

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
MFG. Laramie
Serial No. L-12663-40

DATED 15 JAN. 03
MODEL 0-540-E4BS
Time in svc. _____

TELEDYNE MATTITUCK SERVICES, INC.

FAA REPAIR STATION # T10R507Y
AIRWAY DRIVE, MATTITUCK NY 11953

Authorized Signature

Das cyl. Ass'y's. 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:

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
R.H. mag	6350	01500618	N
L.H. mag	6355	01070847	N
L.H. Mag	Benchf BL500516-2	SN 015FA390 R	
R.H. mag	" BL600646-1	SN E15GA040 R	



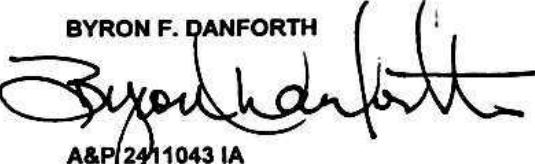
TELEDYNE MATTITUCK SERVICES, INC.

FAA REPAIR STATION T10R507Y

W.O. NO 30443 DATE 15 JUN 03

Authorized Signature

Michael P. Russell

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 Hardy AF 252193
<p>KEYSON AIRWAYS INC. 117 PERIMETER ROAD NASHUA, NH 03063 (603) 598-4526</p> <p>MARCH 12, 2003 TACH-4219.53 TTAF-4219.53 TSMOH-0.0 HOBBS-NONE</p> <p>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 DATED 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.</p> <p>BYRON F. DANFORTH  A&P 2411043 IA</p> <p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> <p>Page 1 of 1</p> <p>DATE: 5/31/03 N#: 5529J TACH: 4238.28 18,75</p> <p>Changed oil and filter. Inspected old filter element and found satisfactory. Serviced engine with 10 qts of Aeroshell 100 SAE 50wt ashless dispersant oil. Completed Millenium 25hr engine inspection. Washed engine and cowl. Run-up leak check satisfactory. -END-</p> <p></p> <p>Anthony Quindazzi A&P 3546063</p>		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
		<p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> <p>50 hr JK</p>		
		Page 1 of 1 DATE: 08-10-03	N#: N5529J	TACH: 4286.05
				SMOH 66.52
		<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> <p><i>Ed Lord</i> ED LORD A&P1600539</p>		
		<p>Keyson Airways Inc. 117 Perimeter Road Nashua, NH 03063 (603) 598-4526</p> <p>Page 1 of 1 DATE: 5/31/03</p> <p>N#: 5529J</p> <p>TACH: 4238.28</p> <p>Airframe Log Entry</p> <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> <p><i>Anthony Quindazzi</i> Anthony Quindazzi A&P 3546063</p>		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/18/03	SMOH 123.96	<p><i>*Switch to Elite*</i></p> <p>Date: 11/18/03, Tach. 4343.49</p> <p>I certify that this aircraft has been maintained in accordance with a Annual inspection was determined to be in airworthy condition.</p> <p>By: <i>John Franklin</i>, A&P 53508523 (IA)</p>
		<p>1) Comp 76/80 74/80 74/80 74/80 76/80 75/80</p> <p>2) Changed oil & filter - Cleaned Suction Screen</p> <p>100% oil sample & gave it to owner, Serviced</p> <p>11Q4 20W50W oil Exxon Elite</p> <p>3) Installed new Air filter Element</p> <p>4) Tightened AT. Belt.</p> <p>5) Tightened all Intake Bolts & hose clamps.</p> <p>6) Repaired Carb heat cable attachment to Airbox</p> <p><i>— End —</i></p>
4/16/04	Tach. 4387.18	<p>167,655 MTH</p> <p>Changed oil & filter - Serviced</p> <p>11Q4 Exxon Elite oil 20W50W -</p> <p><i>John Franklin</i></p> <p>IA56408523</p>
8/10/04	Tach 4439.26	<p>219,735 MTH</p> <p>Draimed oil and serviced with 10Q5 Exxon Elite oil. Checked filter for contamination. Eng. starts ground runs all functions satisfactory.</p> <p><i>John Franklin</i></p> <p>NORTH ATLANTIC AIR, INC. FAA APPROVED REPAIR STATION #C-00001 SIGNATURE <i>John Franklin</i></p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Date: _____</p> <p>I certify that this aircraft has been inspected in accordance with a <u>100 Hr. Inspection</u> and was determined to be in airworthy condition.</p> <p>By: <u>Richard M. Bellin</u>, A&P 56108525 (PA)</p> <p><i>SMU17 242.71</i></p> <p>Date: <u>12/17/04</u>, Tech. <u>4462.24</u> Hrs.</p> <p>I certify that this aircraft has been inspected in accordance with a <u>Annual Inspection</u> and was determined to be in airworthy condition.</p> <p>By: <u>Richard M. Bellin</u>, A&P 56108525 (PA)</p> <p>1) Comp. 74¹/₈₀ 74²/₈₀ 75³/₈₀ 74⁴/₈₀ 75⁵/₈₀ 76⁶/₈₀</p> <p>2) Changed oil & filter, cleaned suction screen, tank oil sample & sent in, Serviced 10 Qts 20W 50W Exxon oil / E10</p> <p>3) Installed new Breather Airfilter Element</p> <p>4) Installed NEW Intake Gasket #3 cyl.</p> <p>5) Tightened all valve cover screws -</p> <p style="text-align: center;">Ende</p>

