

N4147G

2000 Piper Archer III

Engine Logbooks (2013-2021)



RidgeAir
WORLDWIDE
aviation specialists

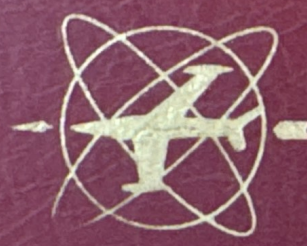
MSN: 2843364

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

10/20/54

33

OLD
ENGINE
LOG



The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Lycoming

Model 0-360-A4M

Serial L-23168-36A

Type Certificate _____

This engine is currently installed in aircraft: N5705V

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

YEAR 20 <u>13</u> DATE	RECORDING TACH TIME	TODAY'S 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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Page 1 of 1

AIRCRAFT ENGINE SPECIALISTS, LLC
2330 SOUTH AIRPORT BOULEVARD, SUITE #5
CHANDLER, ARIZONA 85286
(480) 516-0390 CRS # ZF7R728Y

7-10-13
MODEL 0-360-A4M
S/N L-23168-36A
TACH READING
TTE
TSMO 0.0

Disassembled engine, cleaned, inspected, non-destructive tested w/ N0834-13-05, overhauled, assembled and test run in accordance with Lycoming Overhaul Manual 60294-7-14 and appropriate service bulletins. Camshaft repaired w/ 219260, lifter bodies repaired on w/s 219260 and 47629, Crankcase repaired w/ 104420, Crankshaft pn 13B27134, sn V537935558, Carburetor MA-4-5, 10-5193, sn VC220406 overhauled w/ F0905-12-10. Installed new magnetos RT 4370, sn 13051521, LT 4371, sn 13011669, starter 149 NU/EC, sn FNE141376, fuel pump LW-15472, sn H2612. New Superior cylinders sn's #1-G13-15607, #2-G13-15608, #3-G13-15609, #4-G13-15610. Replaced crankshaft gear and idler gear driving fuel pump with serviceable. All new seals, gaskets, bearings, bushings, connecting rod bolts, nuts, spark plugs, ignition harness. AD's were checked for compliance, see AD sheet. Engine test run and found in airworthy condition. Further details of this engine overhaul may be found at this facility under work order E4958-13-07.

James Volkel

James Volkel

Parts Used on WO# E4958-13-07

1	4370	MAGNETO	1	SL61084	SPRING (360)	4	SL13444-1	PISTON PIN WITH PLUGS
1	4371	MAGNETO	1	SL68759	DRAINBACK TUBE (360)	4	SL13790A	SHAFT,ROCKER
1	70484	SCREEN	1	SL68760	DRAIN BACK TUBE (360)	4	SL36006W-A20P	POWER ASSY NEW
1	75736	TUBE	1	SL72970	GEAR ASSEMBLY (360)	4	SL69603	INDUCTION HOSE
1	149-NU/EC	STARTER	1	SL75439-1	GASKET SET	4	SLR75906	GASKETS
1	211CC	VACUUM PUMP - OHC	1	SL77808	VALVE ASSY OIL PRESS. (360)	4	SL-STD-1821	HOSE
1	23D26777	PLUNGER	1	SL-STD-2213	SCREW	4	STD-1339	PLUG
1	359-3DC0074	HOSE ASSY	1	STD-2168	NUT	4	STD-1901	SCREW
1	624000-3-0074	HOSE ASSEMBLY	1	STD-2231	RING	8	72877 OHC	LIFTER BODY OHC
1	624000-4-0080	HOSE ASSY	1	STD-783	PLUG	8	QS100M2BH	CLAMP
1	624000-6-0110	HOSE ASSEMBLY	2	18D19394 M06	BEARING	8	QS100M6H	CLAMP
1	624000-6-0220	Hose Assy	2	AEL13884M006	Bearing	8	REM38E	SPARK PLUG
1	624000-6-0300	Hose Assy	2	CH48110-1	FILTER	8	SL11485	TUBE, SHROUD (360)
1	AE3660001HC210	HOSE ASSEMBLY	2	SL11020 M06	BEARING	8	SL12186	NUT
1	AE3660001H0300	HOSE ASSY	2	SL68761	DRAIN BACK TUBE (360)	8	SL12892	THRUST BUTTON
1	AEL75072	GEAR	2	SL75339	BAFFLE ASSY (320/360)	8	SL13521A M03	BEARING
1	LW-15472	FUEL PUMP	3	15F19957-36	ROD ASSY	8	SL74637	BUSHING
1	LW-16783-18	GAGE ASSY-OIL L	3	MS51095-333	BOLT	8	SL75061	ROD BOLT
1	M4001	HARNESS	4	94011-20	ISOLATOR, ENGIN	10	1102	PLUG
1	SL1028-B	BALL-CHROME ALLOY	4	MS21318-21	SCREW	25	SL-STD-1410	NUT
1	SL53E19600	VERNATHERM VALVE	4	MS27215-2	PLUG, DEHYDRATOR			

