

ENGINE DESCRIPTION

LYCOMING - WILLIAMSPORT, PENNA.

Manufacturer:

Serial No.

Serial No. L-36194-36A

Horsepower:

Horsepower: 180

Model:

0-360-A4M

FAA T. C. No.

FAA T. C. No. E286

[illegible]

ENGINE September 2, 1998

Hobbs: 28.9

N917TC

Total Time: 28.9

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Mineral 50W oil. Performed a ground run. Operational and leak check good after repairs.



Chris Travis, A & P 335842189

Engine Time

ENGINE LOG

ENGINE September 11, 1998

Hobbs: 54.2

N917TC

Total Time: 54.2

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed a ground run. Operational and leak check good after repairs.



Chris Travis, A & P 335842189

AirMart.com
AIRCRAFT SALES & BROKERAGE

ENGINE September 28, 1998

Hobbs: 102.5

N917TC

Total Time: 102.5

Changed the oil and filter. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed a ground run. Operational and leak check good after repairs.



Chris Travis, A & P 335842189

ENGINE October 22, 1998

Hobbs: 154.1

N917TC

Total Time: 154.1

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Removed oil pressure sending unit part #548-729. Installed new oil pressure sending unit part #548-729. Performed a ground run. Operational and leak check good after repairs.



Chris Travis, A & P 335842189

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

ENGINE October 16, 1998 Tach: 126.7 Total Time: 126.7 N917TC

Performed an Annual Inspection in accordance with FAR 43, Appendix D, and using a Piper PA28-181 Checklist. Airworthiness Directive compliance checked through Revision 98-20M. See Airworthiness Directive Compliance Status Report.


Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed a compression check in accordance with Lycoming S.L. 1191, with results as follows:

#1 - 76/80; #2 - 76/80; #3 - 76/80; #4 - 76/80; minimum - 60/80.

Timed the left and right magnetos to 25°.

Ground run and leak check completed in accordance with FAR 43.15(c)(2), (i) through (iv), and was found to be satisfactory.

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


John Ferrall
A&P 520662130 IA

For Aviation Sales, Inc.
Work Order No. 11541

and Remarks

N917TC

Hobbs: 189.7

ENGINE November 3, 1998

Total Time: 189.7

Changed the oil and filter. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed a ground run. Operational and leak check good after repairs.

Chris Travis, A & P 335842189

N917TC

Engine Log


Hobbs 268.3


DRAINED AND CHANGED OIL, INSPECTED FILTER/ GREEN, CLEANED SCREEN/ INSTALLED NEW FILTER, ENGINE RUN UP AND LEAK CHECK SATISFACTORY. 15W50 Aeroshell

SIGNATURE  **C.R.S. NO. X04R853M w/o 6339**


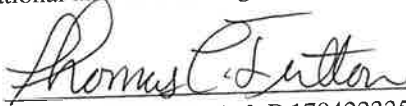
Certificate No.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
ENGINE January 29, 1999 Tach: 301.5 N917TC Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 7 quarts of Aeroshell SAE15W50 oil. Performed a ground run. Operational and leak check good after repairs.				
For Aviation Sales, Inc. Work Order No. 11617			 Thomas C. Fulton A&P 170422335	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
ENGINE May 10, 1999 Hobbs: 326.9 Total Time: 326.9 N917TC Performed an Annual Inspection in accordance with FAR 43, Appendix D, and using a Piper checklist, Part No. PA28-181. Airworthiness Directive compliance checked through Revision 99-08. Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 7 quarts of Aeroshell SAE 15W50 oil. Performed a compression check in accordance with Lycoming S.I. 1191, with results as follows: #1 - 72/80; #2 - 74/80; #3 - 74/80; #4 - 72/80; minimum - 60/80 Ground run and leak check completed in accordance with FAR 43.15(c)(2), (i) through (iv), and was found to be satisfactory. I certify that this engine has been inspected in accordance with an Annual Inspection and is determined to be in airworthy condition.		
For Aviation Sales, Inc. Work Order No. 11681	Thomas C. Fulton, A&P 170422335 IA	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
ENGINE July 21, 1999			Total Time: 360.6	N917TC
Changed the oil filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed a ground run. Operational and leak check good after repairs.				
For Aviation Sales, Inc. W.O. No. 11697				
 John Ferrall, A & P 520662130				
ENGINE December 30, 1999			Hour Meter: 415.0	N917TC
Total Time: 415.0				
Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 7 quarts of Aeroshell SAE 15W50 oil.				
Performed a ground run. Operational and leak check good after repairs.				
For Aviation Sales, Inc. W. O. No. 11912				
 Thomas C. Fulton, A & P 170422335				
Total To Carry For				

ENGINE September 28, 1999 Hour Meter 439.4

N917TC

Total Time: 439.4

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15w50 oil.

