

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

The subject aircraft was involved in an incident / accident on 1/1/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 6508487223US.

Signed: ***Underwriters Salvage Company***

Date: **1/31/2025**

ALG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
	HOURS	min	HOURS	min	Sub Total	TOTAL			
BROUGHT FORWARD									
T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 1257 22-January-2024 WO# 2360-1 FORM# TTA-015 AC TT 4719.5 HOBBS 2138.5 N6611W S/N 28-20705 PIPER PA-28-140 TACH 747.5 TSMOH 623.0							Pg 1 / 1		
ACTION: CHANGED ENGINE OIL (PHILLIPS 20W-50XC 7 QT AND CH48110-1 FILTER), CHECKED OIL FILTER NO METAL. SENT OIL SAMPLE TO AVIATION OIL ANALYSIS UNDER TRACKING #44560905.									
Signed <i>Thomas Twiddy</i> 1-22-2024 Signed 7TTR565C THOMAS TWIDDY SR Date									
3/28/2024	TACH 790.0						Oil Change 7 qts Phillips 20W-50XC and CH48110-1 Filter Inspected and approved to return to service. ^{owner} Pilot Barry Miller Pilot Cert # 4868615		
T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 1303 15-April-2024 WO# 2397-1 FORM# TTA-015 AC TT 4769.0 N6611W S/N 28-20705 PIPER PA-28-140 TACH 797.0 TSMOH 673.0							Pg 1 / 1		
***** ITEM # 2397-1 100 HOUR INSP ***** PERFORMED ANNUAL INSPECTION ON ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE. COMPRESSION CHECKED AS FOLLOWS: #1 76/80, #2 78/80, #3 78/80, #4 80/80. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THROUGH 4/15/2024, NONE DUE AT THIS TIME. REPLACED ALL SPARK PLUGS WITH REM-40E. CHECKED MAGS TIMING. RETORQUED SCREWS ON ALL VALVE COVERS. PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE. NEXT 100 HOUR INSPECTION DUE TACH: 895.8. DETAILS OF THESE INSPECTIONS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER 2397.									
Signed <i>Thomas Twiddy</i> 4-15-2024 Signed 7TTR565C THOMAS TWIDDY SR Date									
5/09/2024	Tach 825.8						Oil Change 7 qts Phillips 20W50XC and CH48110-1 Filter Oil sample taken for analysis. Inspected and approved to return to service. TSMOH 701.8 owner/pilot Barry Miller Cert # 4868615		
6/1/2024	Tach 859.6						Oil Change 7 qts Phillips 20W50XC and CH48110-1 oil Filter Inspected and approved to return to service. owner/pilot Barry Miller TSMOH 735.6 Cert. # 4868615		
6/18/2024	Tach 894.0						Oil Change 7 qts Phillips 20W50XC and CH48110-1 oil Filter Inspected and approved to return to service. owner/pilot Barry Miller Cert # 4868615		
T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 1350 09-July-2024 WO# 2427-1 FORM# TTA-015 AC TT 4875.7 N6611W S/N 28-20705 PIPER PA-28-140 TACH 903.7 TSMOH 779.7							Pg 1 / 1		