-END-

YEAR 20 <u>13</u> DATE	RECORDING TACH TIME	TODAY'S 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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8-15

4137.0

UNK

0.0 Hrs SHOH

Installed this Engine Lycoming Model 0-360-A4M
S/N L-23168-36A on Piper PA28-181 N5705V
and the following components installed
new set of Barry mount P/N 94011-20
new baffle kit, new mufflers
new oil and fuel hoses fabricated by Janga Enterprises.
OH actuator

prop sensenich Model 76EM815-0-60
NEW air duct hoses, new bracket air filter P/N BA-3
8 qts of crushed ND 50wt oil (Mineral)

ground run up engine, no oil leaks noted, no disere-
pancy noted, Return engine to service

Debuto main HAP 3670711 JA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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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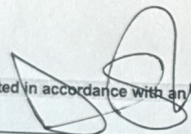
3-16-14 N5705V Engine log Tach: 153.0
ACTT: 4290.0 Eng TSN: 4290.0
Eng TSO: 153.0 16

Completed Annual inspection in accordance with part 43 appendix d and Piper PA28-181 MM inspection checklist. Drained oil, replaced oil filter, p/n CH48110-1, and serviced with 8 qt A/S 100 Mineral Oil. Inspected oil filter. No metal found. Serviced and rotated spark plugs. Differential compression check: 1-78/80, 2-74/80, 3-78/80, 4-78/80.
Matt Lindberg assisted in Annual Inspection by opening & closing inspection panels, servicing fluids and tires.

All ops and leak checks good.

ADs current through 2014-03

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition at this time.



AP3129342IA Doug Sharpe

Global Aero Maintenance Inc.
813-600-4053



6530 Tampa Executive Airport Rd
Tampa, FL 33610

N5705V - 6/18/15 - TACH: 188.8 - ENG TSO: 188.8 - COMPLIED WITH A 100HR INSPECTION ON THIS ENGINE IAW PIPER PA28-181 MM AND FAR 43 APPENDIX D. COMPRESSION RESULTS: #1-75, #2-74, #3-77, #4-74/80. DRAINED OIL, SERVICED WITH 8 QTS AEROSHELL W100+. CHANGED OIL FILTER P/ CH48110-1. OPENED AND INSPECTED OLD OIL FILTER ELEMENT. CLEANED, GAPPED, TESTED AND INSTALLED SPARK PLUGS. ADJUSTED MAG TIMING. POST RUN AND LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. REFER TO WO# VDF15-040 FOR DETAILS.
ERICH KNEES *Erich Knees* A&P 2928839

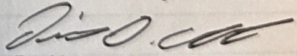
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Kustom Aviation Services, 4015 Reid ST, Hanger W2, Palatka, FL, 32177
Gary Underhill, PA28-181, N5705V, SN 28-7790500. Hobbs 2890.0
Changed oil and filter serviced with 7 qts Aeroshell 100w and Champion Oil Filter
Cut open filter and checked screen all clean no debris
Walter Beute AP/IA # 3119552 *Walter Beute*
02/13/16

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SEE NEXT PAGE

YEAR 20 16 DATE	RECORDING TACH TIME	TODAY'S 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.)
7-15	4206.9		4343.9	<p>100 Hr/ANNUAL COMPLETED IAW LYCOMING MANUALS, SEE PIPER INSPECTION REPORT.</p> <p>(1) COMPRESSION #1-⁷⁸/₈₀, #2-⁷⁹/₈₀, #3-⁷⁹/₈₀, #4-⁷⁷/₈₀</p> <p>(2) OIL DRAINED, SERVICED WITH 8 QTS AEROSHELL^{W-100}</p> <p>(3) OIL FILTER CUT OPEN, NO DEFECT NOTED.</p> <p>(4) NEW CH48110-1 FILTER, INSTALLED.</p> <p>(5) CLEANED, GAPPED, TESTED, REINSTALLED PLUGS</p> <p>(6) MAG TIMING ADJUSTED TO 25°</p> <p>(7) 500 HR MAG INSPECTION DUE^{IN} 293.1 HRS.</p> <p>(8) VALVE INSPECTION DUE IN 193.1 HRS.</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN 100 Hr/ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME AND DATE; AD'S CHECKED BY T-DATA 2016-12: Donald E Cobb IA 2022700</p>