Complied with Piper S.L. 1024, induction airbox air valve bushing improvement, by installing modification kit, Part No. 766-666.

Performed a ground run. Operational and leak check good after repairs.

For Aviation Sales, Inc.

W.O. No. 11780


Steve Schlueter, A & P 506764251

Certificate No.

ENGINE July 7, 2000 Tach: 415.2 Total Time: 415.2 **N917TC**

Performed an Annual Inspection in accordance with FAR 43, Appendix D, and using Piper PA28-181 checklist. Airworthiness Directive Compliance checked through Revision 2000-13.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 7 quarts of Aeroshell SAE 15w50 oil. Performed compression check in accordance with Lycoming S. I. 1191 with results as follows: #1-71/80; #2-71/80; #3-71/80; #4-71/80.


Replaced all rocker box gaskets with new.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

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

For Aviation Sales, Inc.

W. O. No. 12151


Mark E. Biron, A&P 2387920 IA

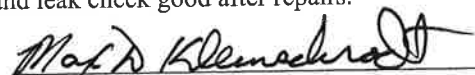
ENGINE LOG

Date

ENGINE May 7, 2001 Hobbs: 419.7 Total Time: 419.7 **N917TC**

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Serviced with 8 quarts of Aeroshell SAE 15w50 oil. Performed a ground run. Operational and leak check good after repairs.

For Aviation Sales, Inc.
W.O. 12593


Max D. Kleinschrodt, A&P 476802692

tenance

ENGINE

October 12, 2001 Tach Time: 420.0 Hobbs Time: 441.1 **N917TC**

Performed an Annual Inspection in accordance with FAR 43, Appendix D and using Piper checklist, Part No. 761-883. Airworthiness Directive compliance checked through Revision 2001-19.

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

For Aviation Sales, Inc.
W.O. 12881


Michael Shrader, A&P 521029038 IA

ENGINE October 12, 2001 Tach Time: 420.0 Hobbs Time: 441.1 **N917TC**

Performed a 100 Hour Inspection in accordance with FAR 43, Appendix D and using Piper checklist, Part No. 761-883. Airworthiness Directive compliance checked through Revision 2001-19.

Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 78/80; #2 - 78/80; #3 - 76/80; #4 - 76/80; minimum - 60/80.

Complied with 400 hour inspection of valve train. Inspected per Lycoming maintenance manual. Replaced rocker cover gasket. Run up leak check good.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and is determined to be in airworthy condition.

For Aviation Sales, Inc.
W.O. 12881

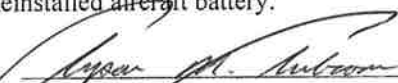

Ronald C. Gish, A&P 523046946

ENGINE June 20, 2002 Total Time: 446.7 **N917TC**

Changed the oil and filter. Cut the filter open. No abnormal contaminants were noted. Obtained oil sample to submit for analysis. Serviced with 8 quarts of Aeroshell SAE 15w50 oil. Performed a ground run. Operational and leak check good after repairs.

Removed aircraft battery. Serviced and charged aircraft battery as needed. Operational check good. Reinstalled aircraft battery.

For Aviation Sales, Inc.
W.O. 13332


Tyson M. Teeboom, A&P 2510451

Tot
Cal

ENGINE LOG

ENGINE February 1, 2003 Hobbs: 452.7 Tach: 430.7 **N917TC**

Total Time: 430.7 Prop Total Time: 430.7

Performed an Annual Inspection using Piper PA28-181 checklist and FAR 43, Appendix D. Airworthiness Directiveness compliance checked through Revision 2003-01.

Changed oil filter. Cut filter open, no abnormal contaminants noted. Serviced with 8 quarts of Aeroshell SAE 15W50 oil. Performed compression check with the results as follows: #1 - 76/80; #2 - 76/80; #3 - 74/80; #4 - 76/80; Minimum - 60/80.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

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

For Aviation Sales, Inc.
W.O. No. 13666


Mark E. Biron, A & P 2387920 IA

ENGINE September 16, 2003 Hobbs: 276.5 Tach Time: 435.9 **N917TC**

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 8 quarts of Aeroshell SAE 15w50 oil. Performed ground run. Operational and leak checks good after repairs.

For Aviation Sales, Inc.
W.O. No. 13979


Gerald F. Kusmider, A&P 523195989

and Remarks

Signature

Certificate No.

ENGINE March 18, 2004 Hobbs: 483.5 **N917TC**

Performed an Annual Inspection using the Piper checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2004-04.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 7 quarts of Aeroshell SAE 15-50 oil. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 76/80; #2 - 75/80; #3 - 73/80; #4 - 72/80; minimum - 60/80.

Timed magnetos per the manufacturer's specifications.


Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

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

For Aviation Sales, Inc.
W. O. 14211


Merle R. Smith, A&P 585366935 IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
ENGINE	May 2, 2005	Tach: 462.4	Hobbs: 486.4	Total Time: 486.4 N917TC
<p>Performed an Annual Inspection using the Piper PA28-181 checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2005-08.</p> <p>Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 8 quarts of Aeroshell SAE 15w50 oil. Performed ground run. Operational and leak checks good. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 75/80; #2 - 72/80; #3 - 75/80; #4 - 73/80.</p> <p>Lycoming S.B. 565 engine drive fuel pump inspection is not applicable due to date installed.</p> <p>Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.</p> <p>I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p>				
For Aviation Sales, Inc.	 Merle R. Smith, A&P 585366935			
W.O. 14593				
Total To Carry Forward				

ENGINE September 6, 2006
Total Time: 503.1

Hobbs: 503.1

Tach: 486.3

N917TC

No.

D. Airworthiness Directive compliance checked through Revision 2006-17.
Changed oil and filter. Cut filter open. No blockage.

Changed oil and filter. Cut filter open. No abnormal contaminants noted. Serviced with 8 quarts of Aeroshell SAE 15w50 oil. Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 72/80; #2 - 72/80; #3 - 71/80; #4 - 67/80; minimum - 60/80.

Complied with 500 hour magneto inspection.

Removed alternator brushes and replaced with new parts. Operational check good.
Ground run and leak check completed in second shift.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

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

For Aviation Sales, Inc.
W.O. 15092

Timothy M. Orloff, A&P 523844045 IA

ENGINE LOG

ENGINE June 12, 2007 Tach: 481.6 Hobbs: 507.0 N917TC

Total Time: 481.6

Performed an Annual Inspection using the Piper PA28-181 checklist and FAR 43, Appendix D. Airworthiness Directive compliance checked through Revision 2007-11.

Performed compression check in accordance with Lycoming S.I. 1191 with results as follows: #1 - 75/80; #2 - 72/80; #3 - 75/80; #4 - 71/80; minimum - 60/80.

Ground run and leak check completed in accordance with FAR 43.15 (c)(2), (i) through (iv) and was found to be satisfactory.

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

For Aviation Sales, Inc.
W.O. 15421

Michael A. Meyers
Michael A. Meyers, A&P 18409441A

Total To
Carry Forward

and Remarks

Signature

Certificate No.

8/1/2007 TACH: 507 Ran Up A/C for Compression Checks:

① 78/80 ② 75/80 ③ 70/80 ④ 76/80 Changed Oil &

Filter & Serviced w/ 8 qts 100W Plus Aeroshell / Cat F. Hg.

Open For Inspection & Found OK / Cleaned Lower Plugs &

Replaced 4) ea M-674 Gaskets / Replaced Oil Filler Tube

Gasket / Checked Induction & Exhaust System OK

Ran Up & STARTED OK David E Jones A&P #7642628

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
		N917TC	10/15/2007	
		Piper PA-28-181	S/N: 2843167	
		Lycoming O-360 A4M	S/N: L-36194-36A	
		Tach: 518 hrs		
		R & R Both mags for 500hr service & inspection -see attached tags/ Run up & static RPM OK		
		<u>David E Jones</u>	A&P #76426228	
Total To Carry Forward				

and Remarks

10/15/07

MAINTENANCE RELEASE: SERVICEABLE PARTS TAG

The magneto described below was: ☒ Inspected per appr. manufacturer's manual
☒ Repaired as necessary
☒ Overhauled per appr. Manufacturer's Manual
 And tested in accordance with Federal Aviation Regulations. Approved for return to service. All parts used listed on Work Order # 8360 on record at this facility.

10/15/07

MAINTENANCE RELEASE: SERVICEABLE PARTS TAG

The magneto described below was: ☒ Inspected per appr. manufacturer's manual
☒ Repaired as necessary
☒ Overhauled per appr. Manufacturer's Manual
 And tested in accordance with Federal Aviation Regulations. Approved for return to service. All parts used listed on Work Order # 8361 on record at this facility.

