



1701 East Main Street, Griffith, IN 46319 • 219-924-7110

AirMart.com

AIRCRAFT SALES & BROKERAGE



ASA-SF-2

G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/4/88. G & N Aircraft, Inc., (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, G & N Aircraft, Inc. shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of 1000 hours, the cost of repair or replacement (including the cost of parts and labor), at G & N Aircraft, Inc.'s option, shall be prorated in the following manner. The customer shall pay the net price for a newly remanufactured engine equal to the current list price for the engine divided by 1000 hours, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by G & N Aircraft, Inc.

After the initial six (6) months from date of delivery or 240 hours of operation, G & N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories, E. G. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. G & N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from G & N Aircraft, Inc. before repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable labor costs exceed

local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and G & N Aircraft, Inc. must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS - G & N Aircraft, Inc. shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. G & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of G & N Aircraft, Inc. has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by G & N Aircraft, Inc. or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. G & N Aircraft, Inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL G & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The foregoing limitations and exclusion with respect to implied warranties, and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitations or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

Warranty No. 9753395

Engine Serial No. L-12883-51A

Aircraft Registration No. _____



G & N AIRCRAFT, INC.

1701 East Main Street
Griffith, Indiana 46319
Tel: (219) 924-7110

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits
 Engine disassembled, cleaned, inspected and reassembled in accordance with manufacturer's overhaul instructions. All steel parts magnafluxed. Engine test run in F.A.A. approved test cell. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 9753395 DATED 12/15/97
 MFG. Lycoming MODEL IO-360-C1C
 Serial No. L-12883-51A Time in svc. _____

 **G & N AIRCRAFT, INC.**
 1701 East Main St., Griffith, IN 46319
 Telephone: (219) 924-7110

 Authorized Signature C.R.S. #MW 2R020L

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The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE	IO-360-C1C	SN	L-12883-51A	DATE	12/15/97
	P/N	S/N		P/N	S/N
MAG.	NONE		PROPELLER	NONE	
MAG.	NONE		PROP.GOV.	NONE	
ALT./GEN.	NONE		TACH.GEN.	NONE	
INJ./CARB.	2524450-9	49199	TURBO CHARGER	NONE	
FUEL PUMP	LW-15473	NEW	WASTE GATE	NONE	
STARTER	MZ4222	5H000013	CONTROLLER	NONE	
VAC.PUMP	NONE		CONTROLLER	NONE	
DIS. VALVE	2524232-2	29K	REL VALVE	NONE	

 **G & N AIRCRAFT, INC.**
 1701 East Main St., Griffith, IN 46319
 Telephone: (219) 924-7110
 W.O. # 9753395

 Authorized Signature C.R.S. #MW 2R020L

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRWORTHINESS DIRECTIVE

At date of engine overhaul 12/15/97

Engine model: 10-360-C1C

Authorized Signature [Signature]

AD & REV#	REV DATE	APPLIC. SB#	ONE TIME	RECURRING
75-08-09		381B 385C	X	
90-04-06 R1	05-28-91	488A	X	
91-14-22		475A		X
93-02-05		342B		X
96-09-10		524	X	
67-22-06		RS-27	X	
73-10-02		RS-41 R1		
75-09-15		RS-43	X	
78-23-10		RS 52 53 54	X	

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COMPLIANCE RECORD

S/N L-12883-51A W/O 9753395

C/W complied with, P/C/W previously complied with, N/A not applicable.

CRS MW2R020L [Signature]

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	C/W new parts
	C/W new clamps
next teardown	C/W modified gear
100 hour annual overhaul	C/W new parts
any fuel injection maintenance	C/W new parts
	N/A by P/L#
	N/A by P/L#
	P/C/W 2538998 gasket installed
	N/A by P/L#

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AIRWORTHINESS DIRECTIVE

At date of engine overhaul 12/15/97

Engine model: IO-360-C1C

Authorized Signature *[Signature]*

AD & REV#	REV DATE	APPLIC. SB#	ONE TIME	RECURRING
79-04-05		RS-57	X	
79-21-08		RS 68 69 70	X	
79-26-03		RS 68 69 70	X	
81-03-05		RS-62 R1	X	
83-22-04		RS-88 R1	X	
89-13-02		PRS-92	X	
END-----				

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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COMPLIANCE RECORD

S/N L-12883-51A W/O 9753395

C/W complied with, P/C/W previously complied with, N/A not applicable.