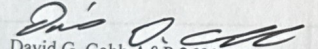
YEAR 20 17 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-10	240.0		4377.0	<p>DRAINED OIL AND REPLACED WITH 7 QTS AEROSHELL 15W50 AND 1 BOTTLE CAM GUARD. DID NOT REPLACE OIL FILTER AS THIS WAS REPLACED AT 232 HRS WHEN A&P, STEVE MORGAN, DID PREBUY. BSM owner</p>
<p>May 11, 2017 N5705V S/N 28-7790500 Hobbs 2037.8 Tach.0294.4 T.T4431.4 Lycoming O360 A4A S/NL-14413-36A SMOH 294.4 T.T.unk. Sensinich 76EM8S5-0-602 Ser#17353K SPOH 141.1</p> <p>Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Performed compression test with the following results, 1) 76/80 2) 79/80 3) 79/80 4) 79/80. A.D.s C/W per sheets in AC records.</p> <p>I certify that this engine was inspected in accordance with an annual inspection and determined to be in airworthy condition.</p> <p> David G. Cobb A&P 2680270 I/A</p>				

YEAR 20	RECORDING TACH TIME	TODAY'S 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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July 24, 2017
 N5705V S/N 28-7790500 Hobbs 3168.4 Tach.0385.8 T.T4522.8
 Lycoming O360 A4A S/NL-14413-36A SMOH 294.4 T.T.unk.
 Sensinich 76EM8S5-0-602 Ser#17353K SPOH 232.5

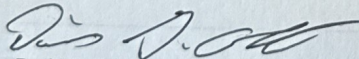
Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Performed compression test with the following results, 1) 74/80 2) 78/80 3) 78/80 4) 77/80. A.D.s C/W per sheets in AC records.

I certify that this engine was inspected in accordance with a 100hr. inspection and determined to be in airworthy condition.


 David G. Cobb A&P 2680270 I/A

August 22, 2017
 N5705V S/N 28-7790500 Hobbs Tach.0424.7 T.T4561.7

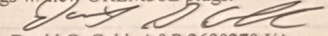
Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1.


 David G. Cobb A&P 2680270 I/A

YEAR 20	RECORDING TACH TIME	TODAY'S 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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September 22, 2017
 N5705V S/N 28-7790500 Hobbs Tach.4454.3343.7 T.T4591.3

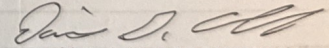
Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1 Replaced all sparkplugs w/ new UREM38E plugs.


 David G. Cobb A&P 2680270 I/A

October 9, 2017
 N5705V S/N 28-7790500 Hobbs 3289.9 Tach.4472.5 T.T4609.5
 Lycoming O360 A4A S/NL-14413-36A SMOH 381.1 T.T.unk.
 Sensinich 76EM8S5-0-602 Ser#17353K SPOH 319.2

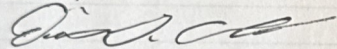
Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Performed compression test with the following results, 1) 78/80 2) 77/80 3) 77/80 4) 77/80. A.D.s C/W per sheets in AC records.

I certify that this engine was inspected in accordance with a 100hr. inspection and determined to be in airworthy condition.


 David G. Cobb A&P 2680270 I/A

YEAR	DATE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	TACH	T.T.	ALTERATIONS
December 11, 2017	N5705V S/N 28-7790500	Hobbs	Tach.4515.4	T.T4652.4	

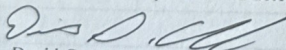
Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Removed left magnetoperformed 500 hour inspection replaced coil and internally timed. Re-installed using new gaskets and timed to engine. Replaced fuel primer pump w/ serviceable unit of the same part #. OK for service per these repairs.


