N699DW

ENGINE LOG

Piper

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL O-360-A4M SERIAL NO. L-40133-36A

DATE 3-12-05

(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

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

Form No. 777-B (Rev. 3/03)

OWNER

	NAME	ADDRESS	Installed in Aircraft No.	Date
1			N612ST	JUN 21 2005
2				
3				
4				
5				
6				

If this book is found, please return it to the owner.

ENGINE DESCRIPTION

LYCOMING - WILLIAMSPORT, PENNA.

Manufacturer: _____ Serial No. L-40133-36A

_____ Horsepower: 180

Model: O-360-A4M FAA T. C. No. E286

Engine Accessories	Serial No.	Weight

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
		AD Compliance Engine Overhaul Shop Order 16-3786 2/12/16			
		2012-19-01 Crankshaft N/A by engine model and S/N and crankshaft S/N			
		2012-03-07 see Av-Star 8130 for compliance supplied			
		2009-26-12 N/A New Millenniums installed this date			
		2006-10-21 N/A affected rods not installed			
		2004-10-14 Bolt and Gear installed IAW SB475C			
		98-17-11 N/A not OHC by Nelson			
		98-02-08 N/A solid shaft			
		96-09-10 Oil Pump 05K19423-S impeller kit installed			
		92-12-05 4ea AEL14077-1 pins installed			
		90-04-06 N/A fixed			
		ADs complied with this date by:			
		James N Brod Jr A&P 3016060 IA _____ 2/12/16			
		----------END----------			

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300 • TRKR6081

ENGINE N612ST S/N: 2843612 S.O. 05-0533

8-2-05 HOBBS: 26.0

DRAINED ENGINE OIL. REMOVED, OPENED, AND INSPECTED OIL FILTER {CHECKED GOOD}. INSTALLED NEW FILTER P/N CH48110-1 AND SERVICED WITH 8 QTS. MINERAL OIL AEROSHELL 100 50W SAE. RAN ENGINE, CHECKED GOOD, NO LEAKS. MAINTENANCE PERFORMED IAW LYCOMING AND PIPER M/M.

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is found to be in airworthy condition with respect to work performed and is approved for return to service.

Details on file at this station on Shop Order No. 05-0533 dated 8-2-05.

CRAIG AIR CENTER, INC.

855-14 St. Johns Bluff Rd. Jacksonville, Fl. 32225
FAA REPAIR STATION TRKR6081

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 12/5/05
Hobbs: 61.9
Eng.TT: 61.9
ACTT: 61.9

Engine Log

Model: O-360-A4M
SN: L-40133-36A

N699DW
Aircraft SN: 2843612

Accomplished a First 50 Hour Inspection using the Piper PA28-181 checklist as a guide.
Engine Compressions: (1) 75 (2) 73 (3) 74 (4) 75 all over 80. Accomplished oil and filter change, cut filter open and no contamination found, reserved oil sample for analysis, serviced with 8 qts A/S 15W50 oil and 1 CH48110 filter, safetied filter , ground run engine, leak checked and ops check normal. **Verified AD 2005-19-11 Crankshaft** (Lycoming SB 566/Piper VSP 170) N/A by model. **Verified AD 95-26-13 Oil Cooler Hoses**, N/A by type "D" installed.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # 20938. AD's Researched Thru Rev. 2005.23

Signature _____ **CRS # ECWR470D**

Sun Aviation, Inc., Municipal Airport, Vero Beach, FL 32961 **(772) 562-9257**

Total To Carry Forward				

SUN AVIATION, INC., Vero Beach, FL (VRB)

Engine Log

Date: 02/17/06
Hobbs: 92.0
Eng.TT: 92.0
ACTT: 92.0

Model: O-360-A4M
SN: L-40133-36A

N699DW
Aircraft SN: 2843612

Accomplished oil and filter change, cut filter open and no contamination found, serviced with 8 qts A/S 15W50 oil and 1 CH48110-1 filter.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # 21282.

