

This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Teledyne Mattituck Services, Inc.

Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All Applicable Airworthiness Directives are in compliance. The engine, with respect to the work performed is airworthy and approved for return to service.

A description of these repairs is on file at this agency under:

JOB NO. 30443 DATED 15 JAN. 03
 MFG. Lycoming MODEL O-540-E4B5
 Serial No. L-12663-40 Time in svc. _____

TELEDYNE MATTITUCK SERVICES, INC.

FAA REPAIR STATION # T10R507Y
 AIRWAY DRIVE, MATTITUCK, NY 11952



Authorized Signature

Michael P. Russell

New cyl. Assys. installed

The accessories listed below were overhauled by Teledyne Mattituck Services, Inc. in accordance with applicable manufacturer's service and parts manuals and installed on the engine:

Item	Part No.	Serial No.

The accessories listed below were New or Overhauled as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Status
STARTER	MZ-6222	C080424	N
Fuel pump	41271	AA5818	O
2H mag	6350	01560618	N
4H mag	6355	01070847	N
LH Mag Bendix	BL5005162	SN 015FA320R	
RH mag	BL600646-1	SN E15GA040R	



TELEDYNE MATTITUCK SERVICES, INC.
 FAA REPAIR STATION T10R507Y

W.O. NO. 30443 DATE 15 JAN 03

Michael P. Russell

Authorized Signature


DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/30/03	TACH 4221.55	R&R front crankshaft oil seal. Torqued prop governor base nuts. Ground run performed, no leaks. Wayne Handy AP 252193

KEYSON AIRWAYS INC.
117 PERIMETER ROAD
NASHUA, NH 03063
(603) 598-4526

MARCH 12, 2003 TACH-4219.53 TTAF-4219.53 TSMOH-0.0 HOBBS-NONE

INSPECTED ENGINE USING PIPER CHEROKEE SIX INSPECTION REPORT P/N 230-210. ENGINE, PROP GOVERNOR & PROPELLER REINSTALLED AFTER OVERHAUL BY MATTITUCK INC. & NEW ENGLAND PROPELLER. REINSTALLED ENGINE MOUNT AFTER OVERHAUL BY KOSOLA & ASSOCIATES INC. REPAIRED NOSE GEAR STEERING YOKE. SERVICED ENGINE WITH 12 QUARTS OF PHILLIPS 20W50 TYPE "M" OIL. ADJUSTED ENGINE FOR PROPER IDLE RPM AND MIXTURE & PROPELLER SETTINGS. INSTALLED ALTERNATOR MOUNTING KIT, P/N 760-742. CLEANED ALL BATTERY & STARTER CABLE TERMINALS. REPLACED BRACKETT INDUCTION AIR FILTER. SERVICED MAIN BATTERY. REPAIRED ENGINE BAFFLING AS NEEDED. REINSTALLED MUFFLER AFTER OVERHAUL BY DAWLEY INC. REPLACED RIGHT STEERING BOOT. REPAIRED OIL COOLER MOUNTING BRACKET. PAINTED INSIDE OF BATTERY BOX WITH ACID PROOF PAINT. REPLACED VACUUM REGULATOR FILTERS. CHECKED ALL AD'S THRU BI-WEEKLY 2003-04. C/W AD 95-26-13 (FLUID LINES) BY REPLACING ALL OUT DATE FLEXIBLE LINES. NEXT DUE ARE OIL FILTER ADAPTER HOSE @ 2008. ENGINE PERFORMANCE AND LEAK CHECKS GOOD DURING GROUND RUN-UP. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

BYRON F. DANFORTH



A&P 2411043 IA

Keyson Airways Inc.
117 Perimeter Road
Nashua, NH 03063
(603) 598-4526

Page 1 of 1

DATE: 5/31/03

N#: 5529J

TACH: 4238.28

Engine Logbook Entry

18.75

Changed oil and filter. Inspected old filter element and found satisfactory. Serviced engine with 10 qts of Aeroshell 100 SAE 50wt ashless dispersent oil. Completed Millenium 25hr engine inspection. Washed engine and cowl. Run-up leak check satisfactory. -END-