AIRCRAFT LOG

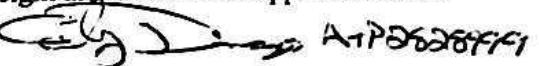
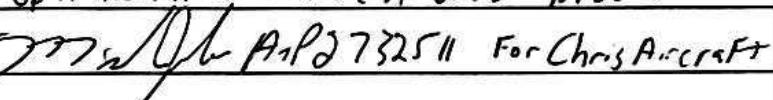
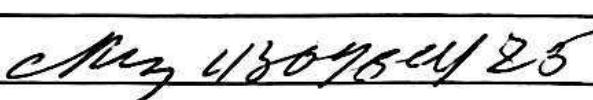
DATE 1-3-05MODEL PA 32-260Signature Richard M. BellinW.O. # 9648S/N 32-990Work Order # 9648Date 1-3-05TACH 4462.64REG N5529JKeyson Airways Corporation
FAA Certified Repair Station KNMR361S Form #8TIT N/A

LOG BOOK ATTACHMENT:

Replaced REIAA 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. Bellin

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		Chris Aircraft Middletown RI 401-846-4550 2/7/05 TACH 4463.6 N5529J Replaced starter with new from Magnaflight p/n mz-6222 s/n EO93835. No change to weight and balance. All opps checks o.k.  APD028775
2/16/05	4463.6	Removed Left Mag and sent to Tridyne Mattituck SVCS. Reinstalled Mag with supplied hardware after AD 99-04-04 (imp. coup.) Coupled with and points and carbon brush. Mag PN 6355 SN 01010847. WO 60101. All work IAW Lycoming manual. All operational and leak checks proved to be satisfactory.  For Chris Aircraft
2/25/05		N5529J PA 32-260 SN. 32-990 Tach 4568.7 Removed Starter PN. MZ-6222 SN. EO93835 and Installed pn MZ-6222 SNF032689 checked operation OK. 
3/12/05	4598.5	changed oil & filter serviced with w/100 oil. cw oil sample kit. replaced Doctorator P/N 28429972 s/n E102363. SB 566 C sank short Replacement Does not apply Due to P/N 48516
		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12-30-05	Tach 4675	Changed oil service with 11 qts AeroShell 15/50 and ch48109
AD 99-04-04 15		Filter ran by checked for leaks OR removed and replaced L H mag.
Due at 4925 Tach.		With Factory New Slick model 6355 SN. 04111976 Ran Eng. checked operation and for leaks <u>OK</u> <u>John L. J.A. 037341529</u>