Signature _____ **CRS # ECWR470D**

Sun Aviation, Inc., Municipal Airport, Vero Beach, FL 32961 **(772) 562-9257**

ENGINE LOG

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 S.O: 06-0173
DATE: 1 AUG 2006 HOBBS: 194.6

ACCOMPLISHED OIL CHANGE, REMOVED, CUT OPEN AND INSPECTED FILTER NO DEBRIS FOUND, INSTALLED NEW FILTER PN: CH48110-1. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL. OIL SAMPLE SENT TO ANALYSIS.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location or Shop Order No. **06-0173** Dated: **1 AUG 2006**

Mechanic: _____ A&P#: 280727907
TC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

Total To Carry Forward			

OG

CRAIG AIR CENTER
Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

06-0173
194.6

ED

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW
DATE: 13 OCT 2006

SN: 2843612

S.O: 06-0242
HOBBS: 251.3

ACCOMPLISHED OIL CHANGE, REMOVED, CUT OPEN AND INSPECTED FILTER NO DEBRIS FOUND, INSTALLED NEW FILTER PN: CH48110-1. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL. OIL SAMPLE SENT TO ANALYSIS.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No. **06-0242** Dated: **13 OCTOBER 2006**

Mechanic: _____ A&P#: 280727907
TC PENNYBAKER

Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

ENGINE LOG

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 06-0250
DATE: 17 NOV 06 HOBBS: 273.7

DRAINED OIL AND REMOVED FILTER, INSPECTED FILTER FOR CONTAMINATION, NONE FOUND. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER PN: CH48110-1. OIL SAMPLE TAKEN AND SENT OUT.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No. **06-0250** Dated: 17 NOVEMBER 2006

Mechanic: _____ A&P#: 280727907
TC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

Carry Forward

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 07-0030
DATE: 21 FEB 07 HOBBS: 323.3

DRAINED OIL AND REMOVED FILTER, INSPECTED FILTER FOR CONTAMINATION, NONE FOUND. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER PN: CH48110-1. OIL SAMPLE TAKEN AND SENT OUT.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No. **07-0030** Dated: 21 FEBRUARY 2007

Mechanic: _____ A&P#: 28072707
JC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 7/03/07
Hobbs: 370.9
Eng.TT: 370.9
ACTT: 370.9

Engine Log

Model: O-360-A4M
SN: L-40133-36A

N699DW
Aircraft SN: 2843612

Accomplished an ANNUAL inspection IAW FAR 43, Appendix "D" using the Piper PA-28-181 100 Hour Checklist as a guide.
Engine Conpressions: (1) 76 (2) 77 (3) 78 (4) 77, all over 80.
Changed engine oil and filter, cut open and inspected the filter removed and no defects found, serviced With 8 qts A/S 15W50 Engine Oil and 1 ea PN CH48110-1 Filter. Checked and adjusted tension on Alternator belts. Secured Fuel Shut Off Valve. Installed all new Intake Gaskets. Installed 8 new Spark Plugs PN REM 38E. C/W 400 Hour Valve and Rocker Arm inspection and ops checked ok. Verified VSP 184, dated 5/30/07/LYC SB 577 Skytec N/A by Engine SN.
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # 23096. AD's Researched THRU Rev. 2007.13.

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

Total To Carry Forward				

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 S.O: 07-0216
DATE: 17 DEC 2007 HOBBS: 432.2

ACCOMPLISHED OIL CHANGE, REMOVED, CUT OPEN AND INSPECTED FILTER NO DEBRIS FOUND, INSTALLED NEW FILTER PN: CH48110-1. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL. OIL SAMPLE SENT TO ANALYSIS. REMOVED, CLEANED, GAPPED AND TEST PLUGS NO DEFECTS NOTED REINSTALLED SAME. RAN ENGINE MAG CHECK GOOD. NO LEAK NOTED.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No.**07-0216** Dated: **17 DEC 2007**

Mechanic _____ A&P#: 280727907
TC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

ENGINE LOG

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 08-0088
DATE: 5/14/2008 HOBBS: 457.0

DRAINED OIL AND REMOVED FILTER, INSPECTED FILTER FOR CONTAMINATION, NONE FOUND. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER PN: CH48110-1.

