: <u>ER Dwyer</u> TTL Time: <u>1451.90</u> Cert. No. <u>ATP46688</u></p>
3-1-95	1533.00	<p>Checked engine controls checked comp- ression cleaned oil screen $1\frac{7}{8}$ $2\frac{7}{8}$ $3\frac{7}{8}$ $4\frac{7}{8}$ $5\frac{7}{8}$ $6\frac{7}{8}$</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in airworthy condition.</p> <p>Date: <u>3-1-95</u> Signed: <u>ER Dwyer</u> TTL Time: <u>1533.00</u> Cert. No. <u>ATP46688</u></p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME
Lycoming O-540-A1A5 S/N L-805-40 N5890P PA24-250	
1. C/W 100 Hr. Insp. per Piper Service Manual.	
2. Cleaned & gapped spark plugs.	
3. Cleaned fuel screen.	
4. Compression test: Cyl. # 1 $7\frac{1}{8}$ 2 $6\frac{5}{8}$, # 3 $7\frac{1}{8}$ # 4 $7\frac{1}{8}$, # 5 $7\frac{1}{8}$ # 6 $7\frac{1}{8}$	
5. Replaced rocker box cover gaskets on cyl. # 1 & # 2.	
6. Replaced carb. air filter I/A/W AD 84/76/02. Next due 12 months.	
7. Replaced points & condenser, cleaned & packed bearings, cleaned contacts on dist. block: right hand magneto.	
8. Replaced points, condenser, breaker end bearing, cleaned & packed both bearings, cleaned contacts on dist. block. Replaced impulse coupling I/A/W AD 78/09/07R3 & S/B 599B on left hand magneto.	
Lycoming O-540-A1A5 S/N L-805-40 N5890P PA24-250	
8. Magneto timed to engine 25° B. T. C.	
9. C/W AD 68/05/01: Pressure tested muffler.	
10. C/W Lycoming S/B 518A: Thermostatic By-Pass Valve inspection. No defect. Next due in 12 mos.	
11. Engine washed down & run up satisfactory.	
12. No oil change at this time.	
13. AD'S checked through 96/05.	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/19/97	TACH time - 1751.58	Comp. check. #1 - 76/80, #2 - 70/80, #3 - 75/80, #4 - 70/80, #5 - 74/80, #6 - 78/80. checked timing at 250 B.T.C., Replaced spark plugs. Checked compliance with applicable A.D.'s.
		I certify that this Engine was inspected in accordance with AN ANNUAL inspection and was determined to be in Airworthy condition.
		5/19/97 Alfred Chamy J.A. 1167181.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/17/98	Tach time 1817.12	Comp. #1 - 75/80, #2 - 78/80, #3 - 74/80, #4 - 74/80, #5 - 72/80, #6 - 75/80. Inspected exhaust manifold & nut/bolts for cracks - checked motor mount & Engine controls for security.
		I certify that this Engine has been inspected in accordance with AN ANNUAL inspection and was determined to be in Airworthy condition.
		6-17-98 Alfred Chamy J.A. 1167181.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<ol style="list-style-type: none"> Removed this engine and propeller from PA24-250 N5890P. Installed engine in PA 24-250 N6244P. Propeller reinstalled in N6244P PA24-250. TT <u>4746.9</u> TSMOH <u>1457.9</u> <i>Engine</i> Complied with 100 Hour Inspection per shop check list. Drained oil and added 10 Qts. AeroShell 100W. Changed oil filter installed CH48110 filter. Visually inspected filter media, no metal found. Cleaned suction filter. Cleaned and gapped spark plugs. Complied with AD 68/05/01 by pressure testing exhaust system. Complied with Lycoming S/B 518A by visual inspection of thermostatic by-pass valve. No defect, next due in 12 months. Cleaned carb fuel screen and drained fuel bowl. Checked points in both mags, lubed cams and checked timing to 25° B. T. C. Removed propeller for compliance with AD 97/18/02 and S/B 217R1, Para 3A, B, C, & D. Resealed and balanced only. Installed in PA24-250 N6244P. See J A S Prop. Dept. W/O # 0138P. Engine washed down and run up. Idle mixture and idle set. Aircraft test flown for 1 hour, post flight inspection satisfactory. Compression test: Cyl. # 1 70/80, # 2 70/80, # 3 75/80, # 4 70/80, # 5 74/80, # 6 70/80. AD S checked through 99/05.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 Hr</u> inspection. And was determined to be in an air- worthy condition.</p> <p>Date <u>4/07/99</u> Tach of <u>4746.9</u> Work Order # <u>1697</u> TSMOH <u>1457.9</u> Auth. Signature <u>TACK 1846.9</u></p> <p>OLIVAS AVIATION P.O. Box 843 Fabens, Texas 78540 A8P1988936</p>

INSPECTION & MAINTENANCE RECORD

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

N6244P

Piper

PA24-250

N #

1349

Mfg.