Anthony Quindazzi
A&P 3546063

DATE	TACH OR RECORDING METER TIME	<div data-bbox="487 123 1520 212"> <p>DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK</p> </div>			
		<div data-bbox="831 268 1092 392"> <p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> </div> <div data-bbox="1142 212 1545 403"> <p><i>Shop order 03-8558</i> <i>50 hr</i> <i>OK.</i></p> </div> <div data-bbox="613 392 747 425"> <p>Page 1 of 1</p> </div> <div data-bbox="386 425 596 459"> <p>DATE: 08-10-03</p> </div> <div data-bbox="697 425 848 459"> <p>N#: N5529J</p> </div> <div data-bbox="999 425 1201 459"> <p>TACH: 4286.05</p> </div> <div data-bbox="1302 425 1486 459"> <p>SMOH 66.52</p> </div> <div data-bbox="386 526 1520 660"> <p>COMPLETED OIL AND FILTER CHANGE WITH 9 QTS. A/S W 100 AND NEW CH48109 FILTER. CUT OLD FILTER OPEN SOME PARTICLES NOTED TOOK OIL SAMPLE AND PROVIDED TO OWNER. LUBRICATED PROP CONTROL RETORQUED ACCESSORY COVER NUTS. RAN ENGINE NO LEAKS NOTED.</p> </div> <div data-bbox="680 660 856 795"> <p><i>Ed Lord</i> ED LORD A&P1600539</p> </div> <tr> <td></td> <td></td> <td> <div data-bbox="798 1097 1066 1220"> <p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> </div> <div data-bbox="579 1220 722 1254"> <p>Page 1 of 1</p> </div> <div data-bbox="361 1254 537 1288"> <p>DATE: 5/31/03</p> </div> <div data-bbox="663 1254 798 1288"> <p>N#: 5529J</p> </div> <div data-bbox="974 1254 1176 1288"> <p>TACH: 4238.28</p> </div> <div data-bbox="663 1288 907 1321"> <p>Airframe Log Entry</p> </div> <div data-bbox="361 1332 1520 1512"> <p>Removed L/H main fuel tank for repair of crack under fuel sender. Reinstalled L/H fuel tank after repair was completed at Skycraft Corporation LLC. (FAA form 337 completed). Refueled aircraft. No leaks noted. Weighed aircraft and provided revised weight and balance data to owner. Performed dynamic prop balance using Chadwick Helmuth Spectrum Analyzer. Initial balance: .7 i.p.s., final balance: .1 i.p.s. Repositioned JPI MAP sensor from engine compartment to back of aircraft gauge. Installed new MAP sense hose in engine compartment. Operational check satisfactory. -END-</p> </div> <div data-bbox="630 1512 865 1691"> <p><i>Anthony Quindazzi</i> Anthony Quindazzi A&P 3546063</p> </div> </td> </tr>			<div data-bbox="798 1097 1066 1220"> <p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> </div> <div data-bbox="579 1220 722 1254"> <p>Page 1 of 1</p> </div> <div data-bbox="361 1254 537 1288"> <p>DATE: 5/31/03</p> </div> <div data-bbox="663 1254 798 1288"> <p>N#: 5529J</p> </div> <div data-bbox="974 1254 1176 1288"> <p>TACH: 4238.28</p> </div> <div data-bbox="663 1288 907 1321"> <p>Airframe Log Entry</p> </div> <div data-bbox="361 1332 1520 1512"> <p>Removed L/H main fuel tank for repair of crack under fuel sender. Reinstalled L/H fuel tank after repair was completed at Skycraft Corporation LLC. (FAA form 337 completed). Refueled aircraft. No leaks noted. Weighed aircraft and provided revised weight and balance data to owner. Performed dynamic prop balance using Chadwick Helmuth Spectrum Analyzer. Initial balance: .7 i.p.s., final balance: .1 i.p.s. Repositioned JPI MAP sensor from engine compartment to back of aircraft gauge. Installed new MAP sense hose in engine compartment. Operational check satisfactory. -END-</p> </div> <div data-bbox="630 1512 865 1691"> <p><i>Anthony Quindazzi</i> Anthony Quindazzi A&P 3546063</p> </div>
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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	4343.49	SMOH 123.96 — *Switch to Elite*
		Date: <u>11/18/03</u> , Tach. <u>4343.49</u>
		I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.
		By: <u>[Signature]</u> A&P 85908523 (IA)
		1) Comp 76 ¹ / ₈₀ 74 ² / ₈₀ 74 ³ / ₈₀ 74 ⁴ / ₈₀ 76 ⁵ / ₈₀ 75 ⁶ / ₈₀
		2) Changed oil & filter - Cleaned Suction Screen
		Took oil sample & gave it to owner, Serviced
		11QT 20W50W oil Exxon Elite
		3) Installed new Air Filter Element
		4) Tightened Air Belt.
		5) Tightened all Intake Bolts & hose Clamps.
		6) Repaired Carb heat cable Attachment to Airbox
		<u>End</u>
		167.65 SMOH
4/16/04	Tach-4387.18	Changed oil & filter - Serviced
		11QT Exxon Elite oil 20W50W -
		<u>[Signature]</u>
		IA56408523
8/10/04	Tach 4439.26	219.73 SMOH
		Drained oil and serviced with 10QT Exxon
		Elite oil. Checked filter for contaminants.
		Eng. status ground run all functions satisfactory.
		NORTH ATLANTIC AIR, INC. FAA APPROVED REPAIR STATION CERTIFIED SIGNATURE <u>[Signature]</u>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Date: _____</p> <p>I certify that _____</p> <p>accordance with _____ and _____</p> <p>was determined to be in airworthy condition.</p> <p>By: _____ A&P 56108523 (TA)</p> <p>SMOIT 242.21</p>
		<p>Date: 12/17/04 Tech. 4462.24 Hm.</p> <p>I certify that this aircraft has been inspected in</p> <p>accordance with a _____ inspection</p> <p>was determined to be in airworthy condition.</p> <p>By: _____ A&P 56108523 (TA)</p>
		<p>1) Comp. 74/80 76/80 75/80 74/80 75/80 76/80</p> <p>2) Changed oil & filter, cleaned suction</p> <p>Screen, took oil sample & sent in, serviced</p> <p>10 Q's 20W 50W Exxon oil 1 Elite</p> <p>3) Installed new Bracket Air Filter Element</p> <p>4) Installed new Intake Gasket #3 cyl.</p> <p>5) Tightened all valve cover screws -</p> <p>End</p>