The aircraft, airframe, aircraft engine, propeller. or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No.**08-0088** Dated: 5/14/2008

Mechanic: _____ A&P#: 280727907
TC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

Carry Forward

Signature	Certificate No.

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 08-0118
DATE: 6/18/2008 HOBBS: 457.0

ACCOMPLISHED ANNUAL INSPECTION IAW MANUFACTURER`S M/M CHECKLIST.ADJUSTED RUDDER CABLE. REPLACED AIR FILTER PN: 638873 PER **AD 84-26-02**. ALL AD'S CHECKED TO DATE. RAN AIRCRAFT ALL SYSTEM OPERATES AND LEAKS CHECKS GOOD.
COMPRESSION CHECK OVER 80 1) 79, 2) 79, 3) 80, 4) 79.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No.**08-0118** Dated: 6/18/2008

Mechanic: _____ A&P/IA#: 473708278
DOUGLAS LUNDEEN
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

ENGINE LOG

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 08-0236
DATE: 11/25/2008 HOBBS: 504.4

DRAINED OIL AND REMOVED FILTER, INSPECTED FILTER FOR CONTAMINATION, NONE FOUND. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER PN: CH48110-1. SAMPLE TOOK FOR ANAYLSIS.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on:
Shop Order No.**08-0236** Dated: 11/25/2008

Mechanic: _____ A&P#: 2807279?7
TC PENNYBAKER
Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

Total To Carry Forward			

and Remarks	Signature	Certificate No.

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW SN: 2843612 SO: 09-0102
DATE: 4/8/2009 HOBBS: 531.9

DRAINED OIL AND REMOVED FILTER, INSPECTED FILTER FOR CONTAMINATION, NONE FOUND. SERVICED ENGINE WITH 8 QTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW FILTER PN: CH48110-1.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location on Shop Order No. **09-0102** Dated: 4/8/2009

Mechanic: _____ A&P#: 280727907
TC PENNYBAKER

Craig Air Center
855-14 St. Johns Bluff Rd Jacksonville, FL 32225

ENGINE LOG

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

N 699DW

Date 06/02/2009

Hobbs 570

Next due 06/2010

Perform Annual inspection IAW PIPER Maintenance Manual.
Drained oil, removed oil filter, cut open, inspected, installed ____7___ qts Aeroshell 100 plus 50w and new oil filter. Compression test:
#1 ___76____ #2__78____ #3____78_____ #4___76_____
Replace all rocker cover gaskets
Perform 500hr Magneto Inspection
CW with all applicable Ads & SBs
I certify a Annual inspection has been performed IAW PIPER Maintenance manual and this ____Engine_____ was found to be in an airworthy condition and is approved for return to service.

Name Joel D. Mears Cert # 27349930 FAA

and Remarks	Signature	Certificate No.
N____699DW Date 08/01/2009		
TT Hobbs 612.2		
Perform50 hr inspection IAW PIPER Maintenance Manual. Drained oil, removed oil filter, cut open, inspected, installed ____8___ qts Aeroshell 100 plus 50 W and new 48110 oil filter. I certify a 50 hr inspection has been performed IAW PIPER Maintenance manual and this ____Engine_____ was found to be in an airworthy condition and is approved for return to service. Name J L D. Mesa Cert # 2734930 IA		

ENGINE LOG

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

N 699DW

TT 657.7

Date Jan 13 2010

TSMOH 657.7

Perform 50 Hr inspection IAW Piper Maint. manual.
Drained oil removed oil fliter and inspected for metal. Installed 8 qts Phillps XC and 48110 filter
I certify a 50 HR inspection has been performed IAW Piper Maint. manual
and this _____Engine_____ was found to be in an airworthy condition and is approved for return to service.

Name J. L. E. Means Cert #____2734930IA_____

and Remarks

ENGINE: N699DW **SN:**

1-Removed Carburetor, sent to (
no leaks or defects noted.