PERFORMED ANNUAL INSPECTION ON ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE. COMPRESSION CHECKED AS FOLLOWS: #1 70/80, #2 74/80, #3 76/80, #4 74/80. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THROUGH 7/8/2024, NONE DUE AT THIS TIME. CHECKED MAGS TIMING. RETORQUED SCREWS ON ALL VALVE COVERS. REPLACED ALL ENGINE MOUNTS WITH BARRY MOUNTS 94150-01. PERFORMED POST INSPECTION OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE. NEXT 100 HOUR INSPECTION DUE TACH: 1003.7. DETAILS OF THIS INSPECTION IS ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER 2427.									
Signed <i>Thomas Twiddy</i> 7-9-2024 Signed 7TTR565C THOMAS TWIDDY SR Date									
8/21/2024	Tach 930.2						Oil Change 7 qts Phillips 20W50XC and CH48110-1 oil filter. Inspected and approved to return to service. owner/pilot Barry Miller Cert # 4868615		
9/25/2024	Tach 972.3						Oil Change 7 qts Phillips 20W50XC and CH48110-1 oil Filter. Inspected and approved to return to service. owner/pilot Barry Miller Cert # 4868615		
T.T. AEROTECH Corp. 125 Airport Ln Savannah, TN 38372 7TTR565C LOG ID# 1449 15-November-2024 WO# 2476-1 FORM# TTA-015 AC TT 4976.8 HOBBS 2265.4 N6611W S/N 28-20705 PIPER PA-28-140 TACH 1004.8 TSMOH 779.7							Pg 1 / 1		
PERFORMED 100 HR INSPECTION ON ENGINE IAW FAR 43 APPENDIX D AND OEM SERVICE MAINTENANCE. COMPRESSION CHECKED AS FOLLOWS: #1 40/80, #2 72/80, #3 774/80, #4 72/80. REPLACED #1 CYLINDER WITH P/N: LW12416 S/N: J243111 FROM JOHN JEWELL AIRCRAFT, INC. WO# J-007752. COMPRESSION NOW 78/80. RESEARCHED AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THROUGH 11/15/2024, NONE DUE AT THIS TIME. AIRWORTHINESS DIRECTIVES FOR APPLICABILITY AND COMPLIANCE THROUGH 11/15/2024, NONE DUE AT THIS TIME. REPLACED #2 CYLINDER INTAKE GASKET. CHECKED MAGS TIMING. RETORQUED SCREWS ON ALL VALVE COVERS. CHANGED OIL AND FILTER (CH48110-1 AND 6 QT AEROSHELL 100 MINERAL OIL) WILL REQUIRE OIL CHANGE AT 25 HOURS TACH: 1028.7. PERFORMED OPERATIONAL GROUND RUN UP OF ENGINE, CHECKED GOOD. I CERTIFIED THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED FOR SERVICE. NEXT 100 HOUR INSPECTION DUE TACH: 1103.7. DETAILS OF THESE INSPECTIONS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER #2476.									
Signed <i>Thomas Twiddy</i> 11-15-2024 Signed 7TTR565C THOMAS TWIDDY SR Date									
12/4/24	Tach 1027.1						Oil Change 7 qts Phillips 20W50XC and CH48110-1 oil Filter Inspected and approved to return to service. owner/pilot Barry Miller Cert # 4868615		
THIS PAGE TOTALS									
PREVIOUS TOTALS									
TOTALS SINCE NEW									