Manufacturer Bendix / TCM / Slick Model Number 4370

Serial Number 93030693 Part Number

Notes: NO APPLIC AD'S See AD compliance Record dated

Signed Sha. Paul Certificate # AV268866217 Date 10/10/07

Maxwell's Magneto Shop

120 Aviation Blvd • Bunnell, FL 32110 • Phone 800-255-5805

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	N917TC		1/19/2008	
	Piper PA-28-181		S/N: 2843167	
	Lycoming O-360 A4M		S/N: L-36194-36A	
	Tach: 539.5 hrs			
	Compression: 1) 78/80 2) 77/80 3) 75/80 4) 77/80			
	Changed oil & filter & serviced w/8 qts 15W-50			
	aeroshell / Cut filter element for inspection & found			
	OK / Cleaned sparkplugs / Checked engine controls OK			
	/ Checked Induction & Exhaust systems OK / Run up			
	& static RPM OK			
	<u>David E Jones</u>		A&P #76426228	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
N917TC Piper PA-28-181 Lycoming O-360 A4M Tach: 578 hrs	3/19/2008 S/N: 2843167 S/N: L-36194-36A	
Compression: 1) 78/80 2) 77/80 3) 76/80 4) 77/80 Changed oil & filter & serviced w/8 qts 15W-50 aeroshell / Cut filter element for inspection & found OK / Cleaned sparkplugs / Checked engine controls OK / Checked Induction & Exhaust systems OK / Run up & static RPM OK		
<u>David E Jones</u> A&P #76426228		

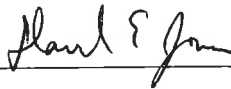
ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	N917TC		5/22/2008	
	Piper PA-28-181		S/N: 2843167	
	Lycoming O-360 A4M		S/N: L-36194-36A	
	Tach: 610 hrs			
	Compression: 1) 78/80 2) 78/80 3) 78/80 4) 77/80			
	Changed oil & filter & serviced w/8 qts 15W-50			
	aeroshell / Cut filter element for inspection & found			
	OK / Cleaned sparkplugs / Checked engine controls OK			
	/ Checked Induction & Exhaust systems OK / Run up			
	& static RPM OK			
	<u>David E. Jones</u>		A&P #76426228	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
N917TC Piper PA-28-181 Lycoming O-360 A4M Tach: 637.3hrs	6/10//2008 S/N: 2843167 S/N: L-36194-36A	
Compression checks: (1) 78/80 (2) 78/80 (3) 78/80 (4) 78/80 / Changed oil & filter & serviced w/8qts 100W Plus aeroshell / Inspected filter element -ok / Replaced (8) REM38E sparkplugs / Checked engine controls -ok / Checked induction & exhaust systems -ok / Replaced air filter W/Bracket assembly # BA-104 per STC# SA693CE -see337 this date / Run Up & Static RPM OK		
<u>David E Jones</u> A&P # 76426228		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
		N917TC		11/10/2008
		Piper PA-28-181		S/N: 2843167
		Lycoming O-360 A4M		S/N: L-36194-36A
		Tach: 695.3 hrs		
		Compression checks: (1) 78/80 (2) 78/80 (3) 78/80		
		(4) 78/80 / Changed oil & filter & serviced w/8qts		
		15w-50 aeroshell / Inspected filter element -ok /		
		Checked engine controls -ok / Checked induction &		
		exhaust systems -ok / Run Up & Static RPM OK		
		<u>David E Jones</u>	A&P # 76426228	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
N917TC	3/16/2009	
Piper PA-28-181	S/N: 2843167	
Lycoming O-360 A4M	S/N: L-36194-36A	
Tach: 733.3 hrs		
Compression: 1) 78/80 2) 77/80 3) 78/80 4) 77/80 Changed oil & filter & serviced w/8 qts 15W-50 aeroshell / Cut filter element for inspection & found OK / Cleaned lower sparkplugs / Replaced (4) ea #75906 valve cover gaskets / Checked engine controls OK / Checked Induction & Exhaust systems OK / Run up & static RPM OK		
 A&P #76426228		

AD NOTES COMPLIANCE RECORD

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature Number
59-10-07	Cylinder baffle clamps			X			
64-16-05	Oil seal failure			X			
66-20-04	Oil filter adaptor gasket			X			
73-23-01 R4	Piston pin failures			X			
75-08-09 R3	Oil pump			X			
81-18-04 R2	Oil pump			X			
87-10-06 R1	Rocker arm assemblies			X			
90-04-06 R1	Prop governor oil line			X			
91-14-22	Crankshaft gear retaining bolt			X			
92-12-05	Piston pin failure			X			
93-05-21	AC, Textron, Rajay fuel pumps			X			
93-11-11	AC, Textron, Rajay fuel pumps			X			
94-14-13	Low octane detonation			X			
95-07-01	Connecting rod bolts			X			
95-26-02	Low octane detonation			X			
96-09-10	Oil Pumps			X			
97-01-03	Piston pin			X			
97-15-11	Piston pin			X			
98-17-11	Crankshafts			X			
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt		N/A No Subst. Stop		X		
2005-19-11	Prevent failure of the crankshaft		N/A	X			
2005-26-10	To prevent loss of engine power due to cracks in the cylinder assemblies		N/A	X			
2006-06-16	To prevent failure of the crankshaft		N/A	X			
2006-10-21	CORRECTION - To prevent fatigue failure of the connecting rod and a possible uncommanded shutdown of the engine.		N/A	X			
2006-12-07	To prevent loss of engine power due to cracks in the cylinder assemblies		N/A	X			