David G. Cobb A&P 2680270 I/A

January 8, 2018	N5705V S/N 28-7790500	Hobbs 3407.8	Tach.4555.5	T.T4692.5	
	Lycoming O360 A4A	S/NL-14413-36A	SMOH 464.1	T.T.unk.	
	Sensinich 76EM8S5-0-602 Ser#17353K		SPOH 402.2		

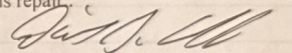
Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Replaced cylinder oil return hoses. Performed compression test with the following results, 1) 76/80 2) 74/80 3) 78/80 4) 77/80. A.D.s C/W per sheets in AC records.

I certify that this engine was inspected in accordance with a Annual. inspection and determined to be in airworthy condition.


David G. Cobb A&P 2680270 I/A

YEAR	DATE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	TACH	T.T.	ALTERATIONS
March 7, 2018	N5705V S/N 28-7790500	Hobbs	Tach.4595.2	T.T4731.2	

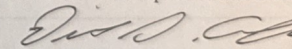
Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1.OK for service per this repair.


David G. Cobb A&P 2680270 I/A

April 20, 2018	N5705V S/N 28-7790500	Hobbs 3530.9	Tach.4637.5	T.T4774.5	
	Lycoming O360 A4A	S/NL-14413-36A	SMOH 546.1	T.T.unk.	
	Sensinich 76EM8S5-0-602 Ser#17353K		SPOH 484.2		

Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1.Replaired exhaust schroud. Performed compression test with the following results, 1) 71/80 2) 77/80 3) 74/80 4) 78/80. A.D.s C/W per sheets in AC records.

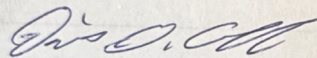
I certify that this engine was inspected in accordance with a Annual. inspection and determined to be in airworthy condition.


David G. Cobb A&P 2680270 I/A

YEAR	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	NUMBER OF ENTRIES
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May 9, 2018
 N5705V S/N 28-7790500 Hobbs Tach.4669.4 T.T4806.4

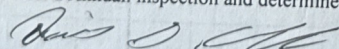
Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1.


 David G. Cobb A&P 2680270 I/A

June 26, 2018
 N5705V S/N 28-7790500 Hobbs 3666.6 Tach.4727.9 T.T4864.9
 Lycoming O360 A4A S/NL-14413-36A SMOH 636.5 T.T.unk.
 Sensinich 76EM8S5-0-602 Ser#17353K SPOH 576.4

Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Replaced exhaust schroud. Performed compression test with the following results, 1) 62/80 2) 76/80 3) 78/80 4) 77/80. A.D.s C/W per sheets in AC records.

I certify that this engine was inspected in accordance with a Annual. inspection and determined to be in airworthy condition.

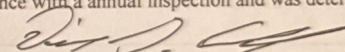

 David G. Cobb A&P 2680270 I/A

YEAR	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	NUMBER OF ENTRIES
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August 11, 2018
 N5705V S/N 28-7790500 Hobbs 6788.8 Tach.4822.0 T.T4959.0
 Lycoming O360 A4A S/NL-14413-36A SMOH 730.6 T.T.unk.
 Sensinich 76EM8S5-0-602 Ser#17353K SPOH 670.5

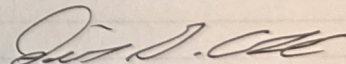
Performed annual inspection I.A.W. current Piper maintenance/shop manual and FAR 43 appendix D. AD's C/W per sheets in A/C records. Tested ELT IAW FAR 91.207 batteries dated 2022 Cleaned fuel strainers. Checked all cable tensions. Lubed all flight control bellcranks, chains, hinges, sprockets, and rod ends. Cleaned and lubed as needed all pulleys. Removed and inspected all wheels and clean, inspected, and repacked wheel bearings. Replaced ignition switch w/ new ACS520-1.

I certify that this airframe was inspected in accordance with a annual inspection and was determined to be in airworthy condition.


 David G. Cobb A&P 2680270 I/A

October 1, 2018
 N5705V S/N 28-7790500 Hobbs 3865.3 Tach.4865.9 T.T5002.9

Drained engine oil and replaced 7 QTs Aeroshell 15W50, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1.