CRS MW2R0201 *[Signature]*

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
	N/A by P/L#
	N/A by P/L#
	N/A by P/L#
	N/A by P/L#
	N/A by P/L#
	N/A by P/L#
END-----	

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspection
19				Entries must be endorsed with Technician or Repair Facility

9-1-98 Tac 1913.8 total time 1913.8 SMO (00) At this date and total time this engine has been inspected in accordance with a 100hr. inspection sheet. Installed O/H engine by G&N aircraft Installed O/h prop governor model # F-2-7A S/n #4709w. Replaced all engine lord mounts P/n J-9613-40. Installed new rubber engine baffling. Replaced alternator drive belt P/n 73965-015. Engine test ran and inspected for oil leaks found ok. AD 75-08-09 dated 8-18-77 c/w (see log dated 12-15-97). AD 75-09-15 pcw (see log dated 4-18-75). AD 90-04-06 revision #1 dated 5-28-91 pcw (see log dated 12-15-97). AD 91-14-22 dated 8-19-91 due at tear down or prop strike. AD 92-12-05 pcw (see log dated 12-15-97). AD93-02-05 dated 6-14-93 pcw (see log dated 12-15-97). AD 96-09-10 dated 7-15-96 pcw (see log dated 12-15-97). AD 97-15-11 dated 8-12-97 pcw (see log dated 12-15-97). AD list resherched thru 98-16.

REPAIR ONLY

Only the labor operations requested by the customer have been accomplished on this part. The customer must complete the inspection and repair of this part before using. G & N Aircraft, Inc., assumes no liability of any nature of the performance, use or operation of this part due to customer not requesting complete inspection and overhaul. Details of repair on work order no. 56219

dated 9-10-99 are on file at this agency

[Signature]
Authorized Signature

G & N Aircraft
1701 East Main St., Griffith, IN 46319
F.A.A. Approved Repair Station No. MW2R020L

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

10-20-99 Tac 1933.0 total time 1933.0 SMO 17.2 at this date and total time this engine has been inspected in accordance with a 100 hr. Inspection sheet. # 4 cyl repaired by G & N aircraft (see green tag dated 9-10-99). AD 91-14-22 due at next tear down or prop strike. AD 93-02-05 due at next 100 hr.- annual or O/H. AD list resherched thru 99-20.

10/20/99 1933.0

At this Date Total Time
I certify that this engine has been inspected
in accordance with an inspection
and was determined to be in air worthy con-
dition. 1A283341208

[Signature]

CYLINDER 100					
1	2	3	4	5	6
76	77	77	74		
80	80	80	80		
COMPRESSION CHECK					

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11-20-00 Tac 1953.6 total time 1953.6 . AT this date and total time
this engine has been inspected in accordance with a 100 HR.
inspection sheet AD 91-14-22 due at prop strike or tear down . AD
92-02-05 next due at 100 HR, annual or tear down . AD list thru 00-
21 .

11-20-00
At this Date & Total Time 1953.6
I certify that this engine has been inspected
in accordance with an annual inspection,
and was determined to be in air worthy con-
dition.
IA363341208

John A. Grant

COMPRESSION CHECK					
80	80	80	80	80	80
72	77	76	76	76	76
1	2	3	4	5	6
CYLINDER NO.					

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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6-15-03 TAC 1970.06 TOTAL TIME 1970.06. AT THIS DATE
AND TOTAL TIME THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE A 100HR. INSPECTION SHEET. AD 91-
14-22 DUE AT PROP OR TEAR DOWN. AD 02-26-01 INSPECTED
PER (SB) 34D NEXT DUE 100HR. AD LIST THRU 03-12.

6-15-03
At this Date & Total Time 1970.06
I certify that this engine has been inspected
in accordance with an annual inspection,
and was determined to be in air worthy con-
dition.
IA363341208

John A. Grant

6-1-04 TOTAL TIME 1994.9 (SM0H) 81.1. AT THIS DATE AND TOTAL TIME
THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR.
INSPECTION SHEET. REPAIRED FUEL INJECTION FITTING ON FRONT LEFT
INJECTION LINE. AD 91-14-22 DUE AT PROP STRIKE OR NEXT TEAR DOWN,
AD O2-26-01 INSPECTED PER SB 34D NEXT DUE 100HR. AD LIST THRU THIS
DATE.

At this Date 6-1-04 & Total Time 1994.9
I certify that this engine has been inspected
in accordance with an 100 inspection,
and was determined to be in air worthy con-
dition. 14383341200
John J. J. J.