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-18-2009	Brought Forward →		738.6	REMOVED AND REPLACED CUT OLD FILTER OPEN FOR FOUND -
Total To Carry Forward				

and Remarks	Signature	Certificate No.
CHAMPION CH48110-1 OIL FILTER. PRE-BUY INSPECTION. NO CONTAMINATES	<i>[Signature]</i>	3044037 AAP-



4029 Airport Road, Suite 300 Lexington, KY 40510 859-255-1902

Engine Log Book

Date: June 19, 2009
Reg No: N917TC
AF Total Time: 749.0
Eng Total Time: 749.0

Aircraft: PA28-181
Hobbs: 791.7
Prop Total Time: 749.0

Work Order: M-09-0277
Serial No: 2843167
Tach: 749.0

- I certify that this engine has been inspected in accordance with an Annual inspection and found to be in airworthy condition. Inspection performed in accordance with FAR 43 appendix D, using the Piper PA28 Maintenance Manual inspection guide as a reference.
- Serviced engine with 7 quarts Aeroshell 15W50 oil and new CH48104-1 filter. Cut open old filter and inspected. No particles found.
- Compressions: 1: 76 2: 75 3: 72 4: 74
- Timed both magnetos to specs. Installed new gasket under left mag.
- Aircraft ground ran and operationally checks good. No leaks found.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 6-19-09

Signed

[Signature]
Thomas A Ferguson APLA 3020594

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-11-2010	Brought Forward →	774.0	774.0	COMPLETS ANNUAL INSPECTION IAW PIPER PA28-181 CHECKLIST. DRAINED OIL. CHECKED COMPRESSION. REPLACES FILTER WITH NEW CHAMPION CH48110-1. INSPECTS & CLEANS OIL SUCTION SCREEN. CHECKS MAGNETO TO ENGINE TIMING. CLEANS, GAPS, TESTS, & ROTATES SPARK PLUGS. INSPECTED CARB. INLET SCREEN. INSPECTS MUFFERS & EXHAUST. WASHES & RUN ENGINE. NO LEAKS OR DEFECTS NOTES. AD'S CHECKED THROUGH 2010-12. ENGINE WAS SERVICED WITH 8 QTS AEROSHELL 15W-50.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>6-11-2010 TACH 774.0 HR. METER TOTAL TIME 774.0</p> <p>PROP TIME 774.0 OVERHAUL DUE OVHL. DATE DUE</p> <p>COMPRESSION: (1) 72 (2) 70 (3) 75 (4) 74 (5) (6)</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>100 HOUR A & P</p> <p>ANNUAL 70/80 A1 3439735</p> <p>TIFFIN-AIRE INC. TIFFIN, OHIO 44883</p>		

N917TC Engine Log Date 07/14/2011 Tach Time 783.0 Total Time 783.0

Annual inspection completed this date in accordance with Piper PA28-181 checklist. Compression 1) 72/80; 2) 70/80; 3) 74/80; 4) 70/80. Drained oil. Installed 8 quarts Aeroshell SAE 15W50 and CH48110-1 filter. Checked oil suction screen. Checked mag timing and inspected spark plugs. Cleaned electric fuel pump screen and gascolator screen. Inspected carb inlet screen. Inspected exhaust system. All applicable ADs through 11-14 complied with.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Work Performed by Tiffin Aire, Inc

Signature JR. McLevin IA3462159

N 917TC Engine Log Date 07/26/2012 Tach Time 814.6 Total Time 814.6

Completed annual inspection in accordance with PA28-181 checklist. Drained oil. Checked compression: 1) 76, 2) 75, 3) 78, 4) 76. Replaced oil filter with new Champion CH48110-1. Inspected and cleaned oil suction screen. Checked magneto to engine timing. Cleaned, tested, and rotated spark plugs. Drained carburetor bowl. Inspected inlet screen. Serviced engine with 8 quarts Aeroshell 15W50. Performed 400 hour 75906. Replaced cracked primer hose. Remove and replace air filter with BA-3 filter. AD's checked through 2012-14. Cleaned engine with solvent, run and leak checked.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Repair Station #DTXR341D

Work Order #

Signature

[Signature]

IA3462159

TIFFIN AIRE

N917TC Engine Log Date 7/23/2013 Tach time 856.7 Total time 856.7

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER FORM 767-008. DRAINED OIL. CHECKED COMPRESSION: 1) 77, 2) 75, 3) 75, 4) 74. INSPECTED AND CLEANED OIL SUCTION SCREEN. REPLACED OIL FILTER WITH NEW CHAMPION CH48110-1. CHECKED MAGNETO TO ENGINE TIMING. CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS. DRAIN CARBURETOR BOWL. INSPECTED FUEL INLET SCREEN. REPLACED INTAKE GASKETS P/N: 71973 AND HOSES P/N: 69603. REPLACED ROCKER GASKETS WITH NEW SILICON TYPE P/N: RG75906. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ENGINE WITH SOLVENT. RUN AND LEAK CHECKED. NO DEFECTS NOTED. AD'S CHECKED THROUGH 2013-11.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