47114

Model

07/09/99

S/N

1849.18

W.O. #

DATE

TACH/HOBBS:

ACFT TOT:

ENG. TOT:

Replaced exhaust gaskets P/N 77611 with new, reassembled with new nut
P/N STD-1410 and leak checked as ok.

Ben Ballway

Ben Ballway

El Paso Aero, Inc.
Avionics Associates
6825 Convair Rd.
El Paso, Texas 79925
FAA CRS # VLIR562K
(915) 779-3481

Feb 24, 2000 Removed cyl. #5 & reinstalled cyl.
from Gibson Aviation, see attached release.
Drained oil & replaced oil filter and serviced with
AeroShell 40 wt Non Detergent oil for new rings in cyl.
Cyl. installed with new gaskets & seals, greased & run
& checked ok for leaks. Verlin T. Schaefer ATP 1972317

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

N6244P 05/12/00 Tach: 1898.5 TSMOH: 1509.5

Compression check completed satisfactorily, all cylinders 76/80 or better,
cleaned checked and gapped spark plugs, checked exhaust system, checked
magneto timing. Dressed and painted propeller as needed. Changed oil and
filter(CH48110) serviced with 10qts Aeroshell 15w50. Replaced air filter
element I certify that this engine and propeller have been inspected in accordance
with an annual inspection and are found to be in an airworthy condition at this time.

A. Jack Hawkins

A. Jack Hawkins

5246651651A

N6244P 10/04/00 Tach: 1942.5

Removed disassembled, inspected, bench tested and
reinstalled both magnetos. Cleaned, tested, replaced
1 spark plug. Magneto timing set. Oil and filter(CH48110)
change completed. Serviced with 10qts Aeroshell 15W50.
Engine ran, ops and leak checked good.

A. Jack Hawkins

A. Jack Hawkins

5246651651A

ATT 3656.5

GIBSON - AVIATION



1821 W. Elm
P.O. Box 880
El Reno, OK 73036
Phone (405) 262-4880

Certified Repair
Station AV2R704K

"THE NAME TO REMEMBER FOR ENGINE
PARTS AND SERVICE"

Customer Verlin's Aviation W.O# _____
Component CYLINDER Mfg. LYCOMING
Part# 0-540 N/D Serial# 67611
Remarks: GUIDES AND SEATS REPLACED AS NECESSARY FIC
Built with serv. parts
Overhauled By GJ Date 2-14-00

Serviceable

RECORD

ANCE PERFORME.
IFICATE NO.

iper


7114

ith new, reass

en Ballway

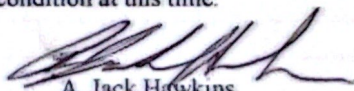
Feb 24, 2000 Removed Cyl. #5 & reinstalled
from Gibson Aviation, see attached re
Drained oil & replaced oil filter and service
AeroShell 40 wt Non Detergent oil for new
Cyl. installed with new Gaskets & Seals, pre oil
& checked OK for leaks. Verlin Tschauer

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>N6244P 10/20/00 Tach: 1938.3</p> <p>Inspected engine visually and completed compression check of all cylinders all checked good 72/80 or better. Test flew aircraft, no unusual vibration detected. Aircraft returned to service.</p> <p> A. Jack Hawkins 5246651651A</p>

N6244P 05/25/01 Tach: 1950.0 TSMOH: 1560.9

Inspected engine, compression check completed satisfactorily, all cylinders 74/80 or better, cleaned gapped and checked spark plugs, checked exhaust system and magneto timing, controls checked and lubed, see aircraft logs for airworthiness directives and aircraft maintenance. I certify that this engine and propeller have been inspected in accordance with an annual inspection and are found to be in airworthy condition at this time.


A. Jack Hawkins
5246651651A

INSPECTION & MAINTENANCE RECORD

June 23, 2003 Tach Time: 1982.4

Completed compression check of Cyl #1 78/80, #2 79/80, #3 77/80, #4 78/80, #5 78/80, #6 75/80. Drained oil and replaced oil filter. Serviced with 12qts. Phillips 20w50M oil. Cleaned and gapped spark plugs. Cleaned primer nozzles and fuel screens. Checked mag timing.