Date: 7/17/15 Engine and Propeller
 Tac: 267554 Hobbs: _____ TTA: 2024.35
 TSMO: 1535 LE; _____ RE;
 TSNP: 2024.35 LE; _____ RE;
 TSMOP: 1730 LE; _____ RE;
 TSN: _____ LE; _____ RE;

I certify that this engine and propeller have been inspected in accordance with an annual inspection and found to be in an airworthy condition. All AD notes up to 2005-15 have been complied with, including 2005-15

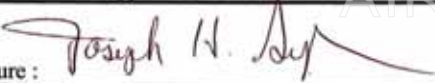
P Lloyd
 A&P 2675541A

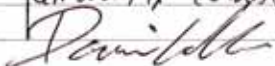
Right Engine Points P Timing P Stacks P Muff P
 Lines P Fittings P Carb/Servo P
 Starter P Alt/Gen P

Inspection 7/17/15
1535
1730
2024.35
2675541A

Seals: _____

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Model : IO-360-C1C S/N : L-12883-51A Reg :		Date: 07-17-2007 Tach : 2072.0 T.S.O.H : 158.2	
	Engine 100 hour inspection Performed: Engine cleaned. Oil filter and oil suction screen removed and checked for contaminants (None noted). Oil filter CH-48110 installed. Spark plugs cleaned gapped and pressure tested. Magneto Timing checked. Oil changed using 8 QTS Aeroshell 100W. Compression check # 72/80 #2 78/80 #3 74/80 #4 74/80. AD 2002-26-01 "Fuel Injector Lines" CW by inspection. Next Due 100 hours at Tach 2172.0. Magneto grounding check performed. Engine ground run performed no leakage noted. Airworthiness Directives check through Bi-Weekly 2007-14. END. I certify this engine has been inspected I:A:W a 100 hour inspection and is Approved for Return to Service.			
	Signature : 		A&P/IA	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/16/08	Tach 2081.96 TSOH 167.56			Annual Inspection performed on engine cleaned oil and filters no discrepancy noted. cleaned and checked spark plugs in accordance with Lycoming maintenance manual. Checked mag timing, complied with all applicable AD's. Compressions #1 71/80 #2 72/80 #3 77/80 #4 78/80 Replaced fuel flow divider line part number 035910. Performed ground run, function tested and found satisfactory. I certify this Engine has been inspected in accordance with an Annual Inspection in reference to Lycoming service manual and found to be in an airworthy condition at this time  Damian Galsbraith AP2696791/IA

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/2/2010	2085.47 TSOH 171.67			<p>Inspected Engine for Annual Inspection in accordance with Lycoming maintenance manual and complied with AD 2009-02 - O3 Plug found to be secured at this time. compressions are as follows: #1 74 #2 76 #3 73 #4 76 80 80</p> <p>Changed oil + filter, no contamination found. Clean - gapped spark plugs. I certify this Engine is in an Airworthy condition at this time.</p> <p><i>Dan Galbraith</i> Dan Galbraith AP2696791FA</p>

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>DATE: 10/01/2011 T.T.: 2090.83 S.M.O.H.: 177.3</p> <p>MODEL: IO-360-C1C S/N: L-12883-51A</p> <p>100 hr. Inspection completed I/A/W piper approved inspection form. Changed oil and filter w/ P/N CH-48110 inspected (no contamination found). Cleaned and gaped spark plugs replaced #2 top spark plug. Magneto Timing checked. Compression checks #1 76/80 #2 74/80 #3 74/80 #4 75/80. Replaced alternator drive belt w/P/N 73965-015. C/W piper SL 1141 and Lycoming SB 342F. A/Ds checked or complied with through this date END. <i>Annual</i> I certify this engine has been inspected I/A/W a 100 hr inspection and is approved for return to service.</p> <p><i>Dan Galbraith</i> Dan Galbraith AP2696791IA Dan Galbraith</p>

Signature  CRS # ECWR470D
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Date: February 22, 2012
Reg No: N32020
Tach: 2178.3 Hobbs: 1857.4

Removed Chrysler Alternator, (p/n 4111810) and all defective brackets and hardware. Repaired damaged bolt hole with insertion of Helicoil. Removed and replaced alternator mounting hardware with Piper Service Kit, (p/n 764-347), using manufacturer's instructions. Installed overhauled exchange Chrysler Alternator, (p/n 4111810, p/n A800116). See FAA form 8130-3 dated 11-14-2011, tracking # W/O 101741. Replaced missing 'alternator to starter strut' bracket, (p/n 78483-000). Replaced broken alternator strut, (p/n 79238-000), tensioned belt, and safety wired hardware. Serviced and charged Gill G83 battery. Replaced missing #2 exhaust stud p/n 31C12P07. Removed and replaced #3 exhaust tube, (p/n K67812-00), and aft muffler, (p/n K67517-00). Replaced all exhaust tube gaskets, (p/n 77611), and torqued exhaust to manufacturer's specification. Performed engine ground runs, monitored voltage under various loads and RPMs, and verified proper buss voltages. Alternator operationally checks good, and no exhaust leaks were detected. Work accomplished in accordance with Piper PA-28R-200 MM Section 8 & 11, and Lycoming IO-360 series Service / Parts Manual.