The aircraft, airframe, aircraft e
regulations of the FAA and is fc
for return to service. Details on

W.O. # 2713 Part # 10-6002 Date 7-19-10

Carburetor: Make Precision Model MA4-5 Ser.# 7552 2102

Following parts replaced:

Log Entry

Throttle Shaft Bushings _____ Throttle Shaft _____

Throttle Valve _____

Venturi _____

Needle & Seat Assy. New

Accelerating Pump _____ Pump Arm _____

Pump Link Rod _____ ~~Metal~~ Float Composit Float

Idle Needle _____ Mixture Control _____

Gasket & Seal Set _____

Minor Repair Kit _____ Major Repair Kit _____

Other installed part # 666-1002-F Float Kit

Fuel level set & checked on fuel bench _____

All work accomplished according to Mfgr's Overhaul Manual.

Carburetor not installed.

(OVER)

For **AIRCRAFT ENGINE WORKS, INC.**

by Rhettas pH 2664761796

Craig Air Center

855-14 St. Johns Bluff Rd Jacksonville, FL 32225

9610-01
C.A.C. M.O.
N699DW

and Remarks	Signature	Certificate No.

CRAIG AIR CENTER
855-14 St. Johns Bluff Road • Jacksonville, FL 32225
(904) 641-0300

ENGINE: N699DW **SN:** 2843612 **SO:** 10-0196 **DATE:** 7/20/2010 **HOBBS:** 684.0

1-Removed Carburetor, sent to OSV (Aircraft Engine Works) for repair, reinstalled. Performed operational check no leaks or defects noted.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected iaw current regulations of the FAA and is found to be in a airworthy condition with respect to work performed and is approved for return to service. Details on file at this location.

LC PENNYBAKER A&P#: 280727907

Craig Air Center

855-14 St. Johns Bluff Rd Jacksonville, FL 32225

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
9.7.10	TSN/ TT 692.0	H 692.0	Performed annual inspection	
	IAW Piper	inspection	guide.	Drained oil, changed
	filter. No	contam. noted		in old filter
	Compressions:	#1 76/80	#2 72/80	#3 74/80 #4 74/80
	Serviced with 8qt	15W50	Aeroshell.	Retimed both
	Mags to engine	Repainted	face of prop.	
	I certify that	this engine has been inspected		
	IAW an annual	inspection and was found to		
	be airworthy for	Return to service.	Details on	
Total To Carry Forward		file N4R403M, WO 4572		

Thomas A Fischer
AP2800735 IA

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 793.7 TSMOH: 793.7

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 5/24/2011
TTA: 793.7
Tach: 793.7
Hobbs: 793.7

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual New 1.8 and Part 43 Appendix D.
Serviced engine with 8 qts Aeroshell W100 oil, installed new AA48110 oil filter. Cleaned, gapped, and rotated spark plugs.
Compressions (#1) 76/80; (#2) 76/80; (#3) 78/80; (#4) 76/80
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Zachery Willson
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 875.9 TSMOH: 875.9

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 10/14/2011
TTA: 875.9
Tach: 875.9
Hobbs: 875.9

Performed a ANNUAL inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 77/80; (#2) 76/80; (#3) 78/80; (#4) 75/80. Drained and serviced oil with 8qts Shell W100 and R&R oil filter.
Serviced and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Saladino Travis
A&P 3146414 IA

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 975.9 TSMOH: 975.9

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 12/1/2011
TTA: 975.9
Tach: 975.9
Hobbs: 975.9

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D. Drained and serviced oil with 8qts Shell W100 and R&R oil filter. Serviced and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
Compressions (#1) 70/80; (#2) 76/80; (#3) 76/80; (#4) 75/80
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Zachery Willson
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1075.9 TSMOH: 0.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 1/19/2012
TTA: 1075.9
Tach: 1075.9
Hobbs: 1075.9

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 75/80; (#2) 78/80; (#3) 74/80; (#4) 74/80. Drained and serviced oil with 8qts Shell W100 and R&R oil filter.
Serviced and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Zachery Willson
3389487 A&P

