

MAINTENANCE RELEASE

Paper PA-32-360, S/N: 32-7949061
Registration N2202U

December 15, 2014

Installed OHC From Compressor P/N: F209R-16764 S/N: SA2676, New Hose Assembly Discharge Side Compressor to firewall. Serviced Air conditioning System with 2 lbs. of 416A. System tested on run-up with no faults noted. Installed two new LED Lamps P/N: 01-0771833-10 in wingtips as direct replacement for existing lamps. Changed Oil and Oil filter using 12 quarts Phillips 100AW oil and 1 Champion CH48110 filter. Washed down engine and leak checked upon run-up with no faults noted. Installed new fuel boost switch and customer supplied master switch. Installed new sealed ship's battery P/N: RG35AXC. Installed new mechanical fuel pump P/N: 62826931. Installed new E.L.T. Battery P/N: BP1026 Battery next due September 2017.

In reference only to the work performed, listed above aircraft is returned to service.

TACHOMETER: 3144.39

[Signature]

Cris Ehlman
A. & P. 3425612
Executive Service Centre, Inc.
1805 NW 51st Place, Hamer 10
Ft. Lauderdale, FL 33309-3862
Phone: (954) 938-7999
Fax: (954) 776-7999

ENGINE LOG

Serial No. *14-2004-486*

K. H. BERT

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
<i>July 22 2015</i>	<i>12</i>	<i>00</i>	<i>Checked oil level, checked oil pressure, cleaned up engine, changed oil and filter, checked air filter, checked spark plugs, checked timing, checked valve clearance, checked belt tension, checked alternator, checked battery, checked lights, checked brakes, checked tires, checked landing gear, checked fuel system, checked cooling system, checked exhaust system, checked engine mounts, checked engine oil, checked engine filter, checked engine hoses, checked engine belts, checked engine pulleys, checked engine bearings, checked engine valves, checked engine pistons, checked engine rings, checked engine rods, checked engine crankshaft, checked engine flywheel, checked engine timing, checked engine compression, checked engine oil pressure, checked engine temperature, checked engine vibration, checked engine noise, checked engine smoke, checked engine oil leaks, checked engine coolant leaks, checked engine fuel leaks, checked engine air leaks, checked engine exhaust leaks, checked engine oil leaks, checked engine coolant leaks, checked engine fuel leaks, checked engine air leaks, checked engine exhaust leaks.</i>	<i>[Signature]</i>	
	Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.			
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	Total to Date				

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
July 14, 2016			Performed engine annual inspection, checked oil level, checked spark plugs, no defects noted.		
<p>I certify that this engine has been inspected with an engine inspection and was determined to be in <u>good</u> condition.</p> <p>Charles L. Stewart, A&P <u>ME/IA</u> Inspection Authorization</p> <p>A.D. note: 16-16-04 compiled with total time in service <u>437.1305.44 hr.</u></p>					
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Total to Date					



KPMP Pompano Beach, FL
N2202U - Piper Cherokee VI
 A/C Model Number: PA-32-300
 A/C Serial Number: 32-7940061
 Engine Model Number: IO-540-K1G5
 Engine Serial Number: RL-26642-48E

Tel: 954-364-3650
June 21st 2017
 Tach: 2325.14 hrs.
 Engine TTSN: 4,319.65 hrs.
 Engine TSMOH: 1,944.88 hrs.
 Engine TCDS: 1E4 Rev 25

ENGINE LOG BOOK ENTRY - Page 1 of 2.

ENGINE:
 Performed annual inspection in accordance with 14 CFR 43.13 Appendix (D) and SFAM standard checklist.

Differential Pressure compression test results (hct): #1=76/80, #2=72/80, #3=74/80, #4=78/80, #5=75/80, #6=76/80.
 Drained existing oil, removed, cut open and inspected existing oil filter. No contaminants found at this time. Serviced engine with 12 quarts of Aeroshell 100+ oil (with Camguard) installed and safety wired new Tempest #AA48110-2 oil filter. Removed, cleaned, inspected, regapped and reinstalled Champion REM38E spark plugs with 12 new M-674 Champion gaskets. Rotated plugs from top to bottom cylinders after cleaning. Storgued plugs to 30 Ftbf per engine OH manual. Removed and IRAN'd both Slick magnetos at CRS 77KR187Y W/D T4567 - Right Mag MN 6350 SN: 14100246 ; Left Mag MN 6393 SN: 15110386 Timed the magnetos per the Engine TCDS at 20° BTDC. Replaced crankshaft oil seal PN: SL15628. Replaced Brackett air intake filter element (P/N BA-3). Installed customer supplied induction air replacement panel. Verified engine oil cooler hoses replaced 2012 - Next due for replacement at engine overhaul or next annual.

David James Fogarty, A&P-IA
 792897 ATP/CFI-ME/IA&P-IA

June 21st 2017



KPMP Pompano Beach, FL
 N2202U - Piper Cherokee VI
 A/C Model Number: PA-32-300
 A/C Serial Number: 32-7940051
 Engine Model Number: IO-540-K1G5
 Engine Serial Number: RL-26842-48E

Tel: 954-364-3650
 June 21st 2017
 Tach: 2325 14 hrs.
 Engine TTSN: 4,319 65 hrs.
 Engine TSMOH: 1,944 89 hrs.
 Engine TCDS: 1E4 Rev 25

ENGINE LOG BOOK ENTRY - Page 2 of 2.