C. John Colaluca for Landmark Aviation-FDK CRS LC1R291K

[illegible]

3/4/2	218510	Changed oil & filter PM ⁺ CH 48116 with 875 hours NO. 700000 filter NO. 800 1000, oil 800 taken, recap, & leak oil coat 3014477 C.F.L.
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DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of				

Blue Ridge Airport Authority 525 Airport Rd, Martinsville, VA 24112 (276) 957-1109 Fax (276) 957-2292 1 of 2

Engine Date: 3/20/2012 Tail Number: N32020 Aircraft Make/Model: Piper PA-28R-200
Engine Make: Lycoming Engine Model: IO-360-C1C Engine S/N: L-12883-51A Tach: 2188.21

Service performed: Removed oil filter, cut open and no contaminants were found. Installed, torqued and safetied one new AA48110-1 filter. Differential compression check performed I/A/W Lycoming SI 1191A #1: 70/80 #2: 74/80 #3: 70/80 #4: 74/80. Cleaned, inspected, tested, installed and torqued all spark plugs using new M-674 gaskets. Checked magneto to engine timing and found to be within limits per engine data plate. Torqued all rocker box cover screws as needed. Torqued all fuel servo hardware as needed. C/W AD2011-26-04 amendment 39-16894 effective January 25, 2012 by visual inspection of all engine external fuel lines and support clamps per paragraphs (h) and no leaks or defects were noted, next inspection due before AFTT: 2288.21. Performed ground run and leak check and no leaks or defects were noted at this time.

All work listed above was done I/A/W Lycoming IO-360 Series Operators Manual and I/A/W FAR 43.9. In reference to the work listed above, this engine was found to be in an airworthy condition and is approved for return to service.


Michael B Smith A&P4095700641A

Tail Number: N32020 Aircraft Make/Model: Piper PA-28R-200 Engine TT: 2188.21 Date: 3/20/2012 2 of 2
Engine Make: Lycoming Engine Model: IO-360-C1C Engine S/N: L-12883-51A Engine TSMOH: 274.41 Tach: 2188.21

I certify this engine has been serviced and inspected I/A/W a 100 Hour inspection I/A/W FAR 43 appendix D and I/A/W FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service.


Michael B Smith A&P4095700641A

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries.)				

Blue Ridge Airport Authority 525 Airport Rd, Martinsville, VA 24112 (276) 957-1109 Fax (276) 957-2292

Engine Date: 5/04/2012 Tail Number: N32020 Aircraft Make/Model: Piper PA-28R-200
Engine Make: Lycoming Engine Model: IO-360-C1C Engine S/N: L-12883-51A Tach: 2218.15
Service performed: Removed this engine for overhaul from Piper PA-28R-200, S/N: 28R-7535015.

All work listed above was done I/A/W Piper PA-28R-200 Cherokee Service Manual and I/A/W FAR 43.9.


Michael B Smith A&P4095700641A

DATE

19

DATE 07/26/2012 TACH: UNKNOWN TSMOH: 0

THIS LYCOMING ENGINE MODEL IO-360-C1C SN L-12883-51A MAJOR OVERHAULED THIS DATE IN ACCORDANCE WITH LYCOMING OVERHAUL MANUAL PN 60294-7. ENGINE WAS DISASSEMBLED, CLEANED, AND VISUALLY INSPECTED. THE FOLLOWING ITEMS WERE SENT OUT FOR INSPECTION, OVERHAUL, AND CERTIFICATION: CRANKCASE, CRANKSHAFT, CONNECTING RODS, CAMSHAFT, CAM FOLLOWERS, CRANK GEAR, ALL INTERNAL STEEL, AND HYDRAULIC UNITS. CYLINDERS WERE INSPECTED, OVERHAULED, ASSEMBLED, AND CERTIFIED BY ENGINE COMPONENTS, INC. ROCKER ARMS WERE INSPECTED AND CERTIFIED. SEE TAGS ON ALL CERTIFIED ITEMS. ENGINE WAS ASSEMBLED WITH NEW MAIN AND ROD BEARINGS, ROD BOLTS AND NUTS, CRANK GEAR BOLT, ALL INTERNAL HARDWARE, GASKETS AND SEALS, OIL PRESSURE RELIEF SPRING, OIL TEMP CONTROL VALVE, FUEL PUMP, SPARK PLUGS, IGNITION HARNESS, AND ALL LOCKING TABS AND WASHERS. FUEL INJECTION SYSTEM AND BOTH MAGNETOS PN 4370 AND 4373 WERE OVERHAULED AT THIS TIME. ALL AD'S COMPLIED WITH AT THIS TIME.....END.