AIRCRAFT LOG

DATE 1-3-05 MODEL PA 32-260

W.O. # 9648 S/N 32-990

TACH 4462.64 REG N5529J

T/T N/A

Signature Richard M. PelbrinWork Order # 9648Date 1-3-05

Keyson Airways Corporation
FAA Certified Repair Station KNAIR361S Form 18

LOG BOOK ATTACHMENT:

Replaced REIP cylinder band heater with new, P/N CH38-206, on #4 cylinder, operational check good. This aircraft has been found airworthy as to work performed.

— END —

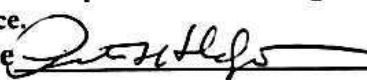


Richard M. Pelbrin

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Chris Aircraft Middletown RI 401-846-4550</p> <p>2/7/05 TACH 4463.6 N5529J</p> <p>Replaced starter with new from Magnaflight p/n mz-6222 s/n EO93835.No change to weight and balance.All opps checks o.k.</p> <p><i>Chris Aircraft</i> AIPD6222FF1</p>
2/16/05	4463.6	<p>Removed Lift Mags and sent to Teledyne Mattituck SVCS.</p> <p>Reinstalled Mags with supplied hardware after AD 99-04-04 (imp.coup.) Complied with and points and carbon brush. Mag PN 6355 SN 01010847. WO 60101. All work ZAW Lycoming manual. All operational and leak checks proved to be satisfactory. <i>Tom</i> AIPD732511 For Chris Aircraft</p>
7-25-05		<p>N5529J PA 32-260 SN. 32-990</p> <p>Tach 4568.7 Removed Starter</p> <p>PN. MZ-6222 SN. EO93835 and</p> <p>Installed on MZ222 SNFO32689</p> <p>checked operation OK.</p> <p><i>Louis L...</i> IA37341529AP</p>
8-12-05	4598.5	<p>changed oil & filter serviced with w/100 oil. cw oil sample kit.</p> <p>replaced filter w/ P/N 2802997R</p> <p>s/n E102363.</p> <p>SB 566 C crankshaft Replacement</p> <p>Does not apply Due to P/N 48516</p> <p><i>Chris</i> 430764/23</p>