Chris Aircraft Newport Airport Middletown RI 02842 401-846-4550

1-12-06 N5529J PA-32-260 SN 32990 LYCOMING 0-540E4C5 SN L-12663-42 TACH AND TTENG. 46813 TSMOH 461.8. RAN ENG CHECKED FOR LEAKS CLEANED ENG CLEANED AND GAPPED SPARK PLUGS. CHECKED COMPRESSION: #1 77 #2 76 #3 74 #4 76 #5 76 #6 76 / 80 CHECKED FUEL SYSTEM DRAINED SUMPS CLEANE CARB SCREEN. CHECKED ALTERNATOR AND STARTER. CHECKED MAGNETOS AND TIMING CHECKED PROP FOR LEAKS AND GREASED AS NEEDED. FUNCTIONALLY CHECKED ENGINE, AND CHECKED FOR LEAKS.
AD 05-26-10 ON Eci CYLS. DNA TO SUPERIOR MILLENNIUM CYLS. INSTALLED ON THIS ENG NO FUTHER ACTION REQUIRED. REPLACED RH SIDE OF ENG EXHUST RISER ASSY. WITH NEW K65038 RISER ASSY. AND ALL EXHAUST GASKETS PN 77611 EXH RISER SN 142780. AD 05-19-11 DNA TO CRANK SHAFT PN: 48516 INSTALLED IN THIS ENGIN PER SB 566 NO FUTHER ACTION REQUIRED.

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

1-12-06 TACH 46813 LOUIS FRANCIS Jr. IA 037341529

John L. J.A. 037341529

25 MAR 06

25 MAR 06	4691.3	REMOVED ENGINE (SEE TELEDRYNE MATTITUCK SERVICES W.O. #31849) IAW PIPER MM. SERVICED WITH 12 QTS MINERAL OIL, GND RUN, LEAK CHECK SATISFACTORILY. <u>Edward Clausen AP36462575</u>

MAKE LYCOMING MODEL 0-540-E4C5 SERIAL No./N No. L-12663-40

TOTAL TIME	TACH READING	DATE
		22 MAR 06
THIS ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. <u>1/16 AD # 2004-05-24</u> CRANKSHAFT GEAR BOLT. <u>1/16 AD # 2004-10-14</u> INSP & REWORK 1/16 SB 475C, BOLT TORQUED TO 204" # LOCKTAB BENT IN PLACE. THIS ENGINE TEST CELL RUN OK THIS DATE AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED. THIS ENGINE IS NOW APPROVED FOR RETURN TO SERVICE.		

TELEDYNE MATTITUCK SERVICES, INC.

FAA Repair Station T10R507Y

W.O. No. 31849



Authorized Signature

John L. J.A. 037341529

Chris Aircraft Newport Airport Middletown RI 02842. 401-846-4550

2-22-07 / TACH : 4837.3 N5529J PIPER MODEL PA32-260 / SN : 32-990 TTAFF : 4837.3. ENGINE : LYCOMING MODEL O-540-E4C5 / SN : L-12663-40 TT ENG. : 4837.2 TSMOH : 617.8. PROPELLER : HARTZELL MODEL HA-C2YK-1BF / SN : CH29004 TSMOH : 617.8

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.

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.

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

7-12-07 2900.0 Ran Engine and drained oil. Took oil sample. Installed
new oil filter CH48109-1. Seaweed Engine w/10 Qts of W-100 dur
Ran Engine and no leaks found

John A. Johnson.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-26-07	4935.4	Installed our HVAC Alternator from Modified A/C Accessories P/N 2642997 S/N 50% All opps Checks Fine
		<i>Clyde Young and 39988599</i>

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

Edward Clason AP36462575

9/21/09 N5529J PA32-260 SN 32-990
ENGINE 0540-E485 SN 12663-40

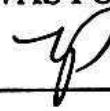
ANNUAL inspection is completed this time & date.
CHANGE OIL & FILTER, CUT FILTER IN SPARK GOOD.
COMPRESSION ON THIS 1^{7/8} 2^{7/8} 3^{7/8} 4^{7/8} 5^{7/8} 6^{7/8}
REPLACED ALL LOWER SPARK PLUGS WITH UREM 40E -
CLEAN & GAPPED TOP PLUGS. RUN UP SPARK GOOD NO
LEAKS.