[Signature]

AI3439735

August 14, 2014 Piper PA28-181 N917TC S/N: 28143176 TACH: 905.5 TTAF: 905.5 Lycoming O-360-A4M. S/N: L-36194-36A. Complied with 100hour/Annual Inspection in accordance with Piper PA28-181 Service Manual, Service Manual Periodic Inspection 100 Hour, Lycoming O-360 Service manual, and Standard Checklist. Cleaned engine and inspected. Drained oil, removed filter and inspected. No metal noted. Installed new Champion CH48110-1 filter. Compressions as follows: #1=77/80 #2=76/80 #3=70/80 #4=76/80. Replaced intake filter with P/N: BA-3. Removed spark plugs, cleaned, inspected, gapped, tested and reinstalled. Inspected and pressure tested exhaust system. Replaced missing cotter key on carburetor heat control. Inspected and cleaned fuel pump and gascolator screens. Serviced with 8 qts. AeroShell 15W50 oil. Engine run up and leak/operational checked. All checks good. I certify this engine has been inspected in accordance with a 100 Hour/Annual inspection and found to be in airworthy condition. K.M. Lantz A&P3322943IA *[Signature]*

Signature

Certificate No.



Southern Star Aviation

131 Airport Drive

Midlothian, TX 76065

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

August 22, 2015 Piper PA28-181 N917TC S/N:

28143176 TACH: 908.8 TTAF: 908.8 Lycoming O-360-

A4M. S/N: L-36194-36A. Complied with

100hour/Annual Inspection in accordance with Piper

PA28-181 Service Manual, Service Manual Periodic

Inspection 100 Hour, Lycoming O-360 Service manual,

and Standard Checklist. Cleaned engine and

inspected. Drained oil, removed filter and inspected.

No metal noted. Installed new Champion CH48110-1

filter. Compressions as follows: #1=78/80 #2=78/80

#3=77/80 #4=72/80. Replaced intake filter with P/N:

BA-3. Removed spark plugs, cleaned, inspected,

gapped, tested and reinstalled. Inspected and pressure

tested exhaust system. Inspected and cleaned fuel

pump and gascolator screens. Serviced with 8 qts.

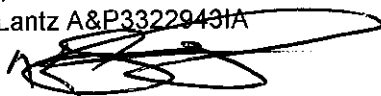
AeroShell 15W50 oil. Engine run up and

leak/operational checked. All checks good. I certify this

engine has been inspected in accordance with a 100

Hour/Annual inspection and found to be in airworthy

condition. K.M. Lantz A&P33229431A




Southern Star Aviation

131 Airport Drive

McMahan, TX 76065

and Remarks

Signature

Certificate No.

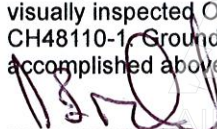


Tel: 954-816-7399 Fax: 954-942-4700 afmohamed@hotmail.com


02-15-16 N917TC PA28-181 S/N: 2843167 TACH: 933.40 H.M: 944.40


ENGINE:

Ground run to warm up engine. Changed oil and filter. Cleaned suction screen new crush gasket P/n: MS35769-21. Took oil sample, Blackstone kit. Cut open old filter and visually inspected O.K. Serviced 8 qts Aeroshell 15W50. New oil filter element P/n: CH48110-1. Ground run and leak tested O.K. I certify, with respect to the work accomplished above, that this aircraft is approved for return to service.




Ameer F. Mohamed
A&P 3270645



ENGINE LOG

Engine Time		Recorder Reading	Maintenance
This Date	Since Major		
<div style="text-align: center;">  <p>Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-942-4700 afmohamed@hotmail.com</p> </div>			
<p>08-12-16 N917TC PA28-181 S/N: 2843167 ACTT & TACH: 947.50 H.M: 1,012.10 Lvc. O-320-A4M S/N: L-36194-36A TTSN: 947.50</p>			
<p>ENGINE: Washed engine and cowling. Pre inspection ground run up accomplished. Changed oil and filter. Cleaned suction screen new crush gasket P/n: MS35769-21. Took oil sample Blackstone Kit. Serviced 8 qts Aeroshell 15W50. New oil filter element P/n: CH38110-1 installed, old filter cut open and visually inspected. Clean, gap, test and rotate all spark plugs. Differential Compression test taken all readings above 70/80 PSI. Removed both magnetos for 500 hour inspection; left P/n: 4371 S/n: 98051579 and right P/n: 4370 S/n: 98050692. Magnetos repaired by Quality Aircraft Accessories Inc. (CRS# 9QFR310C) under WO# 019604 and 018603. Re-Installed magnetos with new gaskets P/n: LW12681 and SL62224. Timed to 20 degrees BTDC. Ground run leak and ops tested O.K. Magneto 500 hour inspection next due ACTT: 1,947.5. Researched AD's IAW Fed Bi-weekly 2016-18. AD 95-26-13, oil cooler hoses inspected IAW AD par (a), hoses due replacement ACTT: 1000 per AD par (b). AD 04-10-14 C1, crankshaft gear and gear retaining bolt due at propeller strike or next engine tear down. I certify that this ENGINE has been inspected IAW a 100 hour/ANNUAL INSPECTION within the scope and detail of FAR 43 App D, and in reference to the New Piper Aircraft Inc. PA 28-181 Maintenance Manual Chapter 6-20-00, and was determined to be in airworthy condition and is approved for return to service.</p>			
<p>Ameer F. Mohamed A&P 3270645 IA</p>			