1529 *Louis Park* IA 037341529

Edward Clausen AP36462575

Authorized Signature _____

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p align="center">London Aircraft Service Center Inc 150 Aviation Drive South L3HR317N</p> <p>N5529J Model: Piper PA32-2601 s/n #: 32-990 Date: 04/07/06 HobbsTime: _____ hrs Tach Time: 4701.2hrs Total Time: _____ hrs. -- ENGINE --</p> <p>Engine model #O-540-E4C5 s/n #L-12663-40 Total Time : _____ hrs. Remove magnetos for a 500 hour inspection. Left magneto and Right magneto were inspected. Inspection done by Teledyne Mattituck Services. RS# T10R507Yon w/o# 61065 dated 4/06/06. Reinstalled and timed to engine. Remove carburetor for inspection. Carburetor was inspected by Teledyne Mattituck Services. RS# T10R507Yon w/o# 61067 dated 4/06/06. Install all new spark plugs REM38E. Perform ground run and engine runs normal on ground runs. Work Order #: SO10430 In reference to the above work performed, this engine is airworthy and is returned for service. Peter F. Holdgate  L3HR317N</p>
		<p>Chris Aircraft Newport Airport Middletown RI 02842, 401-846-4550</p> <p>2-22-07 / TACH: 4837.3 N5529J PIPER MODEL PA32-260 / SN: 32-990 TTAF: 4837.3. ENGINE: LYCOMING MODEL O-540-E4C5 / SN: L-12663-40 TT ENG.: 4837.2 TSMOH: 617.8. PROPELLER: HARTZELL MODEL HA-CZYK-1BF / SN: CH29004 TSMOH: 617.8.</p> <p>RAN ENGINE DRAINED OIL. CLEANED SCREENS AND REPLACED FILTER pnCH48109-1 SERVICED ENGINE WITH 12 QTS OF AERO SHELL 15/50 OIL. CLEANED ENGINE, GAPPED AND CLEANED SPARK PLUGS. CHECKED ENGINE COMPRESSION: #1 74 #2 74 #3 73 #4 72 #5 72 #6 74 / 80. CHECKED FUEL SYSTEM DRAINED SUMPS, INSPECTED AND CLEANED SCREENS. CHECKED ALTERNATOR AND STARTER. CHECKED MAGNETOS AND TIMING. FUNCTIONALLY CHECKED ENGINE AND CHECKED FOR LEAKS.</p> <p>REPLACED RH LOWER CYL BAFFEL ROD pn 65103-002. REPAIRED LH HEAT SHROUD REAR ATTACH POINT. REPLACED ENG SUMP QUICK DRAIN pn CC37000. AD 06-10-21 DNA NO MAINT WAS PERFORMED BY CSE AVIATION. AD 06-10-21 DNA TO LYCOMING ROD ASSY'S INSTALLED. AD 06-12-07 ON ECI PARALLEL VALVE CYL. ASSY'S DNA TO THE SUPERIOR CYL ASSY'S INSTALLED. AD 06-20-09 PCW 3-22-06 / 4691.3 TACH BY MATTITUCK WO # 31849 SB569 FOUND NA TO CRANKSHAFT SN.</p> <p>2-22-07 / 4837.3 TACH I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. LOUIS FRANCIS Jr. IA 037341529  FA 037341529</p>
7-12-07	24900.0	<p>Ran Engine and Drain oil. Took oil Sample. Installed New oil Filter CH48109-1. Serviced Engine w/ 10 Qts of W-100 dur</p> <p>Ran Engine and no leaks found</p> <p align="center"> ANDRETTA</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-26-07	4935.4	Installed overhauled Alternator from modified A/C Accessories
		P/N 2642997 S/N 5012 All ops checks fine
		<i>Clyde</i> AP 3758559
		Chris Aircraft Newport Airport Middletown RI 02842, 401-846-4550
		01/21-0708 Tach-4952.2
		C/W Annual Insp. I.A.W. Appendix D,
		Comp #1 72/80 #2-74/80, #3-74/80, #4-74/80, #5-72/80, #6-75/80
		Drained oil and changed filter with CH48-109, serviced with 12qts Aeroshell
		15W50 oil. AD 07-04-19 and 07-14-19R1 N/A date of OH.
		Run-up and leak check satisfactory. I certify that this engine has been inspected
		IAW Annual insp. and was determined to be in an airworthy condition.
		Edward Clauson AP36462575IA
		<i>Edward Clauson AP36462575</i>
		9/21/09 N5529J PA32-260 SN 32-990
		ENGINE 0540-E4B5 SN 12663-40
		Annual inspection is completed this time & date.
		Change oil & filter, cut filter inspect good.
		Compression ck's 1 $\frac{7}{8}$ 2 $\frac{7}{8}$ 3 $\frac{7}{8}$ 4 $\frac{7}{8}$ 5 $\frac{7}{8}$ 6 $\frac{7}{8}$
		Replaced all lower spark plugs with UREM 40E -
		clean & gapped top plugs. Run up & ck good NO
		leaks.
		Tach Time <u>4990:94</u> Total Time _____
		100% Annual Inspection is completed this time and date. I certify
		this <u>ENGINE</u> has been inspected per <u>Annual ck list</u>
		requirements and is found to be in airworthy condition.
		<i>Phil G. Torbett</i> Phil G. Torbett A&P16492581A

D. N5529J 11-18-11 TACH TIME 5056.87 ENGINE TIME SMOH 837.34

INSPECTED AND SERVICED THIS ENGINE IN ACCORDANCE WITH FAR 43
APPENDIX D, AND APPLICABLE MAINTENANCE AND SERVICE MANUALS.
COMPLIED WITH ALL AD'S PERTINENT TO THIS MODEL, SEE AD COMPLIANCE
RECORD. CLEANED AND GAPPED PLUGS. COMPRESSIONS AS FOLLOWS 1)74/80
2)72/80 3)77/80 4)73/80 5)72/80 6)75/80. DRAINED CRANKCASE AND REMOVED
FILTER, REFILLED WITH 9 QTS AEROSHELL 15W50, TORQUED AND SAFTIED NEW
CH48109-1 OIL FILTER. TEST RUN LEAK CHECK OK. I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION
PROCEDURES AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

TERRY PHILLIPS 

AP198641373IA

N5529J 12-18-2012 TACH TIME 5069.13 ENGINE TIME SMOH 849.6

INSPECTED AND SERVICED THIS ENGINE IN ACCORDANCE WITH FAR 43
APPENDIX D, AND APPLICABLE MAINTENANCE AND SERVICE MANUALS.
COMPLIED WITH ALL AD'S PERTINENT TO THIS MODEL, SEE AD COMPLIANCE
RECORD. CLEANED AND GAPPED PLUGS. COMPRESSIONS AS FOLLOWS 1)78/80
2)78/80 3)75/80 4)70/80 5)75/80 6)68/80. DRAINED CRANKCASE AND REMOVED
FILTER, REFILLED WITH 9 QTS AEROSHELL 15W50, TORQUED AND SAFTIED NEW
CH48109-1 OIL FILTER. TEST RUN LEAK CHECK OK. I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION
PROCEDURES AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