Bruce McWhorter

BRUCE MCWHORTER A&P 562199228
HEART OF TEXAS AIRCRAFT ENGINES, INC.
877-597-2306

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back page for other engine entries)
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Blue Ridge Airport Authority 525 Airport Rd, Martinsville, VA 24112 (276) 957-1109 Fax (276) 957-2292 1 of 2

Engine Date: 8/15/2012 Tail Number: N32020 Aircraft Make/Model: Piper PA-28R-200 Tach: 2218.15
Engine Make: Lycoming Engine Model: IO-360-C1C Engine S/N: L-12883-51A TSMOH: -0-
Service performed: Installed this engine in Piper PA-28R-200, S/N: 28R-7535015 after overhaul by Heart of Texas Aircraft Engines, Inc. using new gaskets and seals. C/W AD2011-26-04 amendment 39-16894 effective January 25, 2012 by visual inspection of all engine external fuel lines and support clamps per paragraphs (h) and no leaks or defects were noted, next inspection due before AFTT: 2318.15. Performed ground run and leak check of engine and no leaks or defects were noted at this time.

All work listed above was done I/A/W Piper PA-28R-200 Cherokee Service Manual, I/A/W Lycoming IO-360 Series Operators Manual and I/A/W FAR 43.9.

Michael B Smith
Michael B Smith A&P4095700641A

Tail Number: N32020 Aircraft Make/Model: Piper PA-28R-200 Engine TT: 2218.15 Date: 3/20/2012 2 of 2
Engine Make: Lycoming Engine Model: IO-360-C1C Engine S/N: L-12883-51A Engine TSMOH: 0.0 Tach: 2218.15

I certify this engine has been serviced and inspected I/A/W a 100 Hour inspection I/A/W FAR 43 appendix D and I/A/W FAR 43.11. This engine was found to be in an airworthy condition and is approved for return to service.

Michael B Smith
Michael B Smith A&P4095700641A

DATE	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-22-2013	2298.	79.9	2298.0	Inspected Engine IAW FAR 43, Appendix D. Cylinder Compression #1 7 1/2 #2 7 1/2 #3 7 1/2 #4 7 1/2 cleaned Fuel System Screens, cleaned, capped & Tested all spark plugs. Checked Mag timing & Mag switch operation. Adjusted both Mags to proper timing. Replaced Starter P/N 149-NL; 3/4 FN-061351. Tightened Alternator. Replaced Missing Nut on Vacuum Pump. Replaced #2 cylinder Fuel Injector line P/N LW-12099-0-180. Adjusted Idle speed & Mixture. Changed oil & Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell 100 mineral oil. Washed & Rm to check operation & For leaks. Found Satisfactory For Return to Service. 7/4 AD 2011-26-04, 7/4 AD 95-26-13. oil cooler Hoses OK.
I certify that this engine engine has been Inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition. Date <u>8-22-2013</u> TT <u>2298.</u> SMCH <u>79.9</u> <u>[Signature]</u> <u>3555248FA</u>				GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-21-14	2306.6		2306.6	changed oil & Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell 100 oil. Washed & Rm to check operation & For leaks. Found Satisfactory For Return to Service. 7/4 AD 2011-26-04, 7/4 AD 95-26-13. oil cooler Hoses OK.
I certify that this engine engine has been Inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition. Date <u>8-21-2014</u> TT <u>2306.6</u> SMCH <u></u> <u>[Signature]</u> <u>3555248FA</u>				GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033

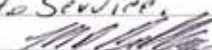
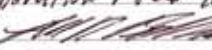
DATE	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2014				
12-3	2314.0	95.9	2314.0	Inspected Engine JMW FAR 43, App D + Piper Inspection Checklist. Cylinder Compression- #1 $7\frac{1}{2}$ #2 $7\frac{1}{2}$ #3 $7\frac{1}{2}$ #4 $7\frac{1}{2}$. checked Mag timing + Mag switch ops. cleaned, crapped + tested all spark plugs. cleaned Fuel Bowl + Throttle body Screens. Replaced engine Air Filter P/N BA-10. C/P AD 2011-26-04, Fuel Injectors, lines, clamps + Flow Divider. No Defects. changed oil + Filter P/N 0448110-1. Serviced with 8 qts of Acrosshell 15W50 oil. Washed + haw. Found Satisfactory for Return to Service.
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				I certify that this 00000000 engine has been inspected in accordance with an <u>LED Henry</u> inspection and was found to be in an airworthy condition. Date <u>12-3-2014</u> TT <u>2314.0</u> SMCH <u>95.9</u> <u>MD</u> <u>5555249JA</u>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2015				
3-14	2366.5			changed oil + Filter P/N 0448110-2. Serviced with 8 qts Acrosshell 15W50 oil. cleaned + haw to check ops + for leaks. Found Satisfactory <u>MD</u> <u>5555249JA</u>
				GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033