 David G. Cobb A&P 2680270 I/A

YEAR	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)
2018	November 1, 2018 N5705V S/N 28-7790500 Hobbs3939.4 Lycoming O360 A4A S/NL-14413-36A Sensinich 76EM8S5-0-602 Ser#17353K	Tach.4919.4 T.T5056.4 SMOH 828.0 T.T.unk. SPOH 767.9

Performed annual inspection IAW Current Piper and Lycoming service data and checklist and FAR 43 appendix D. Drained engine oil and replaced 7 QTs Phillips 20/50 M oil, removed, replaced, and inspected oil filter, no defects noted P/N AA48110-1. Performed compression test with the following results, 1) 74/80 2) 78/80 3) 76/80 4) 74/80 Removed #2 cylinder because of excessive oil on the bottom plug. After inspecting rings it was noted the oil wiper ring had excessive gap of .197. Replaced all rings. w/ Superior rings using proper gaps and re honed cylinder. A.D.s C/W per sheets in AC records.

I certify that this engine was inspected in accordance with a 100 hour. inspection and determined to be in airworthy condition.

David G. Cobb
David G. Cobb A&P 2680270 I/A

11/26/2018	4942.4	DRAINED ENG OIL AND REPLACED WITH 6 QTS AEROSHELL 15W50, REMOVED AND REPLACED OIL FILTER W/ AA48110-2.	ATP
12/18/2018	4976.9	DRAINED ENG OIL AND REPLACED WITH 6 QTS AEROSHELL 15W50, 1/2 PT CAMGUARD AND REPLACED OIL FILTER W/ AA48110-2.	ATP

YEAR	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES.)
2019	REG: N5705V ENG. M/N: O-360-A4M ENG. S/N: L-23168-36A DATE: 02/08/19 HOBBS: 4066.2 TACH: 5014.9 TSO: N/A MFG: Lycoming	

ENGINE

1. COMPLETED A 100 HR. INSPECTION IAW MM.
2. Drained oil, removed oil filter, cut apart filter and inspected with no defects noticed at this time. Replaced oil filter (P/N AA48110-2), safe tied filter and filled engine with 7qts. of Aeroshell W15W-50 oil and added CamGuard Aviation oil supplement.
3. Compression test results, #1- 70/80 #2-74/80 #3-72/80 #4-76/80.
4. Cleaned & gapped all cylinder spark Plugs
5. Replaced oil return line hose on #1 and #3 cylinders (P/N 07-03398)
6. Upon inspection found broken Alternator bracket bolt. Extracted broken bolt and replaced with a new bolt.
7. AD Research current via T-Data through CD Ref. # 2019-03

I certify that this aircraft has been inspected in accordance with a 100 Hr inspection IAW FAR 43 appendix D and is approved for return to service.

Lewis Martin
LEWIS MARTIN A&P 3939236

3-19-19	TACH 5048.7	DRAINED OIL, REMOVED OIL FILTER, REPLACED WITH 6 QTS AEROSHELL 100WT AND TECPREST FILTER AA48110-2. RAN UP AND CHECKED FOR LEAKS.	ATP
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YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S 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.)
4-15-2019	5079.2			DRAINED OIL AND REMOVED FILTER. REPLACED WITH 6 QTS OF AEROSHELL 100WPLUS, AND TEMPEST AA48110-2. BSM 3311887 OWNER ATP

REG: N5705V M/N: O-360-A4M S/N: L-23168-36A MFG: Lycoming
HOBBS: 4185.7 TACH: 5105.9 DATE: 5/05/19

ENGINE

1. COMPLETED A 100 HR INSPECTION.
2. AD check current through T Data's reference CD# 2019-09
3. Drained oil, removed oil filter, cut apart filter and inspected with no defects noticed at this time.
Replaced oil filter (P/N AA48110-2), safe tied filter, filled engine with 6qts. of AeroShell W100
Plus oil.
4. Completed a compression test, results as follows: #1-65/80, #2-76/80, #3-70/80, #4-76/80

I certify that this Engine has been inspected in accordance with a 100 Hr inspection
LAW FAR 43 appendix D and was determined to be in an airworthy condition
And is approved for return to service.