TERRY PHILLIPS 

AP198641373IA

ROVAL TAG
CERTIFICATE

4. Organization
Kinsley Well
METER TIME
120927-33
5. Work Order/Contract/Invoice
Number
P77278
12. Status/Work
New

DATE	ED	CERTIFICATE NO. OF PERSON PERFORMING WORK
12-19-2013		CLEAN AND GAP SPARK PLUGS. COMPRESSION CHECK #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80.
TACH 5103.69		DRAIN OIL AND REMOVE OIL FILTER. REPLACE OIL WITH 12QTS
SANDH 884.16		OF 15WTS50 AND CH 48109-1 OIL FILTER. REPLACE AIR FILTER
		WITH DA-3. INSTALLED NEW ALT. BELT WITH P/N 9335.
		REPLACED MUFFLER WITH P/N K68718-00 AND RH COLLECTION
		WITH P/N K65039-00. REPLACED EXHAUST GASKETS(6).
		TEST RUN LEAK CHECK OK.
		"I certify in accordance with the inspection and was determined to be in airworthy condition"
		"I certify that this <u>ENGINE</u> has been inspected in accordance with <u>AN/ANNUAL</u> inspection and was determined to be in airworthy condition
		Noted T. Horn AOP 2644657 I.A.
4-5-2014		Tach 5113.25
		Removed #3 cylinder due to low compression
		installed new Superior cylinder Kit PN SK3600N-A20P
		Kit included new cylinder, new piston new ring set new
		valves, new springs, new keepers & new gasket set. Rings
		were gapped in accordance with superior service letter
		L04-01A cylinder was installed under FAA PMA approval
		#PQ 0060SW. Work was accomplished in accordance
		with Lycoming direct drive over haul manual 60294-7
		Rev date 12-19-74 eng serviced with 12qt Phillips 20-50K
		oil filter change tempst 48109 eng test run checked for
		operation & leaks OK J. Gunnell ACP 1441859
		note FAA approval & ring gap information added
		to aircraft paper work

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-12-2014	Lach 5138.90	changed oil & filter used phillips 20-50xc and 48109 oil filter. old filter checked OK. test ran checked for leaks OK James ASP1441859
30 Aug. 2014	Tach: 5164.02	Drained oil and removed oil filter. Serviced engine with 12 quarts of xc 20w50 oil and 48109 oil filter. Ran engine and checked for leaks. None found. Inspected old oil filter for debris, checked ok. Ed Monett A+P: Pending
10-17-2014	Lach 5188.36	Changed oil and filter used 20-50 phillips and CH 48109 filter old filter checked OK replaced all rocker arm cover gaskets replaced crank shaft seal 13792 checked #6 cyl valve operation checked collected hydraulic lifts valve clearance & cleaned and gapped all spark plugs test ran adjusted idle mixture replaced impulse coupling & mag CWAD-99-44
11-15-2014	840	EG 225-1999 Due 250hrs replaced Muffler PNK 68718-00 SN 235776
		I certify that this aircraft/engine has been inspected in accordance with 100HR/annual inspection and was determined to be in air worthy condition. James H. Connell ASP 1441859 EA 11-15-2014 Date 5188.36 Tach Hours
		checked compressor #1 80/70 #2 80/72 #3 80/71 #4 80/73 #5 80/72 #6 80/70 replaced Air cleaner B A 3 oil timing Test ran checked operation OK see attached Muffler 8130.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3-9-2015	Tach 5221.62	changed oil & filter used 20-50 phillips oil, tempest AA 48109 oil filler. old filter checked OK test run and checked for leaks OK James Connell AEP1441859
09 Mar. 2015	Tach 5221.62	Removed all six lower sparkplugs. Cleaned and reinstalled. Eil Mott A+P3531529
5-4-2015	Tach 5250.58	changed oil & filter used 20-50 phillips oil & tempest AA 48109 oil filler old filter checked OK ^{note} for 10 min checked for leaks OK James Connell AEP1441859 ^{Note} some aluminum found owner advised
7-17-2015	Tach 5250.58	Investigated eng wear and found excessive piston Pin plug wear. rods sent to aircraft eng & acc co. for rebrushing and recertification. new rod bearings installed with new redballs 75061, new rod nuts 12186, bearings 13521. installed 6 new superior cylinder assy PN SL36006N-A20P 9N's 366NE154834, 366NE154836, 366NE154840, 366NE154876 9N 366NE154878, 366NE154882. 6 new piston PINS 14078 12 new Plugs 72198. 2 new Push rods 73435. 1 new intake Dross 6 new Oil nut hoses. eng reassembled in accordance with superior instructions and Lys over haul manual 60294-7 added 12qt 20-50 phillips Non detergent type M. Test run as per superior instructions checked for leaks OK new gaskets installed and 48109 oil filler: J. Connell AEP1441859