Teach Time 4990:94 Total Time

100/Annual Inspection is completed this time and date. I certify
this ENGINE has been inspected per Annual checklist
requirements and is found to be in airworthy condition.

Bill G. White

Phil G. Tarbett A&P16492581A

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED																									
		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																									
N5529J	2-12-10	TACH TIME 5009.33	ENGINE TIME SMOH 789.8																								
<p>REMOVED CARBURETOR MA4-5, PN# 10-4404 SN# R-5-386 FOR OVERHAUL. CARBURETOR OVERHAULED BY AIRCRAFT FUEL SPECIALISTS. CARBURETOR MA4-5, PN# 10-4404 SN# R-5-386 REINSTALLED AS PER CESSNA SERVICE MANUAL WITH NEW GASKETS, TORQUED AND SAFTIED. REINSTALLED CARB HEAT BOX WITH NEW GASKET AND NEW CARB HEAT HOSE ELBOW. TEST RUN – SET IDLE SPEED AND IDLE MIXTURE AS PER CESSNA SERVICE MANUAL. STATIC RPM ACHIEVED. TEST FLIGHT PERFORMED. RETURN TO SERVICE FOR WORK PERFORMED.</p>																											
TERRY PHILLIPS		 AP198641373IA																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding: 5px;">TerryLee Bell</td> </tr> <tr> <td style="width: 15%;">Name</td> <td></td> </tr> <tr> <td>Date</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">2012</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">Signature</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;"></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">Certificate Number</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">20126</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">for the work performed.</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">The aircraft component(s) identified above was repaired and/or inspected IAV</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">regulations of the Federal Aviation Administration and is (are) approved for re</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px;">return to service.</td> </tr> </table>				TerryLee Bell		Name		Date		2012		Signature				Certificate Number		20126		for the work performed.		The aircraft component(s) identified above was repaired and/or inspected IAV		regulations of the Federal Aviation Administration and is (are) approved for re		return to service.	
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N5529J	10-15-10	TACH TIME 5038.57	ENGINE TIME SMOH 819.04																								
<p>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)72/80 2)74/80 3)76/80 4)76/80 5)68/80 6)76/80. 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.</p>																											
TERRY PHILLIPS		 AP198641373IA																									

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

DATE	TIME	120927-33 AND 11/11/13	ED
3. WORK CERTIFICATE NO. OF PERSON PERFORMING WORK			
12-19-2013	CLEAN AND CAP SPARK PLUGS. COMPRESSION CHECK #1 7/8" #2 7/8" #3 7/8" #4 7/8" #5 7/8" #6 7/8".		
TAC# 5103.69	DRAIN OIL AND REMOVE OIL FILTER. REPLACE OIL WITH 12 OZS OF 15WT50 AND CH48105-1 OIL FILTER. REPLACE AIR FILTER WITH DA-3. INSTALLED NEW ALT. BELT WITH P/N 9335.		
SANOH 884.16	REPLACED MUFFLER WITH P/N K68718-00 AND RH COLLECTOR WITH P/N K65039-00. REPLACED EXHUST CASHERS(6). TEST RUN LEAK CHECK OK.		
<p>"I certify that this <u>ENGINE</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition"</p> <p><i>Attest. T. Hause</i> A&P 2654657 I.A.</p>			
4-5-2014	lach 5113.25	<p>Removed #3 cylinder due to low compression installed Superior cylinder Kit P/N SL3600N-A20P Kit included new cylinder, new piston new ring set new valves, new spings, new keepers & new gasket set. rings were gaged in accordance with superior service letter L04-01A cylinder was installed under FAA PM9 approval #PQ 0060SW. Work was accomplished in accordance with Lycoming direct drive over haul manual CO2947 Re date 12-19-74 eng serviced with 12qt Phillips 20-50K oil filter change tempest 48109 eng test run checked for operation & leaks OK J Formul ACP 1441859 with FAA approval & ring gap information added to aircraft paper work</p>	