and Remarks	Signature	Certificate No.
<div style="text-align: center;">  <p>Aviation Specialty Services Corp. Tel: 954-816-7399 Fax: 954-942-4700 afmohamed@hotmail.com</p> </div>		
<p>10-01-2017 N917TC PA-28-181 S/N: 2843167 ACTT: 960.0 H.M: 1,028.4 Lvc. O-320-A4M S/N: L-36194-36A TTSN: 960.0</p>		
<p>ENGINE: Washed engine and cowling. Pre inspection ground run up accomplished. Changed oil and filter. Cleaned suction screen new crush gasket P/n: MS35769-21. Took oil sample Blackstone Kit. Serviced 8 qts Aeroshell 15W50. New oil filter element P/n: CH48110-1 installed, old filter cut open and visually inspected. Clean, gap, test and rotate all spark plugs. Differential Compression test taken all readings were: #1: 77/80, #2: 76/80, #3: 77/80 & #4: 77/80. Check magneto timing to 25 degrees BTDC. Ground run leak and ops tested O.K. Magneto 500 hour inspection next due ACTT: 1,947.5. Replace worn exhaust gaskets with new P/n: SL77611. Oil leak at back of engine. Found nut loose at block off plate below right magneto. Tightened and leak tested O.K. Researched AD's IAW Fed Bi-weekly 2017-20. Comply with AD 17-16-11, engine connecting rod assy integrity. Eng S/n not listed in Table 1 of MSB No. 632B. AD 95-26-13, oil cooler hoses inspected IAW AD par (a), hoses due replacement ACTT: 1000 per AD par (b). AD 04-10-14 C1, crankshaft gear and gear retaining bolt due at propeller strike or next engine tear down. I certify that this ENGINE has been inspected IAW a 100 Hour/ANNUAL INSPECTION within the scope and detail of FAR 43 App D, and in reference to the New Piper Aircraft Inc. PA 28-181 Maintenance Manual Chapter 6-20-00, and was determined to be in airworthy condition and is approved for return to service.</p>		
<p>Ameer F. Mohamed</p>		<p>A&P 3270645 IA</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
 Mort's Aero Service, Inc. • 60 Fostertown Road • Medford, New Jersey 08055 • 856-495-3159				
	December 8, 2017	N917TC		
	Tach: 979.0			
	1. Troubleshoot engine failure to start. Found starter inoperable. Removed and replaced engine starter with new Sky-Tec 149-NL/ec starter. Tested starter operation. Test was satisfactory at this time and date. Updated W&B to reflect this installation. Installed (1) 149-NL/ec - Starter, S/N: H-R082847. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC12117.			
	Morten Stoverud A&P/IA 2396389 			
Total To Carry Forward				

WO: N917TC102918		Engine : page 1 of 1
 Mort's Aero Service, Inc. 60 Fostertown Road • Medford, New Jersey 08055 856-495-3159		
N917TC	November 14, 2018	
Tach: 983.7		
1. Ran engine for operation. Inspected engine controls for operation, condition and security of attachment. Replaced induction filter. Performed compression check. (1) 72/80 (2) 75/80 (3) 70/80 (4) 75/80 with a hot engine. Verified magneto to engine timing. Refer to AD compliance list for AD status. I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition at this time and date. Installed (1) BA-3 - Filter. 2. Removed and replaced engine hoses complying with service life limit in accordance with AD 95-26-13. AD 17-14-04 terminated IAW para (i) (3). Type D hoses now installed. Ran engine for leak check. leak check was satisfactory at this time and date. Installed (1) PA 26-181-3 - Hose Kit. 3. Drained oil, took oil sample, removed cut open and inspected oil filter, replaced oil filter. Serviced engine with oil and Camguard. Installed (8) 15W-50 - oil, quart, Installed (1) CH48110-1 - Oil filter, Installed (1) CamGuard - Camguard A/C oil additive. 4. Removed and replaced spark plugs Installed (8) REM38E - SPARK PLUG.		
With respect to only the work performed Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC102918.		
Mark Jordan A&P/IA 2648376		

wo: N917TC010920

Engine - page 1 of 2



Mort's Aero Service, Inc. - 60 Fosterlawn Road - Medford, New Jersey 08055 - 856-495-3159