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-1-2016		<p>tach 5295.0 smoh O removed engine 4-6-2016 for overhaul all rated parts sent to AIRCRAFT SPECIALTIES see Yellow TAGS. CRANKCASE SENT TO CRANKCASE SERVICES FOR OVERHAUL. REINSTALL engine 6-1-2016 NEW PARTS INSTALLED 6. CYLINDERS SUPERIOR SL36006N-A20P 3A 366NCI (154834)(154836)(154840)(154876)(154878)(154882) 6. ACL 14077-1 PISTON PIN 1. 73249 TRUST WASHER 1. 73250 WASHER 1. ACL 7464 OIL PUMP SHAFT 1. IMPELLER KIT SL18109A-5 1. SL 78528 OIL PUMP HOUSING 1. LW 19340 CAM SHAFT 1. MS 16685-2081 PINS 6. STD 1821 HOSES 1. STD 2209 CRANK SCREW 6. SL 11020 M003 BEARINGS 2. SL 13884-A M003 BEARINGS 12. SL 13521A Rod Bearings M003 12. SL 12186 NUT 12. SL 74644 Rod BOLT 6. SL 69603 INTAKE HOSE 1. SL 71569-1 GASKET SET 1. STD 737 1. GOVERNOR SHAFT 1. GEAR 90V 1. GEAR 90V 4. J3804-27 ENGINE MOUNTS 12. HYDRAULIC SOCKET OVERHAUL & LOCK SHAFT 12. LIFTER OVERHAUL CRANKSHAFT GROOVE 003 PINS & MAINS 2. 15F19957-35 PUSH RODS 8. 67542 BEARINGS M003 4. MAG BUSHINGS LW 12136 1. LW 15472 FUEL PUMP 1. 60096 GASKET 1. 13792 CRACK SEAL. ENGINE ASSEMBLED IN ACCORDANCE WITH LYCOMING DIRECT DRIVE MANUAL TORQUE TORQUE ENGINE MOUNTS REINSTALL MAFS & TIMED INSTALL BATTERIES & EXHAUST INSTALL & TORQUE PROP & GOVERNOR INSTALL 1286 20W50X1C INSTALL OIL FILTER TEST RUN OK NO LEAKS. The in its certificate that the engine has been installed in accordance with annual inspection and found to be in satisfactory condition. Model No. 1441857 I.A. NO AD'S Due</p>
6-3-2016		<p>tach reads 5297.5 2.5 smoh change oil & filter install radiator MAF BL-400474 LEFT MAFS 56LSC-21 PU BL 50046-2 SN 015FA320R RIGHT MAF 56LSC-204 PU 600646-1 SN. E 156A 040 R NEW TUBES & PLUGS installed stand mag test run OK Model No. 1441857 I.A.</p>
10-27-16		<p>tach 5320.92 changed oil & filter used 20-50 phillips and lompast 48108.2 oil filter, checked old filter found OK lost some checks for leaks. J. Lennell ASP 1441857</p>

5340.55

Page No. _____

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-19-2017	Lat 5340.55 SMOH 45.55	<p>I certify that this aircraft/engine has been inspected in accordance with 100HR/annual inspection and was determined to be in air worthy condition.</p> <p>James H. Connell ASP1441859 TA 5340.55 Date 6-19-2017 Tach Hours</p> <p>Changed oil & filter used 20-50 philips and 48108 temp oil filter old filter checked OK inspected muffler & stacks replaced 2 exhaust gaskets. checked compression #1 80/75 #2 80/75 #3 80/75 #4 80/75 #5 80/73 #6 80/72 cleaned & gapped spark plugs. set timing to 250 BTC replaced air cleaner BA3 test run checked for leaks OK</p>
3-11-18	Lat 5365.35 SMOH 70.60	<p>Changed oil & filter used 20-50 xc Phillips & 48108 temp oil filter old filter checked OK test run & checked for leaks OK</p> <p>James H. Connell ASP1441859</p>
7-1-2018	Lat 5365.60 SMOH 70.60	<p>I certify that this aircraft/engine has been inspected in accordance with 100HR/annual inspection and was determined to be in air worthy condition.</p> <p>James H. Connell ASP1441859 TA 7-1-2018 Date 5365.60 Tach Hours SMOH 70.60</p> <p>Cleaned & gapped spark plugs. checked compression #1 80/76 #2 80/78 #3 80/76 #4 80/75 #5 80/74 #6 80/75 checked exhaust stacks & muffler OK changed oil filter temp 48108 old filter checked OK replaced BA3 air cleaner. set timing. replaced boat to auctioner 486-389 test run checked for leaks OK 20-50 xc philips</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-10-19	Tach 5386.19	SMOH 91.19
		changed oil & filter used
		20-50 Phillips 48108 filter
		old filter checked & OK added
		1 pint oil guard checked
		compressor #1 80/76 #2 80/74
		#3 80/72 #4 80/77 #5 80/76 #
		#6 80/78 checked timing OK
		cleaned & gapped sparkplugs
		installed Reif oil pump heater checked heater for operation OK
		checked muffler OK installed new BA3 anchor Test ran
		and checked for leaks Stand operation OK
8-18-20	Tach 5387.4	SMOH 92.4
		Comp 1 77/80 2 77/80 3 77/80 4 77/80 5 75/80 6 78/80
		change oil & filter & metal clean & gap spark plugs
		hand pump install 12gto 20W5071C 1-48108-2
		filter 1 pint oil guard inspect exhaust & engine
		mount inspect alternator change air element
		wash engine Test Ran OK
		I certify that this engine has been inspected in
		accordance with annual inspection and
		found to be airworthy Michael J. P 3001397 IA
		A78 AD'S Out