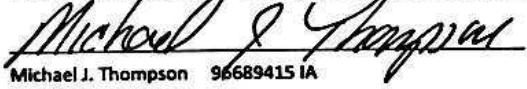
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-12-2014	Tach 5138.90	changed oil & filter used phillips 20-50 xc and 48109 oil filter. old filter checked OK. test ran checked for leaks OK J. Connell AEP1441859
30 Aug. 2014	Tach: 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	Tach 5188.36	
11-15-2014 84C		Changed oil and filter used 20-50 phillips and CH 48109 filter old filter checked OK Replaced oil filter arm cover gaskets Replaced crank shaft seal 13792. checked # 6 cyl valve operation checked collapsed hydraulic lift valve clearance of cleaned and gapped all spark plugs test ran adjusted idle mixture replaced impulse coupling & H mag CWAID-99-44
	EGF 2-25-1999 Due 250hrs	I certify that this aircraft/engine has been inspected in accordance with 100HR/annual inspection and was determined to be in air worthy condition.
	replaced Muffler	James H. Connell AEP1441859 CA James H. Connell
	PNK 68718.00	11-15-2014 Date
	SN 235776	5188.36 Tach Hours
		checked compression #1 8 1/4 #2 8 1/2 #3 8 1/1 #4 8 1/3 #5 8 1/2 #6 8 1/0 replaced air cleaner B4 3
		set 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 48/109 oil filler. old filter checked OK test ran and checked for leaks OK James Connell AEP1441859
09 Mar. 2015	Tach 5221.62	Removed all six lower sparkplugs. Cleaned and reinstalled. Eng Month fl+P 3531529
5-4-2015	Tach 5250.58	Changed oil & filter used 20-50 phillips oil & tempest AA 48/109 oil filler old filter checked OK ^{note} test ran 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 refurbishing and recertification. new rod bearings installed with new rod bolts 75061, new rod nuts 12186, bearings 13521. installed 6 new Superior cylinders assy PN SL36006N-A20 P gns 366NE154834, 366NE154836, 366NF154840, 366NF154876 sn 366NF154878, 366NF154882. 6 new piston P. ns 14078 12 new Plugs 72198. 2 new Push rods 73435. Final engine show 6 new Oil ret holes. eng reassembled in accordance with Superior instructions and Lycoming over heat manual 60294-7 adder 12gt 20-50 phillips Non digestible type M. Test ran as per superior instructions checked for leaks OK new gaskets installed and 48/109 oil filler.
		James Connell AEP1441859