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

Service Bulletin Letters

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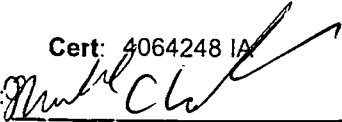
Date: 11/01/2023 **Hours:** TACH 695.8 TT 4667.8

Taxi#: N6611W **TSMO** 572.3 **PROP** TT 4667.8

Make: Piper **Model:** PA-28-140 **S/N:** 28-20705

Perform an Annual Inspection I/A/W Lycoming and 43 app. D #1 78/80 #2 76/80 #3 76/80 #4 72/80. Change oil and filter check screen open up filter check for metal ok
• refill with 8qts of 20/50xc install new AA48110-2. install new BA3 air filter. Send mags out for 500hr To Eagle Magneto Inc. Reinstall with new gaskets and time to engine.
Clean and gap Plugs. Check engine controls and lube. I Certify that this engine has
• been inspected In Accordance with An Annual Inspection and has been determined to
be in Airworthy Condition at this time.

Name: Michael Colclough
Co: Southern Aviation

Cert: 4064248 IA
Sign: 

Serial No. _____

DATE _____	Service Bulletins, Letters, Instructions & A D Notes	33
N6611W, Date: 8/26/2022, Tach: 598.0 Airframe: Piper PA28-140, SN: 28-20705, TT: 4570.0 Engine: Lycoming O-360-D2A, S/N: L-9160-39A, TT 2471.5, TSMOH: 474.5, OH Date: 11/8/1999 Propeller: Sensenich 74DM58, S/N: K5851, TT: 4570		✓ = — — — —
Complied with annual inspection per FAR43 app. D. Engine cleaned and controls lubricated. Performed compression check #1 76/80 #2 74/80 #3 76/80 #4 76/80. Drained oil. Replaced filter P/N AA48110-2. Inspected filter element. Serviced with 7qts 20W50. Cleaned and gapped plugs. Inspected engine controls for condition, operation, freedom of movement and travel. Operational check satisfactory.		— — — — —
<u>ADs searched through this date. See AD listing dated 8/23/2022.</u> Recurring AD2004-10-14, Crankshaft gear bolt, due at sudden stoppage.		— — —
I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition. Christopher C. Comer AP4342669IA. <i>CC</i>		— — —

N6611W, Date: 8/26/2022, Tach: 598.0

Airframe: Piper PA28-140, SN: 28-20705, TT: 4570.0

Engine: Lycoming O-360-D2A, S/N: L-9160-39A, TT 2471.5, TSMOH: 474.5, OH Date: 11/8/1999

Propeller: Sensenich 74DM58, S/N: K5851, TT: 4570

Complied with annual inspection per FAR43 app. D. Engine cleaned and controls lubricated. Performed compression check #1 76/80 #2 74/80 #3 76/80 #4 76/80. Drained oil. Replaced filter P/N AA48110-2. Inspected filter element. Serviced with 7qts 20W50. Cleaned and gapped plugs. Inspected engine controls for condition, operation, freedom of movement and travel. Operational check satisfactory.

ADs searched through this date. See AD listing dated 8/23/2022.

Recurring AD2004-10-14, Crankshaft gear bolt, due at sudden stoppage.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and has been determined to be in airworthy condition. Christopher C. Comer AP4342669IA. 

YEAR 20 <u>22</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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Make: Piper
Model: PA-28-140
Serial #: 28-20705

TRIANGLE AVIONICS LLC +

Tach: 552.8
Hobbs: 2113.7
Reg #: N6611W

Replaced air filter element with new Bracket Aero Filters element, PN: BA-3, IAW supplied maint manual.

The aircraft or component identified was repaired in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service, with respect to work performed

Signed: [Signature]
Jonathan Forney, A&P
4076201

Date: 5-19-22

YEAR 20 <u>22</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.)
				N6611W Tach: 557.6
				Drained oil, Removed & Replace
				oil filter with new AA4B110-2. split
				old oil filter, no defects found. service
				with 7 qts of Aeroshell 1100 Plus.
				Aircraft returned to service.
				signed by A&P 7410079

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Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

AVIATION MAINTENANCE GROUP

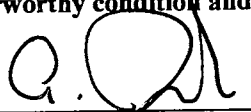
Apr 4, 2020 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 477.5 AFTT4449.5 SMOH 353.5 Engine

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 78/80 #2 78/80 #3 77/80 #4 78/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubed controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature



Andrew Dauber

Certificate Number

IA 3080249

ENGINE LOG

AVIATION MAINTENANCE GROUP

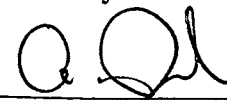
Aug 3, 2021 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 495.8 AFTT4467.8 SMOH 372.3 Engine

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 72/80 #2 74/80 #3 72/80 #4 75/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubed controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Replace cylinder head drain back tube hoses on all cylinders.
- 5) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature



Andrew Dauber

Certificate Number

IA 3080249

ENGINE LOG

Serial No. _____

AVIATION MAINTENANCE GROUP

Oct 1, 2017 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 461.5 AFTT4433.5 SMOH 338.5 Engine _____

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 78/80 #2 76/80 #3 78/80 #4 77/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubec controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature _____



Andrew Dauber

Certificate Number _____

IA 3080249

Total to Date _____

ENGINE LOG

Serial No. _____ 29

AVIATION MAINTENANCE GROUP

Nov 1, 2018 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 467.8 AFTT4438.8 SMOH 342.3 Engine _____

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 79/80 #2 77/80 #3 78/80 #4 77/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubed controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature _____