Lewis Martin
Lewis Martin A&P 3939236

YEAR 20 DATE	REG# TACH TIME	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.)
	REG# N5705V Date: 5-23-2019	TACH TIME: 5142.8	Drained oil, removed filter. Replaced with <u>6</u> quarts of AeroShell <u>W100</u> , and Tempest Filter Nbr <u>AA48110-2</u> Ran up and checked for leaks. <i>BSM</i> BRUCE E. ALLEN, 3311887, Owner ATP
	REG# N5705V Date: 6-5-2019	TACH TIME: 5168.2	Drained oil, removed filter. Replaced with <u>6</u> quarts of AeroShell <u>W100</u> , and Tempest Filter Nbr <u>AA48110-2</u> Ran up and checked for leaks. <i>BSM</i> BRUCE E. ALLEN, 3311887, Owner ATP

YEAR
20
DATE

The Flight School of Gwinnett
800 Airport Rd. Ste. 101, Lawrenceville, GA 30045
(770) 513-0000

REG: N5705V ENGINE .M/N: O-360-A4M S/N: L-23168-36A MFG: Lycoming
HOBBS: N/A TACH: 5201.1 TSO: N/A DATE: 06/23/19

ENGINE

1. COMPLETED A 100 HR INSPECTION.
2. AD check current through T Data's reference CD# 2019-12
3. Drained oil, removed oil filter, cut apart filter and inspected with no defects noticed at this time. Replaced oil filter (P/N AA48110-2), safe tied filter, filled engine with 6qts. of Aerosholf W100 Plus oil.
4. Completed a compression test, results as follows: #1-75/80, #2-80/80, #3-78/80, #4-78/80
5. Removed & Replaced forward muffler due to cracking (P/N 08-00135); Replaced Exhaust Gaskets (P/N 77611); applied anti-seize compound.

I certify that this Engine has been inspected in accordance with a 100 Hr inspection IAW FAR 43 appendix D and was determined to be in an airworthy condition And is approved for return to service.

Lewis Martin

Lewis Martin A&P 3939236

REG# N5705V TACH TIME: 5234.8
Date: 7-4-2019

Drained oil, removed filter. Replaced with 6 quarts of AeroShell 100 W+, and Tempest Filter Nbr 48110-2.
Ran up and checked for leaks.

BSM
BRUCE E. ALLEN, 3311887, Owner ATP

ns and Alterations
(Certificate Number of
other specific entries.)

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
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.)

August 20, 2019 Lycoming O-360-A4M Total Time: UNK SMOH: 1210.7

Ran engine, drained engine oil compression check: cyl. #1: 76/80, #2: 76/80, #3: 76/80, #4: 76/80, removed, cleaned and inspected oil filter and suction screen, installed new filter: AA48110-2, torqued and saftied both screen and filter, replaced air filter p/n: BA-3, ignition timing checked, installed new spark plugs, serviced engine with 6 qts. AS 100 PLUS, inspected engine, inspected prop hub and blades, ground ran engine for performance/leak checks: good. 100 hour inspection complete.

Gary Austin
Gary Austin A&P 2613845

REG: N5705V ENGINE .M/N: O-360-A4M S/N: L-23168-36A MFG: Lycoming
HOBBS: 4539.0 TACH: 5382.1 TSO: N/A DATE: 10/13/19

ENGINE

1. COMPLETED A 100 HR INSPECTION.
2. AD check current through T Data's reference CD# 2019-19
3. Drained oil, removed oil filter, cut apart filter and inspected with no defects noticed at this time. Replaced oil filter (P/N AA48110-2), safe tied filter, filled engine with 6qts. of AeroSholl W100 Plus oil.
4. Completed a compression test, results as follows: #1-78/80, #2-79/80, #3-77/80, #4-79/80
5. Removed & Replaced Intake Gasket on #1 Cylinder (P/N: 71973).

I certify that this Engine has been inspected in accordance with a 100 Hr inspection IAW FAR 43 appendix D and was determined to be in an airworthy condition And is approved for return to service.

Lewis Martin
Lewis Martin A&P 3939236

YEAR 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S 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.)
1-17-2020	5436.7			DRAINED OIL AND REMOVED FILTER. REPLACED WITH 6 QTS AEROSHELL 15W50 AND TEMPEST FILTER AA48110-2. RAN UP AND CHECKED FOR LEAKS. <i>BSM</i> ATP3311887 PI 5/21

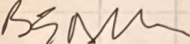
REG: N5705V ENGINE M/N: O-360-A4M S/N: L-23168-36A MFG: Lycoming
 HOBBS: 4653.0 TACH: 5470.9 TSO: N/A DATE: 03/13/2020

ENGINE

1. COMPLETED A 100 HR INSPECTION.
2. AD check current through T Data's reference CD# 2020-05
3. Drained oil, removed oil filter, cut apart filter and inspected with no defects noticed at this time. Replaced oil filter (P/N AA48110-2), safe tied filter, filled engine with 6qts. of Aeroshell W15W-50 oil.
4. Completed a compression test, results as follows: #1-74/80, #2-78/80, #3-77/80, #4-76/80
5. Removed Spark Plugs; Cleaned, Inspected, Gapped, Applied anti-seize, re-installed, and torqued plugs to 35 ft lbs

I certify that this Engine has been inspected in accordance with a 100 Hr inspection IAW FAR 43 appendix D and was determined to be in an airworthy condition And is approved for return to service.