I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

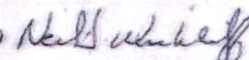
Tach Time: 1982.4

Total Time: 4882.4

Prop SMOH: Unknown

Prop Total Time: Unknown

Neil D. Wickliff IA 484664369



Engine hours @ 2003 annual 1602.4
J. Cartwood owner

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-12-02	TACH TIME 1966.9	TSMOH 1577.8
		ENGINE TOPPED, CYLINDERS REMOVED CHROMED BACK TO STD. BORE OVERHAULED. 5 CYL. WELDED. 5 NEW INTAKE SEATS, 5 NEW EX. SEATS, 6 NEW INTAKE & EX GUIDES, NEW INTAKE VALVES SERVICEABLE EX. VALVES, 12 SETS NEW KEEPER RODS REMOVED. MAGNAFLUXED & REBUSHED. NEW +.003 ROD BEARINGS. ALL NEW ROCKER ARM & BOSS BUSHINGS 6 SERVICEABLE PISTONS USED. NEW RINGS, GASKETS & DRAIN HOSES & INTAKE HOSES. PUSHRODS MAGNAFLUXED & 3 NEW PUSHRODS. NEW OIL COOLER HOSES & FIRESLEEVES INSTALLED. NEW OIL FILTER & 12 QTS PHILLIPS 20-50 MINERAL OIL ADDED. ENGINE AD ON MAG COUPLING CHECKED OK. FUELING PRELUDED & RAN UP. OIL PRESSURE RESET. ENGINE DETERMINED TO BE IN AN AIRWORTHY CONDITION.
		<div> <div> <i>Donald F. Haney</i> ATP 1508577 </div> </div>

June 14, 2004 Tach Time: 2035.1

Completed compression check of Cyl. #1 79/80, #2 79/80, #3 75/80, #4 75/80, #5 75/80, #6 78/80. Drained oil and replaced oil filter. Serviced with 12qts. Phillips 20w50M oil. Cleaned and gapped spark plugs. Cleaned primer nozzles and fuel screens. Checked mag timing. I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

Tach Time: 2035.1

Total Time Engine: 4935.1

Engine SMOH: 1646.0

Total Time Prop: Unknown

Neil D. Wickliff IA 484664369 *Neil D. Wickliff*

August 16, 2005 Tach Time: 2051.84

Completed compression check of Cyl. #1 79/80, #2 78/80, #3 79/80, #4 78/80, #5 75/80, #6 79/80. Drained oil and replaced oil filter. Serviced with 11qts. Phillips 20w50M oil. Cleaned and gapped spark plugs. Cleaned primer nozzles and fuel screens. Checked mag timing. I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

Tach Time: 2051.84

Total Time Engine: 4951.84

Engine SMOH: 1662.74

Total Time Prop: Unknown

Neil D. Wickliff IA 484664369 *Neil D. Wickliff*

March 17, 2006 Tach Time: 2081.7
Drained oil & replaced oil filter. Serviced with
12 qts. Aeroshell 15W50
Neil D. Wickliff A&P 484664369

Neil D. Wickliff

November 17, 2006 Tach Time: 2099.8

Completed compression check of Cyl.#1 78/80, #2 74/80, #3 74/80,
#4 75/80, #5 74/80, #6 77/80. Drained oil and replaced oil filter.
Serviced with 12qts. Aeroshell 15W50. Cleaned and gapped spark
plugs. Cleaned primer nozzles and fuel screens. Checked mag timing.
I certify that this ENGINE has been inspected in accordance with
an ANNUAL INSPECTION and was determined to be in an
airworthy condition.

Tach Time: 2099.8

Total Time Engine: 4999.8

Engine SMOH: 1710.7

Total Time Prop: Unknown

Neil D. Wickliff IA 484664369

Neil D. Wickliff

MAINTENANCE RECORD

SECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

A-Cent Aviation, Inc. 1340 Aviation Way, Colorado Springs, Colorado 80916

Engine

Date:- January 7, 2008 Acft Reg:- N6249P Eng Serial No:- L-805-40
Tach:- 2105.49 T.T. Eng:- 5005.49 S.M.O.H. Eng:- 1716.39

Maintenance Description

Completed annual inspection on this date. Checked components and fittings for security and condition. Cylinder leakage test results as follows: #1- 78/80, #2- 79/80, #3- 74/80, #4- 76/80, #5- 76/80 and #6- 78/80 psi. Drained oil and serviced with 12 qts of Aeroshell 15W50. Removed oil filter, cut open and inspected element for contamination. Installed new oil filter CH48110-1 and safetied. Cleaned, inspected and gapped all spark plugs. Checked mag timing.