DATE 10/20/15	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-5	2413.3	195.2	2413.3	Inspected Engine IFAW FAR43, Appx D + Piper Inspection Checklist. cylinder compression - #1 75% #2 76% #3 78% #4 79%. Fuel bowl + Throttle body Screens Found clean, checked Mag timing + Adjusted both Mags. cleaned, Gapped, Tested + Rotated all spark plugs. Replaced engine Air Filter P/N BA-10. Replaced Vacuum Pump Drive Seal with a new Seal P/N OGA19956. P/N AD241-26-D4 Fuel Injectors, lines, clamps + Flow Divider - no Defects. changed oil + Filter P/N HA48110-2. Serviced with 8 qts Aeroshell 15W50 oil. Washed + Ran to check operation + For leaks. Found Satisfactory for Return to Service. no new ADS. I certify that this aircraft engine has been inspected in accordance with an <u>ITD</u> <u>FAW</u> inspection and was found to be in an airworthy condition.
				GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033
				Date <u>5-5-2015</u> TT <u>2413.3</u> SMCH <u>195.2</u> <u>MITT</u> <u>3555248 FA</u>

DATE 10/20/15	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-16	2464.9	246.8	2464.9	changed oil + Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell 15W50 oil. Regard lower left Bowling shaft Seal. Washed + Ran to check operation + For leaks. Found Satisfactory. GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033

DATE 2015	RECORDING TACH TIME	TODAYS FLIGHT S/N H	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-6	2516.7	293.6	2511.7	<p>Inspected Engine I/M/M FMR 43, Appendix D & PH 28R-200 Inspection Checklist. Cyl/Inlet/Exhaustion #1 7/80 #2 16/80 #3 78/80 #4 78/80. Fuel bowl & Throttle body Inlet screens Found clean. Replaced engine Air Filter I/M 8A-10, cleaned, Gapped & Tested all spark plugs. Checked Mag timing & Adjusted both to 35°, Mag switch Found Satisfactory. I/M/M 8A 7A-07-12 RL. I/M AD 201-20 24, Fuel Injection, lines & clamps - no defects. Changed oil & Filter I/M CH 43110-1. Serviced with 8 qts of Aeroshell 15W50 oil. Washed & Ran to check operation & Fuel leaks. Found Satisfactory for Return to Service.</p> <p>I certify that this engine engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>8-6-2015</u> TT <u>2511.7</u> SMCH <u>293.6</u>  3555248JA</p>
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				

DATE 2015	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-14	2544.7		2544.7	<p>Removal & Replaced Left Magneto with a new I/M 4371 Magneto S/N 15071217. Timed & operation Found Satisfactory for Return to Service.</p> <p> 3555248JA GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033</p>
10-8-2015	2564.4		2564.4	<p>Changed oil & Filter I/M 4A 43110-2. Serviced with 8 qts of Aeroshell 15W50 oil. Washed & Ran to check operation & Fuel leaks. Found Satisfactory.</p> <p> 3555248JA GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033</p>

DATE 8/015	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-17	2611.2	393.1	2611.2	Inspected Engine I/H/w FAR 43. Appx D. cylinder Compression #1 75# #2 75# #3 75# #4 75# Fuel Screens were found clean & cleaned, Gapped tested & Retited all spark plugs. checked Mag timing & Ignition leads. Adjusted both Mags. 9w AD 76-02-12, Mag switch ops -OK. 9w AD 2015-19-07, Fuel Injectors, lines & clamps - OK. changed oil & Filter P/N AA48110-2. Serviced with 8 qts of Aeroshell WED oil. Washed & Ran to check operation & Fuel leaks. Found Satisfactory for Return to Service.
				<p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>11-17-2015</u> TT <u>2611.2</u> SMCH <u>393.1</u> <u>3555248JA</u></p>
				<p>GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033</p>

DATE 8/016	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-20	2660.6			<p>changed oil & Filter P/N AA48110-2. Serviced with 8 qts of Aeroshell 15W50 oil. cleaned & Ran. operation Found Satisfactory.</p> <p><u>3555248JA</u></p>
				<p>GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-9-2016	2711.0	492.9	2711.0	<p>Inspected Engine I/M/w FHR 45, Appx D + PA28R-200 checklist. cylinder Compression #1 1 7/8" 40 #2 1 6/8" 40 #3 1 7/8" 40 #4 1 7/8" 40. Fuel bowl & Throttle body Seizens Found clean. Replaced engine Air Filter P/N BA-10. checked Mag Timing & switch ops I/M/w AD 76-07-12. No Defects. cleaned, Gapped & Tested all spark plugs. Replaced Hardware on Alternate Air Attach Cable. P/N AD 2015-19-01, Fuel-Tap line clamps No Defects. changed oil & Filter. P/N AA 48110-2. Serviced With 8 qts Aeroshell W100. Washed & Run to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p>NO NEW ADS.</p> <p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>3-9-2016</u> TT <u>2711.0</u> SMCH <u>492.9</u></p> <p><u>MD [Signature]</u> 3555248JA</p>
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-20-2016	2764.0		2764.0	<p>changed oil & Filter. P/N AA 48110-2. Serviced Engine with 8 qts of Aeroshell W100 oil. Washed & Run. Failed Right Mag check at low RPM. Inspected spark plugs - No Defects. Replaced Right Magneto with a Serviceable Unit P/N 4370, S/N 13060838. Total Time 535 Hours Since New. Ground Run & operation Found Satisfactory for Return to Service.</p> <p><u>MD [Signature]</u></p> <p>3555248JA</p>
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				