Lewis Martin
 Lewis Martin A&P 3939236

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
				REG# <u>N5705V</u> HOBBS TACH <u>5470.2</u> DATE <u>3-30-2020</u> DRAINED OIL, REMOVED FILTER AND CUT OPEN FILTER AND INSPECTED. REPLACED WITH <u>6</u> QTS OF AEROSHELL <u>100W+</u> OIL AND TEMPEST OIL FILTER AA <u>48110-2</u> . RAN UP AND CHECKED FOR LEAKS.  BRUCE E. ALLEN, ATP3311887

N 5705V Tach: 5566.² Hobbs: 4775.8 06/15/2020

Engine:

Performed 100hr/ annual inspection for engine in accordance with manufacturers MM and FAR 43 appendix D. Performed compression check as follows: #1 78, #2 76, #3 75, #4 77. Checked engine timing no faults noted. Changed oil with 7 Qts of Aeroshell W100 plus with new oil filter. Cut Open old oil filter, no contaminants found. Checked all AD's with T data. Ran up engine and checked for leaks found none. This aircraft has been inspected IAW 100/annual inspection and found to be in airworthy condition at this time. This aircraft is approved for return to service.

Richard Buice A&P/IA 3088506

Rich B.

7-9-2020 TACH 56020
 N5705V

DRAINED ENGINE OIL, REMOVED OIL FILTER.
 REPLACED WITH 7 QTS PHILLIPS 100AW VICTORY
 OIL AND TEMPEST FILTER AA48110-2.

BSM ATP3311887

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
N 5705V			7-31-2020	Tach: 5662.8
Hobbs: 4896.1			100hr/Annual	

Engine:
 Performed a 100hr/ Annual inspection IAW FAR 43 Appendix D and Manufacturers maintenance manual. Ran up engine and compression checked as follows: # 1 78, #2 77, #3 74, #4 78. Checked timing, no faults noted. Removed cleaned, gapped and reinstalled plugs and checked fuel screen. Installed new air filter and checked all exhaust connections. Checked AD's IAW AD toolbox. This engine has been inspected for a 100hr/Annual inspection and has been found to be in airworthy condition at this time. This aircraft is approved for return to service.

Note: Installed new oil filter + 7 qts Phillips 50w

Richard Buice A&P/IA 3088506 *[Signature]*

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
N 5705V			AFTT:5758.3	ETT: 1622.3 Date: 9-16-2020

Engine:
 Performed 100hr/Annual inspection IAW FAR 43 Appendix D and Manufacturers Maintenance Manual. Compressions as follows: #1 78, #2 77, #3 78, #4 79. Checked engine timing no faults noted. Removed spark plugs, cleaned gapped and tested, Replaced 4 new plugs UREM 40E. Drained engine oil and cut open filter, no contaminants found. Filled with 6.5 Qts of Phillips 50W and new oil filter. Ran up engine and checked for leaks. No faults noted. This engine has been inspected for a 100hr/Annual inspection and has been found to be in airworthy condition at this time. This Engine is approved for return to service.

Richard Buice A&P/IA 3088506 *[Signature]*

10/12/2020 TACH 5810.7
 DRAINED ENGINE OIL, REPLACED WITH 7 QTS PHILLIPS VICTORY 20W50, REMOVED OIL FILTER AND REPLACED WITH TEMPEST AA48110-2. REMOVED, CLEANED, GAPPED, ROTATED SPARK PLUGS. RAN UP, CHECKED FOR LEAKS, RETURNED TO SERVICE.