I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

Mechanic's Signature:- Neil D. Wickliff

Neil D. Wickliff

Certificate Number:- IA484664369

A-Cent Aviation, Inc. 1947 Aviation Way, Colorado Springs, Colorado 80916

Engine

Date:- May 15, 2009 Acft Reg:- N6244P Eng Serial No:- L-805-40
Tach:- 2112.24 T.T. Eng:- 5012.24 S.M.O.H. Eng:- 1723.14

Maintenance Description

Completed annual inspection on this date. Checked components and fittings for security and condition. Cylinder leakage test results as follows: #1- 79/80, #2- 78/80, #3- 73/80, #4- 76/80, #5- 73/80 and #6- 79/80 psi. Drained oil and serviced with 12 qts of Aeroshell 15W50. Removed oil filter, cut open and inspected element for contamination. Installed new oil filter CH48110-1 and safetied. Cleaned, inspected and gapped all spark plugs. Checked mag timing.

I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

Mechanic's Signature:- Neil D. Wickliff

Neil D. Wickliff

Certificate Number:- IA484664369

A-Cent Aviation, Inc. 1947 Aviation Way, Colorado Springs, Colorado 80916

Engine

Date:- February 1, 2011 Acft Reg:- N6244P Eng Serial No:- L-805-40
Tach:- 2118.94 T.T. Eng:- 5018.94 S.M.O.H. Eng:- 1729.84

Maintenance Description

Completed annual inspection on this date. Checked components and fittings for security and condition. Cylinder leakage test results as follows: #1- 78/80, #2- 78/80, #3- 74/80, #4- 76/80, #5- 76/80 and #6- 76/80 psi. Drained oil and serviced with 12 qts of Aeroshell 15W50. Removed oil filter, cut open and inspected element for contamination. Installed new oil filter CH48110-1 and safetied. Cleaned, inspected and gapped all spark plugs. Checked mag timing.

I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

Mechanic's Signature:- Neil D. Wickliff *Neil D. Wickliff*
Certificate Number:- IA484664369

Falcon Aircraft, LLC 1947 Aviation Way, Colorado Springs, Colorado 80916

Engine

Date:- October 7, 2011 Acft Reg:- N6244P Eng Serial No:- L-805-40
Tach:- 2125.83 T.T. Eng:- 5025.83 S.M.O.H. Eng:- 1736.73

Maintenance Description

Completed Annual inspection on this date. Checked components and fittings for security and condition. Cylinder leakage test results as follows: #1- 78/80, #2- 76/80, #3- 76/80, #4- 78/80, #5- 76/80 and #6- 74/80 psi. Drained oil and serviced with 12 qts of Aeroshell 15W50. Removed oil filter, cut open and inspected element for contamination. Installed new oil filter CH48110-1 and safetied. Cleaned, inspected and gapped all spark plugs. Checked mag timing. Ran engine. Leak checked ok.

I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

Mechanic's Signature:- Neil D. Wickliff *Neil D. Wickliff*
Certificate Number:- IA484664369

N6244P TACH-2224.55 TSMO-1835.45
MODEL- O-540-A1A5 S/N-L-805-40

Aeromechanix
2898 MONTECITO ROAD - RENO, NV - CA

DRAINED OIL, REMOVED & INSPECTED OIL FILTER. INSTALLED NEW OIL FILTER P/N AA48110-2, & SERVICED WITH 10 QTS. AEROSHELL W100 AND 16 OZ CAMGAURD. DIFFERENTIAL COMPRESSION TEST: #1 76/80 #2 72/80 #3 75/80 #4 75/80 #5 76/80 #6 74/80. CLEANED/INSPECTED/SERVICED ALL SPARK PLUGS, & REPLACED ALL SPARK PLUG GASKETS P/N M674. CHECKED MAGNETO TIMING. SERVICED GASCOLATOR & SCREEN. REPLACED MAIN INSTRUMENT VACUUM FILTER P/N RAD9-18-1. LUBRICATED ENGINE CONTROLS AND CHECKED FOR FREEDOM OF MOVEMENT. GROUND RUN AND LEAK CHECK SATISFACTORY.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