5386.19

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-13-21	5395.6	<p>SMOH 100.6</p> <p>Comp 178/80 278/80 378/80 478/80 578/80 678/80</p> <p>change oil + filter no metal clean + gap</p> <p>spark plugs tighten Rocker covers</p> <p>turn mag 25° inspect exhaust and</p> <p>engine mount replace air filter BP3</p> <p>install 12qt 2050XC 148108-2 filter</p> <p>1st conquest Wash engine test</p> <p>Run OK</p> <p>I certify that this engine has been inspected</p> <p>in accordance with annual inspection</p> <p>and found to be Airworthy Mike Wood</p> <p>NO AD's due</p> <p>AP3960399 IA</p>

10/11/23 Tach 5415.18

OIL & FILTER Changed. Phillips X-C added

CH48108 Filter. Replaced right front

Cowl bushing.

Wayne A. Hume

AP2003771 IA

TOP FLIGHT AVIATION MAINTENANCE 843-408-9555

01/04/2023

N5529J PA32-260 S/N 32990 TACH 5429.88

LYCOMING O-540-E4B5 S/N L-12663-40. TSMOH 134.88

C/W annual inspection IAW piper service manual and 43-13.

Ground ran engine and checked all parameters, checked good. Drained hot oil and removed

48108 filter, cut open filter and inspected, checked good. Installed new Tempest AA48108-2

and saftied. Serviced with 12 quarts of Phillips 20W-50. Performed hot

compression check,

#1 75/80 #2 75/80 #3 78/80 #4 75/80 #5 78/80 #6 78/80. Tested all plugs and

found infinite resistance, installed all new Tempest UREM38E plugs with

new gaskets. Tightened loose hose clamps for oil drain back tubes. Ground


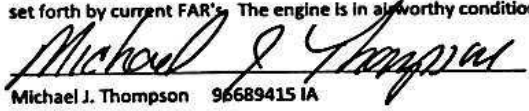


run ops and leak check good. I certify this engine was inspected IAW an

ANNUAL inspection and was found to be in an airworthy condition.