Total To Carry Forward			

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1176.6 TSMOH: 0.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 3/13/2012
TTA: 1176.6
Tach: 1176.6
Hobbs: 1176.6

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D. Compressions (#1) 76/80; (#2) 72/80; (#3) 74/80; (#4) 74/80. Drained and serviced oil with 8qts W100 and R&R oil filter. Service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Allan Smallwood
3207605 P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1275.1 TSMOH: 1275.1

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 5/6/2012
TTA: 1275.1
Tach: 1275.1
Hobbs: 1275.1

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D. Compressions (#1) 76/80; (#2) 74/80; (#3) 74/80; (#4) 76/80. drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Michael W Campbell
A&P 3620404

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1376.6 TSMOH:

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 8/7/2012
TTA: 1376.6
Tach: 1376.6
Hobbs: 1376.6

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D. Compressions (#1) 76/80; (#2) 76/80; (#3) 78/80; (#4) 74/80 R&R all 8 spark plugs. Serviced enigen with 8qts of Shell W100 and installed new oil filter. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Michael W Campbell
A&P 3620404

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1460.9 TSMOH: 0.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 11/21/2012
TTA: 1460.9
Tach: 1460.9
Hobbs: 1460.9

Performed a ANNUAL inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D. Compressions (#1) 76/80; (#2) 73/80; (#3) 76/80; (#4) 75/80. Drained and serviced oil with 8qts Shell W100 and R&R oil filter. Serviced and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Saladino Travis
A&P 3146414 IA

Total To

Carry Forward

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1566.9 TSMOH: 0.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 2/8/2013
TTA: 1566.9
Tach: 1566.9
Hobbs: 1566.9

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 76/80; (#2) 76/80; (#3) 76/80; (#4) 75/80
Drained and serviced oil with 8qts Shell W100 oil and R&R AA48110 oil filter. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Allan Smallwood

Smallwood, Allan
3207605 P

Reg: N699DW
Model: PIPER PA28-181 P141
SN: 2843612

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 3/5/2013
TTA: 1613.5
Tach: 1613.5
Hobbs: 1613.5

Performed a Discrepancy Repair inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
R&R starter. Ops check ok.
I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition

Allan B Smallwood

Allan B Smallwood
3207605 P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1662.9 TSMOH: 0.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 3/19/2013
TTA: 1662.9
Tach: 1662.9
Hobbs: 1662.9

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 74/80; (#2) 78/80; (#3) 79/80; (#4) 78/80. Drained and serviced oil with 8qts Shell W100 oil and R&R AA48110 oil filter. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Smallwood, Allan
3207605 P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1762.0 TSMOH: 1762.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 4/19/2013
TTA: 1762.0
Tach: 1762.0
Hobbs: 1762.0

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 78/80; (#2) 78/80; (#3) 78/80; (#4) 78/80
Drained and serviced oil with 8qts Shell W100 oil and R&R AA48110 oil filter. Cleaned, gapped, and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Allen B. Smallwood
P 3207605

Carry Forward

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1799.7 TSMOH: 1799.7

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 5/10/2013
TTA: 1799.7
Tach: 1799.7
Hobbs: 1799.7

Performed a Discrepancy Repair inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
R&R L/H mag PN:4371 SN: 12111019. R&R alternator PN: ALU-8532LS. Performed ops check, ops check good.
I certify that this Engine has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1849.9 TSMOH: 1849.9

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 7/29/2013
TTA: 1849.9
Tach: 1849.9
Hobbs: 1849.9

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
R/R oil with 100w Areoshell; R/R oil filter with 110-2; Cleaned, gaped, tested, rotated spark plugs; seviced hydraulic res. R/R intake filter;
Compressions (#1) 72/80; (#2) 74/80; (#3) 76/80; (#4) 78/80; I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Allen B. Smallwood
3207605 P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 1950.2 TSMOH: 1950.2

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 9/24/2013
TTA: 1950.2
Tach: 1950.2
Hobbs: 1950.2

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 72/80; (#2) 74/80; (#3) 76/80; (#4) 78/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Allen B. Smallwood
3207605 P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2008.1 TSMOH: 2008.1