FRANCISCO JIMENEZ A&P32305381A *Francisco Jimenez*

DATE: 11/23/2012

3-10-13

REMOVED R/H MAG, REPLACED DIST. GEAR R6 -
INSTALLED ON ENG. RUN UP GOOD NO OIL LEAKS,

PLD. FIRM A&P 562782110

04-13-13 Tach 2271.49

Removed AND Replaced All 12 SPARK PLUGS
P/N REM-405. Engine Run up OKS checked out.
Randall T. Brown A&P 2636657

11

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-NL
 Serial No. FN-4613125 was manufactured new on 18 Nov 2011
 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
 Supplement No. 7 in accordance with Sky-Tec's
 FAA-Approved Quality System (14CFR Part 21, Subpart K).
 This article has been determined to be airworthy.
 For installation eligibility see www.skytecar.com/eligibility.htm
 Starter installed on N6244P by [Signature]
 (Aircraft) (Mechanic)

Form CC1108-1

N6244P TACH:2631.3 TSMO:1972.2 DATE:02/14/15

DRAINED OIL, REPLACED FILTER CH48110-1. SERVICED ENGINE WITH 11 QTS AERO-SHELL W100 OIL. CLEANED, GAPPED, TESTED & ROTATED SPARK PLUGS. CHECKED MAG TIMING. PERFORMED DIFF COMPRESSION TEST.
 #1=77/80 #2=76/80 #3=58/80 #4=74/80 #5=65/80 #6=66/80

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

[Signature] **AEROMECHANIX SAN DIEGO, CA**

DATE

N6244P TACH:3417.98 TSMO:1835.45

MODEL: O-540-A1A5 S/N-L-805-40

Aeromechanix

2888 MONTECITO ROAD - RANCHO MESA, CA

DRAINED OIL, REMOVED & INSPECTED OIL FILTER. INSTALLED NEW OIL FILTER P/N AA48110-2, & SERVICED WITH 9 QTS. AEROSHELL W100. DIFFERENTIAL COMPRESSION TEST: #1 76/80 #2 72/80 #3 72/80 #4 75/80 #5 42/80 #6 68/80. CLEANED/INSPECTED/SERVICED ALL SPARK PLUGS, & REPLACED ALL SPARK PLUG GASKETS P/N M674. REPLACED CYLINDER 6 EXHAUST STUD. REMOVED CYLINDER 5, INSTALLED EXCHANGE OVERHAULED CYLINDER FROM CORONA AIRCRAFT ENGINES, INC. THEIR WORK ORDER G092 DATED 07 MAR 2016. GROUND RUN AND LEAK CHECK SATISFACTORY.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 43 'D' AND PIPER INSPECTION CHECKLIST AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

MARC BIRD, IA 2039676

22 APRIL 2016

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-306-6399

DATE 5/10/2017 N# N6244P Eng TT 5161.57

MODEL O-540-A1A5 Eng S/N L-805-40 TACH 3459.1

ANNUAL DUE May-18

This Engine has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D) in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

COMPRESSION TEST

Changed oil, Serviced with 10qts of aero shell 100W oil. Replaced CYL #1 78 /80 CYL #2 74 /80
 oil filter, Cut open and inspected, inspected oil pick up as well. No CYL #3 64 /80 CYL #4 74 /80
 metal found in either. Serviced spark plugs. Changed #3,#5 intake CYL #4 70 /80 CYL #6 64 /80
 gaskets. Re torqued valve cover gaskets to 50 inch lbs. Removed both magnetos for 500 hr inspection. RH magneto
 S6LN-20 10-51365-46 SN 587336. LH S6LN-21 10-51305-47 SN 586987. Work by Aero Accessories Van Nuys CA.
 Re installed and timed. Washed engine. No leaks observed at this time.