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-1-2016		<p>6-1-2016 tach 5295.0 smoh 0 removed engine 4-6-2016 for overhaul all steel parts sent to AIRCRAFT SPECIALTIES see yellow TAGS. CRANKCASE SENT TO CRANKCASE SERVICES</p> <p>Followed. Reinstall engine 6-1-2016</p> <p>New parts installed 6. CYLINDERS SUPERIOR SL36006N-A20P SN 366NEI (154834)(154836)(154840)(154876)(154878)(154882)</p> <p>6. Acl 14077-1 PISTON PIN 1.73249 TRUST WASHER 1.73250 WASHER</p> <p>1. Acl 74641 OIL PUMP SHAFT 1. IMPELLER KIT SL18109A-5</p> <p>1. SL 78528 O.L PUMP HOUSING 1. LW 19340 CAMSHAFT 1. MS 16685-2081 PIN</p> <p>6. STD 1821 HOSES 1. STD 2209 ERADOK SCREW 6. SL 11020 M003 BEARINGS</p> <p>2. SL 13884-A M003 BEARING 12. SL 13521-A ROD BEARING M003 12. SL 12186 OIL</p> <p>12. SL 74644 ROD BOLT 6. SL 69603 INTAKE HOSE 1. SL 71569-1 GASKET SET</p> <p>1. STD 737 1. GOVERNOR SHAFT 1. GEAR GOV 1 GEAR GOV 4. J3804-27 ENGINE MOUNTS 12. HYDRAULIC SOCKET OVERHAUL 6. TACK SHAFT 12. LIFTER OVERHAUL CRANKSHAFT GROUP 003 RODS & MAINS 2. 15F19957-35 PUSH RODS 8. 67542 BEARINGS MNGS 4. MAG BUSHINGS LW12136 1. LW15472 FUEL PUMP 1. 60096 GASKET 1. 13772 CRACK SEAL. ENGINE ASSEMBLED IN ACCORDANCE WITH LYCOMING DIRECT DRIVE MANUAL 1. TORQUE ENGINE MOUNTS REINSTALL MNGS & TIMED INSTALL BATTLES & EXHAUST INSTALL & TORQUE MOP & GOVERNOR INSTALL 128620050XK INSTALL OIL FILTER TEST PAN OK NOW LEAKS. This is to certify that the engine has been repaired in accordance with annual inspection and found to be in a ready condition. Mabalal 1443104571A NO AD's Due</p>
6-3-2016		<p>6-3-2016 tach 5297.5 2.5 smoh change oil filter</p> <p>initially installed BL-400474 LEFT MNG SL65C-21 PN BL500316-2 SN D15FA326R right mng SL65C-204 PN 6000646-1 SN. E1569040 R NEW MNGS + PLUGS INSTALLED TEST MNG</p> <p>test pan OK initial flow RTF 5404799 TA</p>
10-27-16		<p>10-27-16 tach 5320.92</p> <p>changed oil & filter used 20-50 phillips and longest 48108.2 oil filter, checked oil filter found OK</p> <p>test new filter for leaks. J. Lennille ASD1441859</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-19-2017	6hr 5340.55 SMOH 45.55	I certify that this aircraft/engine has been inspected in accordance with 100H/annual inspection and was determined to be in air worthy condition. ASR1441859 JA James H. Connell 5340.55 Date 6-19-2017 Tach Hours
		Changed oil & filter used 20-50 Phillips and 48108 tempst oil filter old filter checked OK inspected muffler & stacks replaced 2 exhaust gaskets. checked compression #180/75 #2 80/75 #3 80/75 #4 80/75 #5 80/73 #6 80/72 cleaned & gapped spark plugs. set timing to 25° BTCA replaced air cleaner BA3 test ran checked for leaks OK
3-11-18	6hr 5365.35 SMOH 70.60	Changed oil & filter used 20-50 XC Phillips & 48108 tempst oil filter old filter checked OK test ran & checked for leaks OK Connell ASR1441859
7-1-2018	6hr 5365.60 SMOH 70.60	I certify that this aircraft/engine has been inspected in accordance with 100H/annual inspection and was determined to be in air worthy condition. ASR1441859 JA James H. Connell 7-1-2018 Date 5365.60 Tach Hours SMOH 70.60
		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 in tempst 48108 old filter checked OK replaced BA3 air cleaner. set timing. Replaced boat to auctioneer 486-389 test ran checked for leaks OK 20-50 XC Phillips