DATE 8/01/16	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-24	2810.5	592.4	2810.5	<p>Inspected Engine I/P in FAR 43, APPX D & PA28R-200 Checklist. Compression #1 $1\frac{1}{2}$ #2 $1\frac{1}{2}$ #3 $1\frac{1}{2}$ #4 $1\frac{1}{2}$ #50. Fuel bowl & screen funnel clean. Replaced Air Filter in BA-10, checked Mag timing & Adjusted Both to 25°. cleaned, Gapped, Test & Rotated all spark plugs. Replaced All 4 Push Rod Tube Seals in 67193 on #2 cylinder. changed oil & filter in AA4811D-2. Serviced with 8 qts of Aeroshell W100 oil. 96 AD7607-12R1 Mag switch for Paper Ground. Me AD2015-1907, Fuel Injector lines & clamps. No Detects. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>6-24-2016</u> TT <u>2810.5</u> SMCH <u>592.4</u></p>
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				<p><u>SMCH</u> <u>55552481A</u></p>


DATE 8/01/16	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-15	2859.8			<p>changed oil & Filter in AA4811D-2. Serviced with 8 qts of Aeroshell W100 oil. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p><u>SMCH</u> <u>55552481A</u></p>
GENERAL AVIATION, INC. P. O. BOX 457 DANVILLE, VA 24543 434-793-7033				



DATE 2016	RECORDING TACH TIME	TODAYS FLIGHT 570H	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-1	2910.0	691.9	2910.	<p>Inspected Engine I/M/W FHR 43, Appx D. Compression - #1 76% #2 76% #3 76% #4 76%. cleaned Fuel bowl & Throttle body Inlet screens. Found clean. Engine Air Filter Found clean. Replace. Next Inspection. cleaned, crapped & tested all spark plugs. checked Mag timing & Mag switch. I/M/A AD26-02-12R1. cleaned Mag lead caps. changed oil & Filter F/W AD48110-1. Serviced with 8 qts of Aeroshell W100 oil. F/W AD2015-19-07 Fuel Injector, lines & clamps. No Defects. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service. no other ADs Apply.</p> <p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>11-1-2016</u> TT <u>2910.</u> SMCH <u>691.9</u> <u>MT</u> 3555248 JA</p>

DATE 2016	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-13	2962.2			<p>changed oil & Filter F/W AD48110-2. Serviced engine with 7 qts of Aeroshell W80 oil. washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p><u>MT</u> 3555248 JA</p>

DATE 18 2017	RECORDING TACH TIME	TODAYS FLIGHT SMCH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-9	3009.9	791.8	3009.9	<p>Inspected Engine J/WH FAP 43, Appendix D. cylinder compression #1 $7\frac{1}{2}$ #2 $7\frac{1}{2}$ #3 $7\frac{1}{2}$ #4 $7\frac{1}{2}$ Replaced engine Air Filter P/N BA-10. cleaned Fuel bowl, Throttle body Screen, Injectors & Fuel Divider. C/o AD 2015-19-07, lines & clamps found secure. checked plug timing, leads & Switch J/WH AD 760T-12R1. cleaned, Gapped & Tested all spark plugs, changed oil & Filter P/N A48110-1. Serviced with 8 qts of Aeroshell W100 oil. Washed & Rvw to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p>I certify that this engine engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>2-9-2017</u> TT <u>3009.9</u> SMCH <u>791.8</u> <u>3555248JA</u></p>

DATE 18 2017	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-2	3059.3		3059.3	<p>changed oil & Filter P/N A48110-1. Serviced with 8 qts of Aeroshell W100 oil. Washed & Rvw to check operation & for leaks Found Satisfactory for Return to Service. <u>3555248JA</u></p>

DATE 2017	RECORDING TACH TIME	TODAYS FLIGHT SMOH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
4-7	3108.5	390.4	3108.5	<p>Inspected Engine JTA/RAR 43, Appx D. cylinder compression #1 76/60 #2 79/60 #3 76/60 #4 76/60. Fuel bowl & Throttle body. Servics Found clean. Engine Air Filter. Found clean. Clean, & Test all spark plugs. Check Mag timing. Adjust left & right switch ops. Ok JTA/RAR 43 to 011221. 1/2 AD 2015-19-07, Fuel Injector lines & clamps Found Secure. Replaced #20 seat Hose from Carb to oil Cooler. Replaced Rear Muffler with a new P/N DA67517-00. changed oil & Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell W100 oil. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service. Replaced all 4 intake Gaskets P/N 71973</p> <p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>4-7-2017</u> TT <u>3108.5</u> SMCH <u>390.4</u>  <u>3555248JA</u></p>