SIGNED Benjamin M Kellogg

CERT # AP, IA 2698724

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 5/10/2017 N# N6244P A/C TT 4126.05 Eng TT 517.53
MODEL 0-540-A1A5 A/C S/N L-805-40 TACH 3469.06
DESCRIPTION OF WORK

Removed the generator for repair from Aero Accessories of Van Nuys Ca, RS XB20R286L WO 44304.
Thy replaced the brushes and bearings. Reinstalled generator PN 1101915 SN 11098. Ops check all OK

SIGNED Benjamin M Kellogg CERT # AP IA 2698724

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 10/1/2018 N# N6244P Eng TT 5173.61
MODEL 0-540-A1A5 Eng S/N L-805-40 TACH 3471.29
ANNUAL DUE Oct-19 Eng SMOH 1888.1

This Engine has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D)
in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK COMPRESSION TEST

DESCRIPTION OF WORK	CYL #1	79 /80	CYL #2	74 /80
Changed oil. Serviced with 10qts of aero shell 100W oil. Replaced oil filter. Cut open and inspected, inspected oil pick up as well. No metal found in either. Serviced spark plugs. Replaced all the flexible hoses in the engine compartment with new, including the oil cooler with the brown Teflon integral fire sleeved hoses.	CYL #3	75 /80	CYL #4	78 /80
Washed the engine. Test ran and checked for leaks. No leaks observed at this time. Checked AD's through 2018-17.	CYL #5	79 /80	CYL #6	73 /80

SIGNED Benjamin M Kellogg CERT # AP, IA 2698724

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 12/10/2019 N# N6244P Eng TT 5174.97
MODEL 0-540-A1A5 Eng S/N L-805-40 TACH 3472.5
ANNUAL DUE Dec-20 Eng SMOH 1889.97

This Engine has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D)
in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

COMPRESSION TEST

No oil or filter change done at this time. Only had 1 hr on it and the aircraft is hangared in a dry hangar. Adjusted magneto timing. Stop drilled several small cracks in the baffling. Tighten #6 oil return coupling. Washed the engine. Test ran and checked for leaks. No leaks observed at this time. Checked AD's through 2019-24.

CYL #1	72 /80	CYL #2	73 /80
CYL #3 <td>60 /80</td> <td>CYL #4 <td>69 /80</td> </td>	60 /80	CYL #4 <td>69 /80</td>	69 /80
CYL #5 <td>77 /80</td> <td>CYL #6 <td>69 /80</td> </td>	77 /80	CYL #6 <td>69 /80</td>	69 /80

SIGNED Benjamin M Kellogg CERT # AP, IA 2698724

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 10/18/2021 N# N6244P Eng TT 5180.97
MODEL 0-540-A1A5 Eng S/N L-805-40 TACH 3488.7
ANNUAL DUE Oct-22 Eng SMOH 1905.97

This Engine has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D)
in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

COMPRESSION TEST

Changed the oil and oil filter. Cut open. No metal found. Installed. Checked magneto timing. Cleaned and serviced the spark plugs. Replaced the air filter PN BA-3205. Adjusted the idle mixture and RPM. Reset the magneto timing. Replaced the gasket for the oil pressure regulator. Washed the engine. Test ran and checked for leaks. No leaks observed at this time. Checked AD's through 2021-20.

CYL #1	78 /80	CYL #2	77 /80
CYL #3 <td>72 /80</td> <td>CYL #4 <td>76 /80</td> </td>	72 /80	CYL #4 <td>76 /80</td>	76 /80
CYL #5 <td>78 /80</td> <td>CYL #6 <td>69 /80</td> </td>	78 /80	CYL #6 <td>69 /80</td>	69 /80

SIGNED Benjamin M Kellogg CERT # AP, IA 2698724

ENGINE

4119 W. Commonwealth Ave. Hays, KS 67601 781-306-6000

DATE	1/25/2024	NR	N5244P	Eng TT	5180.97
MODEL	0-540-A1A5	Eng S/N	L-805-40	TACH	3403.0
ANNUAL DUE	Jan-25			Eng SMOH	1911.17

This Engine has been inspected in accordance with a ANNUAL inspection as per Title 14 C.F.R PART 43 APPENDIX (D) in scope and detail and has been found to be in airworthy condition at this time for return to service

DESCRIPTION OF WORK

Changed the oil and oil filter. Cut open. No metal found. Installed	CYL #1	72 /80	CYL #2	62 /80
Checked magneto timing. Cleaned and serviced the spark plugs.	CYL #3	78 /80	CYL #4	78 /80
Replaced the air filter PN BA-3205. Replaced both intake and exhaust	CYL #5	78 /80	CYL #6	64 /80
liters for Cylinder Cyl #2 PN SL75606, 15P29319. Replaced #2 valve cover gasket PN SL75606				

Washed the engine. Test ran and checked for leaks. No leaks observed at this time. Checked AD's through 2024-01
SIGNED Benjamin M Kellogg CERT # AP, IA 2698724

SIGNED Benjamin M. Kellogg

CERT # AP, IA 2698724

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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