Terence Wray

AP2702874

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			
		EAGLE POINT AVIATION LLC 156 Howard Woltz Jr. Way Mount Airy, NC 27030			
		N5529J Piper Engine: Lycoming Date: 2/16/2024	PA-32-260 O-540-E485 Tach: 5514.37	S/N: 32-990 S/N L-12663-40 TTAF: 5514.37	Total time: 5514.37 SMOH: 219.37
<p>Completed Annual Inspection referencing locally generated guide per CFR Part 43 Appendix D.</p> <p>Performed compression check: #1 78/80 #2 76/80 #3 74/80 #4 78/80 #5 78/80 #6 78/80.</p> <p>Checked Magneto timing, found within limits, referencing Lycoming O-540 overhaul manual section 4.</p> <p>Cleaned, gapped and tested spark plugs, referencing Champion Service Manual V6-R</p> <p>Cleaned oil suction screen, no defects found, torque and safetied, no leaks found.</p> <p>Drained oil and sampled cut open and inspected filter, no abnormalities found. Installed new AA48108 filter, torqued and safetied.</p> <p>Serviced with 11 qts. Aeroshell W100+. Ground ran engine, no leaks found.</p> <p>Adjusted idle mixture 1/2 turn rich</p> <p>Installed new sleeve and nut for #3 primer line, ops checked good.</p> <p>Tightened #3 oil return elbow and B nut.</p> <p>Removed prop, installed new crankshaft seal P/N SL13792, installed prop, torqued and safetied. Ground ran engine no leaks found.</p> <p>Safetied oil pressure cap</p>					
<p>The engine identified above was inspected in accordance with ANNUAL INSPECTION utilizing locally generated guide per CFR Part 43 Appendix D, current manufacturer's technical data and current Federal Aviation Regulations. Parts replaced or repaired meet standards set forth by current FAR's. The engine is in airworthy condition and is therefore approved for return to service. Work order 309 on file.</p>					
 Michael J. Thompson 96689415 IA					
		EAGLE POINT AVIATION LLC 156 Howard Woltz Jr. Way Mount Airy, NC 27030			
		N5529J Piper Date: 2/16/2024	PA-32-260 Tach: 5514.37	S/N: 32-990 TTAF: 5514.37	
<p>Completed Annual Inspection referencing locally generated guide per CFR Part 43 Appendix D.</p> <p>AD's researched through 2/16/2024. Complied with AD's:</p> <p>2020-26-16 (2/16/2021) Wing Spar Bolt Holes AD complied with on 3/24/2023 5451.8 TTAF by eddy current inspection by Signature TechnicAir no defects found</p> <p>2020-24-05 (12/28/2020) Wing Root Corrosion AD complied with on 11/13/2021 wing root corrosion inspection by visual inspection of left and right main wing spars for corrosion per paragraph (g)(iv). No defects found, due again at 11/2028</p> <p>2013-02-13 (3/11/2013) Elevator Cable Turnbuckles AD complied with on 08/10/2019 5386.19 TTAF by visual inspection of stabilator control system in accordance with MSB 1245A 1-10, no defects found. Due again 8/2026 or 7386.19 total time.</p> <p>2005-12-06 (7/19/2005) Impulse Coupling AD complied with on 06/01/2016 5295.0 TTAF by installation of new mags, inspection due at 5795.0.0 TTAF</p> <p>78-23-01 (9/22/2022) Fuel Drain Door Cover AD complied with by visual inspection of fuel drain door, no defects found. Due again at 5614.37 TTAF</p> <p>77-12-01 (06/10/1977) Fuel System AD complied with by inspection per par (a)(1-6). Due again at 5564.37 TTAF</p> <p>76-07-12R1 (9/22/2022) Ignition switch AD complied with by visual and functional check of ignition switch, no defects found. Due again at 5614.37 TTAF</p> <p>75-24-02 (11/21/1975) Seat Retention AD complied with by Seat Retention check per AD and SB763. Due again 2/2025 or 5614.37 TTAF</p> <p>Aircraft records current</p> <p>Electrical check - no defects</p> <p>Complied with 14CFR 91.207 (d) 1-4 by visual and functional check of g-switch and ELT, no defects found. Elt battery replacement due 3/2031.</p> <p>Removed, cleaned and inspected fuel strainer screen, no defects found. Reinstalled and safetied. Ops checked, no leaks found.</p> <p>referencing Piper PA-32-260 Service Manual section 2 and 8.</p> <p>Serviced Battery, No defects found</p> <p>Lubricated aircraft referencing Piper PA-32-260 Service Manual section 2</p> <p>Measured Flight controls, found within limits, referencing Piper PA-32-260 Service Manual section 5</p> <p>Measured control cables, found within limits, referencing Piper PA-32-260 Service Manual section 5.</p> <p>Removed wheels and brakes, cleaned, inspected and greased bearings. Installed calipers and wheel assemblies torqued and safetied, inflated tires to recommended psl. Work done referencing Piper PA-32-260 Service Manual section 6.</p> <p>Installed new air filter P/N BA3</p> <p>Installed new EGT probe P/N 1280 on #6 cylinder, ops checked good.</p> <p>Secured muffler shroud to muffler.</p> <p>Reattached front right engine baffle and seal.</p> <p>Sealed engine baffle gaps with silicone</p> <p>Installed heat bands under clamps on cylinders #5, #2 and #6</p> <p>Installed new Curtis drain valves on left and right tip tanks and right main tank.</p>					
<p>The aircraft identified above was inspected in accordance with ANNUAL INSPECTION utilizing locally generated guide per CFR Part 43 Appendix D, current manufacturer's technical data and current Federal Aviation Regulations. Parts replaced or repaired meet standards set forth by current FAR's. The aircraft is in airworthy condition and is therefore approved for return to service. Work order 309 on file.</p>					
 Michael J. Thompson 96689415 IA					

DATE

REG. NO.	N5529J
MAKE	LYCOMING
MODEL	O-540-E4B5
S/N	L-12663-40

MIDWEST AERO INC.
I.V. REGIONAL AIRPORT
P.O.BOX 451
PERU, IL 61354

DATE	03/13/25
TACH	5577.5
ENG. T.T	5577.5
SMOH	282.5

IRK

DRAINED OIL, C/W SB 480E, INSPECTED AND REPLACED FILTER, INSPECTED AND CLEANED SCREEN, SERVICED SYSTEM WITH AEROSHELL W100 PLUS - CHECKED COMPRESSION #1 - 76/80 #2 - 73/80 #3 - 75/80 #4 - 77/80 #5 - 78/80 #6 - 72/80 - CLEANED, GAP, TESTED, AND ROTATED SPARK PLUGS - CHECKED MAG TIMING - REMOVED AND REPLACED CRANK SHAFT SEAL (P/N LW-13792) - REPLACED ALTERNATOR BELT (P/N MC73965-015) - C/W AD 2015-19-07 BY INSPECTING FUEL INJECTION LINES IAW SB 342G, NEXT DUE AT 5677.5 TACH OR NEXT SYSTEM MAINTENANCE - GROUND RUN AND LEAK CHECK GOOD

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

DAVID L. HRASCH

David L. Hrasch

A&P 348601527 IA