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 12/27/20
TTA: 200
Tach: 200
Hobbs: 200

Performed a ANNUAL inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 76/80; (#2) 75/80; (#3) 73/80; (#4) 73/80. Drained and serviced oil with 8qts Shell W100 and R&R oil filter. Serviced and rotat
spark plugs. R&R #3 bottom plug. R&R top #1 and bottom #3 spark plug lead wire nuts. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Travis V Saladino
AP3146414IA

Total To Carry Forward			

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2106.5 TSMOH: 2106.5

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 2/13/2014
TTA: 2106.5
Tach: 2106.5
Hobbs: 2106.5

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 74/80; (#2) 74/80; (#3) 76/80; (#4) 76/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2207.0 TSMOH: 2207.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 3/22/2014
TTA: 2207.0
Tach: 2207.0
Hobbs: 2207.0

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 76/80; (#2) 76/80; (#3) 76/80; (#4) 77/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. R&R right Mag PN: 4370 SN:13120759.
All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2304.7 TSMOH: 2304.7

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 5/2/2014
TTA: 2304.7
Tach: 2304.7
Hobbs: 2304.7

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 70/80; (#2) 78/80; (#3) 76/80; (#4) 78/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2403.6 TSMOH: 2403.6

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 7/17/2014
TTA: 2403.6
Tach: 2403.6
Hobbs: 2403.6

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 74/80; (#2) 68/80; (#3) 74/80; (#4) 74/80
Oil changed, serviced with 8 Qts. Aeroshell W100, and CH48110-2 oil filter. Spark plugs cleaned and rotated.
Installed STC SA693CE from Brackett Aero Filters Inc. using instruction sheet BA-104-03 and air filter assembly BA-104.
See Brackett air filter document I-194 for continued airworthiness inspection requirements. FAA Form 337 Dated 7/17/2014.
All applicable AD's C/W at this time.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition.

Dave Warren
A&P2766900

Dave A. Warren

eg: N699DW
lodel: Lycoming O-360-A4M
N: L-40133-36A
TE: 2503.7 TSMOH: 2503.7

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 12/3/2
TTA: 250
Tach: 250
Hobbs: 2503

Performed a ANNUAL inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 79/80; (#2) 76/80; (#3) 76/80; (#4) 77/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. R&R #3 bottom plug.
All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition

Willson, Zachary
A&P3389487IA

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2602.0 TSMOH: 2602.0

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 2/12/2015
TTA: 2602.0
Tach: 2602.0
Hobbs: 2602.0

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 78/80; (#2) 77/80; (#3) 72/80; (#4) 78/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2704.1 TSMOH: 2704.1

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 5/1
TTA: 4.1
Tach: 2.1
Hobbs: 2.1

Performed a 100 HOUR inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
Compressions (#1) 70/80; (#2) 76/80; (#3) 71/80; (#4) 74/80
Drained and serviced with 8qts w100 and R&R oil filter.service and rotated spark plugs. All applicable AD's C/W at this time. Ops check ok.
I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Willson, Zachery
3389487 A&P

Reg: N699DW
Model: Lycoming O-360-A4M
SN: L-40133-36A
TTE: 2750.9 TSMOH: 2750.9

SAM Saint Augustine Aviation Maintenance
270 Estralla Ave.
St. Augustine, FL 32095

Maintenance Record (Engine)

Date: 6/29/2015
TTA: 2750.9
Tach: 2750.0
Hobbs: 2750.