[Signature] A03311867

ETT: 1717.2

Date: 11-5-2020

N 5705V

AFTT: 5853.2

Engine:

Performed 100hr/Annual inspection IAW FAR 43 Appendix D and Manufacturers Maintenance Manual. Compressions as follows: #1 77, #2 76, #3 77, #4 77. Checked engine timing no faults noted. Removed spark plugs, cleaned gapped and tested, Replaced 4 new plugs UREM 40E. Drained engine oil and cut open filter, no contaminants found. Filled with 6.5 Qts of Phillips 20w-50 and new oil filter 48110-2. Ran up engine and checked for leaks. Replaced fuel strainer bail wire P/N 100871-002. This engine has been inspected for a 100hr/Annual inspection and has been found to be in airworthy condition at this time. This Engine is approved for return to service.

Richard Buice

A&P/IA 3088506

12-17-20 TACH 5901.9 Changed oil with new tempest AA48110-2 AND 6 QTS PHILLIPS VICTORY 20W50.

BSM ATT3311887

YE 20 D/E

N 5705V

AFTT: 5950.9

ETT: 1814.9

Date: 1-6-2021

Engine:

Performed 100hr/Annual inspection IAW FAR 43 Appendix D and Manufacturers Maintenance Manual. Compressions as follows: #1 78, #2 78, #3 69, #4 77. Checked engine timing, no faults noted. Drained engine oil and cut open filter, no faults noted. Filled with 6.5 qts of Victory 20w50 and new filter AA 48110-2. Removed spark plugs and cleaned, gapped and reinstalled. Replaced one urem 40E due to cracked insulator in # 2 cylinder. This Engine has been inspected for a 100hr/Annual inspection and has been found to be in airworthy condition at this time. This Engine is approved for return to service.

Richard Buice

A&P/IA 3088506

2/25/21 TACH 6000.4

DRAINED ENGINE OIL, REMOVED FILTER. CUT FILTER OPEN AND INSPECTED. REPLACED WITH 7 QTS AEROSHELL W100T OIL AND TEMPEST AA48110-2. RAN UP, CHECKED FOR LEAKS, RETURNED TO SERVICE.

BSM ATT3311887

YEAR
20 _____
DATE



CHEROKEE FLIGHT, LLC
1350 BISHOP RD, SUITE 118
BALL GROUND, GA 30107

airs and Alterations
(Certificate Number of
or other specific entries.)

3/18/2021

N5705V

Serial #28-7790500 Hobbs 5370.8 Tach 6046.2 TTAF 6046.2

Lycoming O-360-A4M S/N L- 23168-36A

SMOH 1910.0

Performed 100hr inspection I.A.W. current Piper and Lycoming maintenance/shop manual and FAR 43 append D. Complied with A.D.'s per sheets in aircrafts records AD Toolbox). Drained engine oil and replaced with AeroShell W100+, removed and replaced oil filter with Tempest P/N AA 48110-2, checked for metal, cut open filter, no metal found. Performed compression test with the following results, 1) 76/80 2) 78/80 3)78/80 4) 76/80 removed,cleaned and gapped spark plugs.

I certify that this engine was inspected in accordance with an 100hrinspection and was determined to be in airworthy condition.

GREGORY C. STINE A&P3519272

4-6-2021	TACH 6093.6		DRAINED OIL, REMOVED FILTER. REPLACED WITH 6 QA AEROSHELL W100+ AND TEMPEST AA48110-2 FILTER. BSM [Signature] AIP 3311887
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YEAR

20

DATE



CHEROKEE FLIGHT, LLC
1350 BISHOP RD, SUITE 118
BALL GROUND, GA 30107

Repairs and Alterations

(and Certificate Number of
or other specific entries.)

5/5/2021

N5705V Serial #28-7790500 Hobbs 5482.1 Tach 6139.7 TTAF 6139.7
Lycoming O-360-A4M S/N L- 23168-36A SMOH 2003.5

Performed 100hr inspection I.A.W. current Piper and Lycoming maintenance/shop manual and FAR 43 appendix D. Complied with A.D.'s per sheets in aircrafts records AD Toolbox). Drained engine oil and replaced with AeroShell W100+, removed and replaced oil filter with Tempest P/N AA 48110-2, checked for metal, cut open filter, no metal found. Performed compression test with the following results, 1) 73/80 2) 78/80 3)76/80 4) 78/80. removed,cleaned and gapped spark plugs.

I certify that this engine was inspected in accordance with an 100hrsinspection and was determined to be in airworthy condition.

GREGORY C. STINE A&P3519272

5/28/21

TACH

6187.10

REMOVED FROM N5705V AND
SHIPPED TO PINNACLE AIRCRAFT
ENGINES AS CORE.