N917TC

Tach: 1037.7

Hobbs: 1068.5

January 18, 2020

1. Ran engine for operation. Inspected engine controls for operation, condition and security of attachment. Inspected engine overall external condition. Replaced induction filter. Cleaned, gapped, and rotated spark plugs. Performed compression check as follows: (1)74 /80 (2) 76/80 (3)74 /80 (4)70 /80. Inspected main fuel strainer filter and electric fuel boost pump filter, cleaned as required. Refer to AD compliance list for AD status. Installed (1) BA-3 - Filter.
2. Removed and replaced engine oil and oil filter. Took oil sample for analysis. Inspected oil filter internals, no extra debris noted. Installed 16oz. of CamGuard engine oil supplement. No leaks noted on engine run leak check. Installed (1) CH48110-1 - Oil filter, Installed (1) CamGuard - Camguard A/C oil additive, Installed (7) 15W-50 - oil, quart, Installed (1) oil sample kit - aircraft oil analysis kit. I certify that this engine has been inspected in accordance with an Annual Inspected and found to be in an airworthy condition at this time and date.

With respect to only the work performed Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC010920.

Morten Stoverud A&P/IA 2396389

Total To Carry Forward			
------------------------	--	--	--

and Remarks

Signature

Certificate No.

wo: N917TC102720

Engine - page 1 of 1



Mort's Aero Service, Inc. - 60 Fosterlawn Road - Medford, New Jersey 08055 - 856-465-2792

N917TC

tach: 993.5

hobbs: 1121.0

November 24, 2020

1. Removed and replaced number 4 cylinder lower spark plug. Left magneto tested good on ground run up checks. Installed (1) UREM 38E - Tempest spark plug.

With respect to only the work performed Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC102720.

Edward Schreppe A&P 143424067

ENGINE LOG

wo: N917TC032921



Engine - page 1 of 1

Mort's Aero Service, Inc. - 60 Fostertown Road - Medford, New Jersey 08055 - 856-465-2792

N917TC

hobbs: 1068.5

Piper, PA-28-181, S/N: 2843167

tach: 993.5

SINCE NEW: 993.5

April 28, 2021

1. Ran engine for operation. Inspected engine controls for operation, condition and security of attachment. Replaced induction filter. Cleaned, gapped, and rotated spark plugs. Performed compression check. (1) 75/80 (2) 72/80 (3) 70/80 (4) 70/80 with a hot engine. Refer to AD compliance list for AD status.
2. Drained engine oil, removed oil filter and inspected internally for foreign matter. Installed/torqued/safetied new oil filter, serviced engine oil and added oil supplement. No leaks noted on run up check. Installed (1) CH48110-1 - Oil filter, Installed (7) 15W-50 - oil, quart, Installed (1) CamGuard - Camguard A/C oil additive, Installed (1) oil sample kit - aircraft oil analysis kit.

I certify that this Engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition at this time and date. With respect to only the work performed Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC032921.

Morten Stoverud A&P/IA 2396389

Morten Stoverud

Entry: 2 of 3

Carry Forward



wo: N917TC051622



Signature

Certificate No.

Engine - page 1 of 1

Mort's Aero Service, Inc. - 60 Fostertown Road - Medford, New Jersey 08055 - 856-465-2792

N917TC

tach: 1038.3

Piper, PA-28-181, S/N: 2843167

SINCE NEW: 1038.3

LYCOMING O-360-A4M

May 17, 2022

L-36194-36A

1. Inspected engine and firewall forward referencing Piper PA 28-181 Maintenance Manual chapter 5-21-00 group B. Inspected spark plugs, performed engine cylinder compression test as follows: #1 75/80, #2 72/80, #3 70/80, #4 74/80. Lubricated engine control linkage. Inspected exhaust system for condition and security. Reference AD compliance list for current AD status.
2. Removed and replaced engine oil and oil filter. Took oil sample for oil analysis, inspected filter internal for debris. Added Camguard oil supplement. Installed (7) P/N 15W-50 - oil, quart, Installed P/N CH48110-1 - Oil filter, Installed (2) P/N CamGuard - Camguard A/C oil additive, Installed P/N oil sample kit - aircraft oil analysis kit.

I certify that this Engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition at this time and date. With respect to only the work performed Details of work performed are on file with Mort's Aero Service, Inc. under work order: N917TC051622.

Morten Stoverud A&P/IA 2396389

Morten Stoverud