Performed a Discrepancy Repair inspection in accordance with PIPER PA28-181 P141 maintenance manual and Part 43 Appendix D.
R&R left magneto PN: 4370. Replaced #2 bottom plug. Performed ops check, ops check good.
I certify that this Engine has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy conditio

Stefanini, Andrew
3721377 A&P

Total To Carry Forward				

2/12/2016 Major Engine Overhaul Log Entry (Time since overhaul 00:00 Hobbs this date 2782) This Lycoming O-360-A4M S/N L-40133-36A was removed from Piper N669DW S/N 2843612 disassembled, cleaned, inspected, repaired, overhauled, installed in Piper N669DW S/N 2843612 and tested in accordance with factory recommended procedures outlined in Lycoming Overhaul manual 60294-7 and Lycoming SI1427-B using the parts listed in J.B. Aircraft Engine Service Inc. Shop Order 16-3786 and this log entry: Lyc Crankshaft 13B27134 S/N V537936055 STD/STD, 8ea SL75061 rod bolts, 8ea SL12186 rod nuts, 8ea AEL13521 rod bearings, 4ea AEL16711 Main bearings, 2ea AEL13884 FMain bearing, 1ea SL61084 oil psi spring, 1ea Sl1028B oil psi ball, 1ea ael19600 vernatherm, 8ea 15b26262 lifter body, 8ea 15b26066 hyd lifter, 1ea LW18840 camshaft, AEL-STD-2213 gear bolt installed IAW SB475C, 1ea LW15472 fuel pump, 4ea SL69603 intake hoses, 1ea M4001 ignition harness, 1ea 4370 & 4371 overhauled slick mags QAA (see 8130-3) 8ea REM38E plugs, 10-6102 Av-Star Carb overhaul (see 8130-3) 1ea 149-NL skytec starter, 4ea SL13444-1 pins, 8ea 74637 bushings, 4ea SL36006W-A20P S/Ns 366W-MIS-18993, 18989, 17949, 17706. 1ea 75439-1 seal and gasket kit, T8071-3 roll baffle seal, The engine baffling was cleaned, painted and new seal installed, 2ea AN4-17A, 4ea AN75A6 bolts, 12" scat 10, 12" scat 6, 12" mil-H-6000 5/8 hose, 2ea CH48110-1 filter, 12ea Type M 20W50 oil, 1ea A/C belt 73965-010, Aviall Fuel and Oil Hose Kit 7ea (see conformance sheet) 4ea 94011-20 engine mounts. The work listed was performed and inspected in accordance with current FAA regulations by:

James N Brod Jr. A&P 3016060 IA _____ 2/12/16

Date: 3/01/2016; Aircraft: N699DW; Type: Piper PA-28-181; S/N: 2843612; Hobbs: 2883.20; Tach:; Total Time: 2883.20; Engine - Type: O-360-A4M, S/N: L-40133-36A, Time: 1.20; Prop - Type: 76-EM8S, S/N: 37072K, Time: 2883.20

Completed Annual inspection check list this date on this engine. Removed both mufflers from the muffler shroud. Repaired cracks in the weld securing the end plate to the muffler can on the rear muffler. This weld repair was carried out using a Dillon Oxyacetylene torch specifically designed for this type of weld. This weld was performed using the appropriate welding rod and a carburizing flame in accordance with AC43.13-1B Chapter 4, Section 5 titled "Welding And Brazing", (4.75) "Equipment Selection", (4-77)(a,b) "Preparation For Welding", (4.78)(a thru g) "Inspection Of Completed Weld", (4-86)(a) "Types Of Welding", Figure (4.28) "Basic Gas

ENGINE LOG

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

Welding Flames" (4.90) Welding Rod Selection". Installed the repaired rear muffler and an overhauled front muffler, P/N 85477-002, in the muffler shroud. Removed the screws securing the carburetor heat valve to control shaft and removed the shaft. Removed upper worn out grommet bearing on the carburetor heat box and cleaned the opening on the bottom side of the box left by the missing grommet. Installed two new grommet bearings for the carburetor heat valve shaft. Installed the original Teflon bushings in the grommets and installed the valve shaft attaching the valve to the shaft with new screws and nuts. Removed the original Brackett air filter element and installed a new element, P/N BA-3. Inspected the Brackett air filter screen and found it is in good condition. This filter element requires replacement yearly. C/W with A-D 95-26-13 by inspection of the oil cooler lines per (a)(1) and found that both of the lines are in airworthy condition. The aircraft has a rear mounted oil cooler and paragraph (b)(2) does not apply to this installation. These new lines meet TSO C53a, Type C specifications and require 100 hour inspections and mandatory replacement at 1000 hours time in service or 8 years which ever comes first.
The work performed during this inspection was completed in accordance with the latest Revision Textron Lycoming Direct Drive Overhaul Manual #60294-7 as found on the ATP Manual Subscription Service, Piper Airplane Maintenance Manual PA-28-181 Archer III P/N 761-883, Rev CR140306, dated 4/4/2014 and Piper Airplane Parts Catalog PA-28-181 Archer III P/N 761-898 Rev. PR140828, dated 8/28/2014.
This aircraft engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under work order number 8865.
3/01/2016 Roger E. Smith _____ UW4R585M.
Carter Aircraft, Inc. Sebring FL Repair Station.