Andrew Dauber

Certificate Number _____

IA 3080249

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ENGINE LOG

Serial No. _____

AVIATION MAINTENANCE GROUP

Oct 1, 2015 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 457.0 AFTT4429.0 SMOH 333.0 Engine

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 78/80 #2 78/80 #3 76/80 #4 76/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubed controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature


Andrew Dauber

Certificate Number

IA 3080249

ENGINE LOG

Serial No. _____ 27

AVIATION MAINTENANCE GROUP

- Sept 1, 2016 N6611W Lycoming 0-320-D2A SN L-9160-39A Tach 462.0 AFTT4434.0 SMOH 338.0 Engine

Maintenance Performed

- 1) Inspected in accordance with the 100 Inspection requirements.
- 2) Cylinder Compression test performed. Cylinder Compressions are #1 78/80 #2 78/80 #3 76/80 #4 76/80. Cleaned gapped and inspected sparkplugs. Checked ignition timing at 25 Deg. and checked all leads. Lubed controls and check control travel and safety. Cleaned primer nozzles and fuel strainer and screen. Inspected muffler and shroud for defects. None where observed. Washed down engine and cowlings
- 3) Changed oil and filter, cut filter and inspected filter, no metal or excess carbon found. Installed champion CH48110 Oil Filter and serviced with 6 quarts of Philips SAE 20-50 engine oil and Cam Guard.
- 4) Engine was ground run and performance was found normal. No leaks were found on post run inspection.

I certify this aircraft engine was inspected in accordance with an annual inspection per Far 43 D and was determined to be in an airworthy condition and is approved for return to service.

Authorized Signature


Andrew Dauber

Certificate Number

IA 3080249

24

Serial No. _____

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N6611W 2014

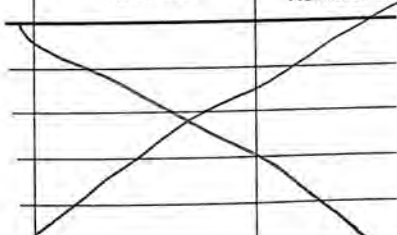
ENGINE LOG

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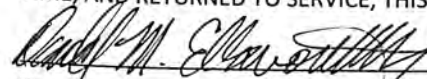
ENGINE LOG

Serial No. L-9160-39A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2012			LISTED BELOW IS A LIST OF AIRWORTHINESS DIRECTIVES THAT HAVE PREVIOUSLY BEEN COMPLIED WITH, AND ARE NO LONGER DUE ANY MORE INSPECTION AD99-04-04 LYCOMING RECIPROCATING ENGINES WITH SLICK MAGNETOS COMPLETELY NOT REQUIRED, BECAUSE THIS IS NOT AN O-540; OR A IO-540, SERISE ENGINE, THIS IS AN O-320 SERIES.		
12/2012					
			David M. Ellsworth A&P 1854351 12/2012		
			END		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. L-9160-39A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2013			JAN. 01/2013 LYCOMING O-320-D2A, S/N L-9160-39A, TACH TIME 455.0, SMOH 331.0 TTENG 2328.0, COMPLIED WITH A 100 HOUR INSPECTION, AS PER FAR 43 APPENDIX D, SCOPE AND DETAIL. COMPRESSION TEST #1-77/80; #2- 76/80; #3-78/80; #4-77/80. ADJUSTED CARB. HEAT CONTROL, DRESSED AND PAINTED PROPELLER, REPAIRED OIL LEAK, CLEAND SPARK PLUGS, ENGINE INSPECTION COMPLETED THIS DATE AND TIME, AND RETURNED TO SERVICE, THIS ENGINE IS AIRWORTHY.-----END-----		
			David M. Ellsworth A&P 1854351 -----END-----		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Flight 1 Aviation Maintenance LLC

Date: October 20, 2010

Registration: N6611W

Tach: 451.9

TSMOH: 321.9

Engine TT: 2319.4

Un cowl engine perform compression check as follows, #1 76 #2 76 #3 78 #4 78. Drain engine oil, remove filter, cut open and inspect, no abnormalities noted. Install new CH48110-1 filter torque and safety. Service engine with 7 qts. of Phillips XC 20W50 oil. Check engine to magneto timing per engine data plate. Inspect engine for leaks, inspect engine mounts, exhaust and induction systems. Inspect oil cooler, fuel and oil lines. Inspect engine air filter as needed. AD 2009-26-12 N/A has **Lycoming cylinders**. Engine was ground run for leak ck no leaks noted. All pertinent AD 's were researched thru ATP this date. This engine and propeller have been inspected as an Annual Inspection IAW FAR part 43 App. D and Continental service manual and was found to be in an airworthy condition at this time.