DATE 2017	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
5-5	3133.6			<p>cleaned, Gapped & Tested spark plugs. Removed & Replaced Left Mag w/ to with a new P/N 4371, S/N 17030625. Timed & Ground Run to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p> <u>3555248JA</u></p>
5-30-2017	3165.5			<p>changed oil & Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell W100 oil. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.</p> <p> <u>3555248JA</u></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-2017		SMCH		
8-16	3307,5	1089,4	3307,5	<p>Inspected Engine IAW FAR 43, Appendix I. cylinder Compression #1 175/200 #2 74/200 #3 74/200 #4 74/200 Fuel bowl & Throttle body Screens Found clean. Replaced engine Air Filter P/N BA-10, cleaned, Gapped & Tested all spark plugs. Adjusted both Plugs to proper Timing & switch ops. Found no Defects. Changed oil & Filter P/N CH48110-1. Serviced with 8 qts of Aeroshell W100. P/N AD 2015-19-07, Fuel Injectors, lines & clamps Secure. P/N AD 2017-14-04 Type C oil cooler Hoses Installed at Engine change IAW ACE- 96-01. Rev Mount - Replace w/rot Engine Change. Washed & Ran to check operation & For leaks. Found Satisfactory For Return to Service.</p> <p>I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>8-16-2017</u> TT <u>3307.5</u> SMCH <u>1089.4</u> <u>3555248 FA</u></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2017				
9-19	3357,4			<p>Changed oil & Filter P/N CH48110-1. Serviced engine with 8 qts of Aeroshell W100 oil. Replaced DRing P/N MS28775-011 on Prop Governor Pitch Control shaft. Ground Run to check operation & For leaks. Found Satisfactory.</p> <p><u>3555248 FA</u></p>

DATE 2018	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-5	3506.0	1287.9	3506.0	<p>Inspected Engine JDA/FA 43 Appendix D. Compression #1 760 #2 760 #3 740 #4 760. Engine Air Filter, Fuel bowl & Throttle body Services Found & clear. Replaced all 8 spark plugs PLAREM38E Cappade Tested, changed lead caps & plug's switch caps Found no defects. JDA/AD71072K1 Mag timing Found No Defects. Removed & changed oil Drain Valve. Adjusted Mixture Control. changed oil & Filter JDA 0448110-1. Serviced with 8 qts Aeroshell WDD. Replaced Manifold Pressure line. Replaced Forward Muffler JDA 6751720. JDA AD 101519-02 Fuel Inj lines & lamps Service. Washed & Ran. Found 2 oil leaks. No Return to service. no other AD's etc.</p> <p>I certify that this engine engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.</p> <p>Date <u>2-5-2018</u> TT <u>3506.0</u> SMCH <u>1287.9</u> <u>5555248TA</u></p>

DATE 2018	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-26	3556.3			<p>changed oil & Filter JDA 0448110-1. Serviced with 8 qts of Aeroshell WDD oil. Washed & Ran to check operation & for leaks. Found 2 oil leaks. For Return to Service.</p> <p><u>5555248TA</u></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-5-2018	3605.7	SMCH	1387.6	3605.7
4-5	3605.7	1387.6	3605.7	Inspected Engine J/M/R 43/APPX D. Cylinder Compression #1 7700 #2 7400 #3 7300 #4 7400. Fuel bowl & throttle body screens found clean. Engine Air Filter Found clean. cleaned, oiled, tested & Retorted spark plugs. checked Mag timing & Mag switch for proper Grounding. changed oil & filter J/M CH48110-1. System Screen Found clean. Serviced engine with 8 qts of Aeroshell W100 oil. Per AD 2015-19-07, Fuel Injectors, lines & pumps Found Secure. Washed & Ran to check operation & for leaks. Found Satisfactory for Return to Service.
				I certify that this aircraft engine has been inspected in accordance with an <u>100 Hour</u> inspection and was found to be in an airworthy condition.
				Date <u>4-5-2018</u> TT <u>3605.7</u> SMCH <u>1387.6</u> <u>SMCH</u> 35552481A

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-21-2018	3655.2			changed oil & Filter J/M CH48110-1. Serviced with 8 qts of Aeroshell W100 oil. cleaned lower spark plugs. Ground Ran to check operation & for leaks. Found Satisfactory for Return to Service. <u>SMCH</u> 35552481A
6-13-2018	3674.5			Removed & Replaced Throttle body SMO J/M RSA-5AD1, 2524450-9, S/N 721125006. Ground Ran to check operation & for leaks. Found Satisfactory for Return to Service. <u>SMCH</u> 35552481A