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-13-21	5395.6	<p>5moh 100.6</p> <p>Comp 1⁷/₈ 2⁷/₈ 3⁷/₈ 4⁷/₈ 5⁷/₈ 6⁷/₈</p> <p>change oil & filter no metal clear & good</p> <p>spark plugs tighten rocker covers</p> <p>time mag 25° input exhaust and</p> <p>engine mount replace air filter BP3</p> <p>install 12 qt 20W50 XC 148108-2 filter</p> <p>input cam gear Wash engine test</p> <p>Run OK</p> <p>I certify that this engine has been inspected in accordance with annual inspection and found to be airworthy airworthy 100 P.D's due</p> <p>44P38603991A</p>
10/11/23	Tach 5415.18	<p>OIL & FILTER changed. Phillips X-C added</p> <p>CH48108 Filter. Replaced right front</p> <p>Cowl bushing.</p> <p>Wayne Atton</p> <p>A&P 2003771 IA</p>
		<p>TOP FLIGHT AVIATION MAINTENANCE 843-408-9555</p>
		<p>N5529J PA32-260 S/N 32990 TACH 5429.88 LYCOMING O-540-E4B5 S/N L-12663-40. TSMOH 134.88</p> <p>01/04/2023</p> <p>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.</p> <p>Terence Wray</p> <p>AP2702874</p>
		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED				
		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK				
		EAGLE POINT AVIATION LLC 256 Howard Woltz Jr. Way Mount Airy, NC 27030				
		N5529J Piper Engine: Lycoming Date: 2/16/2024	PA-32-260 O-540-E4B5 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. Performed compression check: #1 78/80 #2 76/80 #3 74/80 #4 78/80 #5 78/80 #6 78/80. Checked Magneto timing, found within limits, referencing Lycoming O-540 overhaul manual section 4. Cleaned, gapped and tested spark plugs, referencing Champion Service Manual V6-R Cleaned oil suction screen, no defects found, torque and safetied, no leaks found. Drained oil and sampled cut open and Inspected filter, no abnormalities found. Installed new AA48108 filter, torqued and safetied. Serviced with 11 qts. Aeroshell W100+. Ground ran engine, no leaks found. Adjusted idle mixture X turn rich Installed new sleeve and nut for #3 primer line, ops checked good. Tightened #3 oil return elbow and B nut. Removed prop, installed new crankshaft seal P/N SL13792, installed prop, torqued and safetied. Ground ran engine no leaks found. 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> <p> Michael J. Thompson 96689415 IA</p>						
		EAGLE POINT AVIATION LLC 256 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. AD's researched through 2/16/2024. Compiled with AD's:</p> <p>2020-26-16 (2/16/2021) Wing Spar Bolt Holes AD compiled with on 3/24/2023 5451.8 TTAF by eddy current Inspection by Signature TechnicAir no defects found 2020-24-05 (12/28/2020) Wing Root Corrosion AD compiled 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 2013-02-13 (3/11/2013) Elevator Cable Turnbuckles AD compiled 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. 2005-12-06 (7/19/2005) Impulse Coupling AD compiled with on 06/01/2016 5295.0 TTAF by installation of new mags, inspection due at 5795.0.0 TTAF 78-23-01 (9/22/2022) Fuel Drain Door Cover AD compiled with by visual inspection of fuel drain door, no defects found. Due again at 5614.37 TTAF 77-12-01 (06/10/1977) Fuel System AD compiled with by inspection per par (a)(1-6). Due again at 5564.37 TTAF 76-07-12R1 (9/22/2022) Ignition switch AD compiled with by visual and functional check of ignition switch, no defects found. Due again at 5614.37 TTAF 75-24-02 (11/21/1975) Seat Retention AD compiled with by Seat Retention check per AD and SB763. Due again 2/2025 or 5614.37 TTAF</p> <p>Aircraft records current Electrical check – no defects Compiled 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. Removed, cleaned and Inspected fuel strainer screen, no defects found. Reinstalled and safetied. Ops checked, no leaks found. referencing Piper PA-32-260 Service Manual section 2 and 8.</p> <p>Serviced Battery, No defects found Lubricated aircraft referencing Piper PA-32-260 Service Manual section 2 Measured Flight controls, found within limits, referencing Piper PA-32-260 Service Manual section 5 Measured control cables, found within limits, referencing Piper PA-32-260 Service Manual section 5. Removed wheels and brakes, cleaned, Inspected and greased bearings. Installed calipers and wheel assemblies torqued and safetied, Inflated tires to recommended psi. Work done referencing Piper PA-32-260 Service Manual section 6. Installed new air filer P/N BA3 Installed new EGT probe P/N 1280 on #6 cylinder, ops checked good. Secured muffler shroud to muffler. Reattached front right engine baffle and seal. Sealed engine baffle gaps with silicone Installed heat bands under clamps on cylinders #5, #2 and #6 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> <p> Michael J. Thompson 96689415 IA</p>						