Brad Roberts

Brad Roberts
2695590 IA

Flight 1 Aviation Maintenance LLC

Date: December 1, 2011

Registration: N6611W

Hobbs: 2091.3

Tach: 453.2

Un cowl engine. Performed compression check as follows #1-76 #2-76 #3-78 #4-76. Remove, clean, inspect, and test all spark plugs. Install and torque. Remove cut open and inspect oil filter. No abnormalities noted install new filter P/N AA48110-2 torque and safety. Check engine to magneto timing per engine data plate. Inspect engine mount and isolators. Inspect fuel and oil lines. Inspect oil cooler, exhaust, and induction systems. Inspect engine baffling, engine wiring, and electrical components in engine compartment. C/W AD 99-04-04 not due again until 701.9 Tach. Ground ran engine, leak check satisfactory. All pertinent AD's researched through Triton this date. This engine and propeller have been inspected IAW FAR Part 43 App. D and Lycoming service manual as an Annual Inspection and was found to be in an airworthy condition at this time.

Brad Roberts

Brad Roberts
2695590 IA

			TACH 453.2
			TT. ENGINE 2326.2
			TSMOH 321.9
Page Total			12/2011
Brought Forward			12/2011
Total to Date			12/2011

All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.

12/2011

12/2011

12/2011

[illegible]

Brad Roberts
Brad Roberts
2695590 A&P

License Number


Joel K. Lusky
2580319 A&P/IA

[illegible]

Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Total to Date

[illegible]

Comp 1-75/80 2-74/80 3-75/80 4-75/80
Cleaned and rotated spark plugs, changed oil
And filter and checked old filter for metal ok,
Annual inspected in accordance with Piper service
Manual and complies with FAR 43 Appendix
Aircraft found airworthy this date

Mallory Airport So Charleston WV
Michael Mallory IA 236861388

Brought forward

Total to Date

Certification

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, and

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-10-08			Changed oil & filter CH 48110-1 7qts Phillips 20W 50		
4-17-09	3	42	Changed oil & filter (AA 48110) 7qts Phillips XC 20W 50		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-19-2006			Annual Inspection N-6611-W PA-28-140 Tach Time 365.0 TTSMOH 241.3		
Comp 1-76/80 2-78/80 3-76/80 4-76/80			cleaned all spark plugs checked mags and timing ok, checked all fuel screens ok, annual inspected in accordance with Piper PA 28-140 service manual and complies with FAR 43 APPENDIX D, Engine found airworthy this date		
Mallory Airport So Charleston WV					
Michael Mallory IA 236861388					
Total to Date			Certificate Number MUST be Shown.		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-21-07			7Qts Phillips 20 6.1ter CH48110		
10-1-2007			Annual Inspection N 6611W PA-28-140 Tach Time 377 TTSMOH 253		
Comp 1-77/80 2-76/80 3-77/80 4-75/80			Cleaned and rotated spark plugs, changed oil And filter and checked old filter for metal ok, Annual inspected in accordance with Piper service Manual and complies with FAR 43 Appendix Aircraft found airworthy this date		
Mallory Airport So Charleston WV					
Michael Mallory IA 236861388					
Page Total					
Brought Forward					
Total to Date					

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**All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.**

(13)