Replaced No 1 cylinder exhaust valve push rod seals D6A23493, 01L23459, 2x 15H21201, LW18661 & 61503
 Removed light surface corrosion from engine cylinder neck region at engine deck, two part epoxy prime and two part epoxy paint with Lycoming Grey. Replaced heater shroud seal tube. Replaced front engine baffle seal material as needed.
 Post annual ops check on ground, full power run and test flight conducted at KPMP by the undersigned in accord with 14 CFR 91.407(b). All indications normal and no leaks observed. All applicable AD's have been complied with through T-data cycle 2017-12 as outlined on the Airworthiness Directive Compliance Record. A signed copy of those records have been provided to the registered aircraft owner. END

MAINTENANCE RELEASE

I certify that this ENGINE has been inspected in accordance with an Annual Inspection as per 14 CFR Part 43 (Appendix D) and has been determined to be in airworthy condition and is approved for return to service at this time.

David James Fogarty AIP-IA
 David James Fogarty, ATP/CFII/ASPL #2792897 South Florida Aircraft Maintenance Tel: 954-364-3650 WWW.SFAM.BIZ

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/26/18			Performed 10 hr/annual inspection Complied with AD 2015-19-07		
	2346.96		Fuel injector lines No defects noted		
	4721.73		Removed + Replaced oil + Filter serviced w/ 12 quarts low class Aeroshell + CH48110-1 F. Etad Saffin Removed + Replaced #2 cyl with Rebuilt cyl from Certified engine CNS # K64R209 m See 8130-3 Replaced #2 cyl Push Rods with new P/N 45F29957-51 for Valve Stack Lash Drop tappet clearance. Removed + Replaced LH mag + ADAPTER 9 shots with new		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Refined LH mag to 20° BTDC Run w/ leak check gaid. Replaced LH oil cooler hose to type "D" hose For AD 2012-14-04 All 4 oil cooler hoses in compliance with AD Advised owner operator of engine time beyond recommended TBO owner declined OH I certify this engine has been inspected and determined it to be in Airworthy condition at this time IAW an Annual inspection A&P #A 247 2028		
Page Total			All Repair Data Must Bear The Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

U.S. Flight Support Inc. Date 7-21-19 Reg # N2202U

TACH 4928 IO-540-K1G5 S/N RL-26842-48E TT 2553.23
Small

License Number

Perform 100hr/annual inspection in accordance with FAR 43 appendix D. Performed compression check #1 76/80 #2 79/80 #3 75/80 #4 78/80 #5 79/80 #6 77/80. Performed oil and filter change cut open old filter and inspected serviced engine with 12 quarts Aeroshell 100+ installed new CH48110-1 oil filter and safetied. Installed new BA-3 induction air filter. Replaced all REM38E spark plugs with new Champion plugs. Replaced both magnetos with overhauled exchanged slick model 6350 & 6393 see 8130s. Lubricated push pull cables. Checked AD compliance, complied with recurring ADs. Advised owner operator engine way past recommended TBO owner declined overhaul at this time. I certify that this engine has been inspected IAW A 100 hr / annual inspection and was determined to be in airworthy condition at time.

A&P I/A 3472028 Edward Sorrell

[Signature] 7-21-19

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U.S. Flight Support Inc. Date 7-21-20 TACH: 5010.16

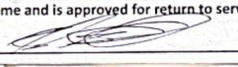
Date

N2202U IO-540-K1G5 S/N RL-26842-48E ETT: 2635.39

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Performed 100 hour annual inspection. Performed hot compression check #1 79/80 #2 78/80 #3 78/80 #4 77/80 #5 75/80 #6 76/80. Performed oil and filter change cut open filter and inspected for metal none found. Serviced engine with 11 quarts of Aeroshell 100 plus oil, installed new CH48110-1 filter, torqued and safetied. Replaced 3 fuel injector line clamps with new MS21919DG-12 Adel clamps. Checked AD compliance complied with 100 hour recurring AD 2015-19-07 fuel injector lines. Washed engine with mineral spirits cleaned cabin heat shroud replaced lower screws and riv-nuts. Checked magneto to engine timing found to be at 20 degrees BTDC. Cleaned and gapped spark plugs. Installed new BA-3 Induction air filter. Advised owner engine beyond recommended time before overhaul owner declined overhaul at this time. I certify this engine has been inspected I.A.W. an annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

A&P I/A 3472028 Edward Sorrell



U.S. Flight Support Inc. Date 8-26-21 ETT: 2670.43

Date

Lycoming IO-540-K1G5 S/N RL-26842-48E Tach:5048.20

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ber

Perform 100 hour annual inspection. Performed compression check #1 79/80 #2 79/80 #3 78/80 #4 77/80 #5 75/80 #6 78/80. Perform oil and filter change cut open old filter and inspected for metal none found. Service engine with 11 quarts of aeroshell 100 plus. Installed new CH48110-1 oil filter and safetied. Cleaned, gapped and rotated spark plugs. Removed and replaced upper forward left and right engine baffle seal with new. Checked magneto to engine timing adjusted right mag to 20 degrees BTDC. Cleaned treated and primed areas of corrosion on engine and mount. Removed and replaced induction air filter with new BA-3. Complied with AD 2015-19-07 fuel injector lines no defects noted. I certify this engine has been inspected IAW an annual inspection and was found to be in airworthy condition at this time. Advised owner operator engine beyond recommended TBO owner declined overhaul at this time.

A&P I/A 3472028 Edward Sorrell