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

(10)

fee 274.24 ENGINE LOG

SMOH 191 hrs

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
08-27-03			that this aircraft/engine has been inspected I/A/W A 100 hrs. and was determined to be Airworthy. All AD's checked to date and are current.		
			Edgar M. Poe AEP 445044		
			Compression Checked 1/80 2 3/4 3 3/4 4 80/72 turning checked oil filter on oil changed. Edgar M. Poe AEP 445044		
			THIS IS TO CERTIFY THAT A/C # N 6611W WAS THIS DATE INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION AND FOUND TO BE IN AIR- WORTHY UNAIRWORTHY CONDITION. DATE 08-27-2003 TIME 2188.55 HRS. SIGNED: [Signature] I/A 238/178 I/A & P		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

(11)

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
09-18-04			I certify that this engine has been inspected T/A/W 2 100 hr inspection and found to be in an airworthy condition. All AD's ckd to date		
TT:	2217	0	Compression Checks 1/80 2 3/4 3 3/4 4 80/72 cold		
TTSMOH:	217	7	Edgar M. Poe AEP 445044		
			THIS IS TO CERTIFY THAT A/C # N 6611W WAS THIS DATE INSPECTED IN ACCORDANCE WITH A 100 HOUR ANNUAL INSPECTION AND FOUND TO BE IN AIR- WORTHY UNAIRWORTHY CONDITION. DATE 09-18-2004 TIME 2217.00 HRS. SIGNED: [Signature] I/A 238/178 I/A & P		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-14-02			Chgd Oil, Replaced filter - Added 7Qts Phil.P. XC 20W 50 oil. Tach time 212.6 hrs		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

EC 02/42 no smolt

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2002					
08-28-2002			Total Time 22.39 Compression Checks. 1 80 2 80 3 80 4 80 72 74 74 74 checked, air & oil filter changed oil changed 79 to 7 full oil & 20W 50 Ed J. Miller POZ A & P 1445044		
I certify that this aircraft/engine has			THIS IS TO CERTIFY THAT A/C # N 6611W		
been inspected I/A/W A 100 hr			WAS THIS DATE INSPECTED IN ACCORDANCE		
Inspected and was determined to be			WITH A 100 HOUR ANNUAL		
airworthy. All cert's checked to date			INSPECTION AND FOUND TO BE IN AIR		
and C/W as required.			WORTHY UNAIRWORTHY CONDITION		
Ed J. Miller POZ A & P 1445044			DATE 08-28-2002 TIME 2239		
			REVISED: NAM 1022456245 I/A 2		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date <u>06-28-00</u>	Time <u>47</u>	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
I certify that this aircraft/engine has been inspected <u>I/A/W A 100</u> and was determined to be <u>airworthy</u> . All ad's checked to date <u>06/28/00</u> .				
		<u>Compression checked, OK. Oil changed. Philp, XC 20/50. Oil filter changed, & checked. Edgum PR A P 1445046</u>		
		<u>MALLORY AIRPORT</u>		
		<u>THIS IS TO CERTIFY THAT A/C # <u>N6611W</u> WAS THIS DATE INSPECTED IN ACCORDANCE WITH A <u>100 HOUR</u> ANNUAL INSPECTION AND FOUND TO BE IN <u>AIR</u> WORTHY <u>UNAIR</u>WORTHY CONDITION.</u>		
		<u>DATE <u>6-28-00</u> TIME <u>47</u> HRS.</u>		
		<u>SIGNED: <u>N6611W</u> DATA & P</u>		
		<u>DISPENSE</u>		
Page Total		All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward				
Total to Date				

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
<u>8/22/2001</u>	<u>20</u>	<u>45</u>	<u>TT 985MOH I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100HR INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. OKO. comp. CHG'D OIL, REPLACED FILTER, ADDED 8QTS PHILLIPS 20W50 AD OIL, WASHED ENB. CLEANED PLUGS. TEST RUN OK. K. Duane P 2202508</u>		
			<u>MALLORY AIRPORT</u>		
			<u>THIS IS TO CERTIFY THAT A/C # <u>N6611W</u> WAS THIS DATE INSPECTED IN ACCORDANCE WITH A <u>100 HOUR</u> ANNUAL INSPECTION AND FOUND TO BE IN <u>AIR</u> WORTHY <u>UNAIR</u>WORTHY CONDITION.</u>		
			<u>DATE <u>8/22/2001</u> TIME <u>2045</u> HRS.</u>		
			<u>SIGNED: <u>N6611W</u> DATA & P</u>		
Page Total		All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.			
Brought Forward					
Total to Date					

4

Eng M/N: O-320-D2A

Eng S/N: L-9160-39A

Eng. TT: 1997.55

TSMOH: 0.0

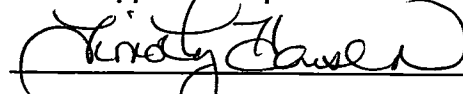
Date: 1/24/00

Removed starter, alternator, alternator brackets and installed overhauled starter P/N MZ4204, S/N 12F000046. Supplied Piper Chrysler alternator P/N 4111810, S/N A145536. Removed oil screen housing and installed new oil filter adapter and P/N CH48110 oil filter. All work done in accordance with Lycoming Overhaul Manual 60294-7-8. Parts replaced as listed below. Reference work order number listed below.

- 1 25C-10 Adapter stud, 1 4111810-AE Alternator, 1 60882 Ring gear,
- 1 77852 Oil filter adapter, 1 CH48110 Oil filter, 1 MZ4204 Starter.

Penn Yan Aero Service, Inc.
2499 Old Bath Road
Penn Yan, New York 14527
WO# 3467-00

FAA Approved Repair Station # NJIR350K


Authorized Signature

5

ENGINE LOG

Serial No. _____

ENGINE LOG

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10 FEB. 2000			TOTAL TIME 1997.55 Hrs SFOH "0" Hrs. INSTALLED IN PIPER PA-28-140 N6611W S/N 28-20705 IN ACCORDANCE WITH STC 2706 SW AND INSTALLATION INSTRUCTIONS BY RAY AIRCRAFT CORP. TEST RUN OK. KX MAKE HRP 2207508		
	83	7	8 QTS. AEROSHELL 40 WT. MINERAL OIL.		
21 Feb 2000	88	9	Chg oil 7Qts AEROSHELL 40W MINERAL OIL / Filter		
7 June 00	108	3	Chg oil 7Qts AEROSHELL 40W MINERAL OIL		
26 AUG 00	133	9	Chg oil 7Qts Phillips XC 20/50 / filter		
19 Nov 00	158	9	Chg oil 7Qts Phillips XC 20/50		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					

②

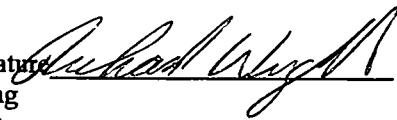
TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TLRED-489
(Rev. 10-96)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-320-D2A
Serial #: L-9160-39A
Total Time: 1997.55
Work Order #: 77713
Date Completed: 11-8-99

Authorized Signature: 
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

STC SA 2706^{SW} **ENGINE DESCRIPTION**

③

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date
Type LYCOMING 4 cyl. OPPOSED	Model O-320-D2A	Serial No. L-9160-39A
Rated H.P. 160	Max. H.P. 160	Weight (Dry)
Rated R.P.M. 2700	Max. R.P.M. 2700	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller McCauley	Hub Design 1C172	Hub Serial No. J8037
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch 38	Diameter 74"	Length
Name		
Address	modified As per STC SE 89875W	

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE SERIAL NUMBER L-9160-39A

IN SERVICE DATE 100200 ENG. T.T. 1997

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

THIS ENGINE IS SET UP UNDER ~~STC SA1706SW~~ SW - RAM AIRCRAFT CORP.
STC SA1706SW

INSIDE FRONT COVER
TO FIND T1 ENGINE ADD
~~1997.0~~ TO ~~SMOOTH~~ AIRCRAFT
1997.0 TO ~~SMOOTH~~ AIRCRAFT

TO FIND SMOOTH SUBTRACT 124.0
FROM TACH TIME

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0-320-D2A L-9160-39A
MAKE MODEL SERIAL
FROM 02/10/2000 19 TO 19
DETAILING TIME FROM ENG. T1 1997.55 TO
SMOOTH "0" HOURS HOURS

SSP 1872-1

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October 1994