06/30/2016 Piper PA28-181 S/N 2843612 N#699DW
O-360-A4M S/NL-40133-36A Tach Time 2861 hrs.

Tot
Ca

Changed engine oil,filter 8qts.15W-50 Aeroshell
Performed Lycoming S.I.1492D oil inspection
Performed engine run leak check for return to service
Work performed for Interstate Aviation Inc. Plainville, CT. 06062

Signed _____ Kurt Tomolonius A&P 41649355

	re	Certificate No.
06/01/2016 Piper PA28-181 S/N 2843612 N#699DW O-360-A4M S/NL-40133-36A Tach Time 2830 hrs. Changed engine oil 8qts.15W-50 Aeroshell Performed engine run leak check for return to service Work performed for Interstate Aviation Inc. Plainville, CT. 06062 Signed _____ Kurt Tomolonius A&P 41649355		

VIP Aircraft Maintenance [illegible] Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114
LOG ID# 1808 21-July-2[illegible] HOBBS 2875.9
N699DW S/N 2843612 PIPER PA-28-181

Pg 1 / 1

Ground ran aircraft to normal operating temperatures and drained oil. Replaced oil filter with new p/n: CH48110-1. Oil filter date code is 10/27/15. Cut open old oil filter and inspected element. No abnormalities evident. Put 8 quarts of Aeroshell 15W50 oil into engine. Run up satisfactory. No leaks noted. -----END-----

Eric Santerre A+P 2777906

A&P 2777906 Eric Santerre

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

09/27/2016 Piper PA28-181 S/N 2843612 N#699DW
O-360-A4M S/NL-40133-36A Tach Time 2921 hrs.

Changed engine oil,filter 8qts.15W-50 Aeroshell
Performed Lycoming S.I.1492D oil inspection
Replaced air conditioner drive belt new part#73965-010 belt
in accordance with Chpt.21 environmental systemsPA28-181 M.M.
P/N 761-883
Removed/reinstalled same propeller serial#37072K after belt
Replacement in accordance with Chpt.61 propeller PA28-181 M.M.
P/N 761-883
Performed engine run leak check for return to service
Work performed for Interstate Aviation Inc. Plainville, CT. 06062

Signed _____ Kurt Tomolonius A&P 41649355

11/14/2016 Piper PA28-181 S/N 2843612 N#699DW
O-360-A4M S/NL-40133-36A Tach Time 2947 hrs.

Changed engine oil,filter 8qts.15W-50 Aeroshell
Performed Lycoming S.I.1492D oil inspection
Complied with A.D.95-26-13 by inspecting oil cooler hoses
In accordance with par.(a)(1)given A.D.meeting criteria
Repetitive inspection not to exceed 100hrs TIS. Mandatory
Replacement 8 yrs or 1000 hrs. from install(whichever occurs first)
Performed engine run leak check for return to service
Work performed for Interstate Aviation Inc. Plainville, CT. 06062

Signed _____ Kurt Tomolonius A&P 41649355

Engine Log Book

Date: **03/02/2017**	Tach: **N/A**	Hobbs: **2998 hours**
Reg No: **N699DW**	AF TT: **2998 Hours**	Engine TT: **N/A**
Aircraft type: **PA28-181**	Prop TT: **N/A**	Engine SMOH: **N/A**
Serial No: **2843612**	Prop SMOH: **N/A**	

1. Drained engine oil and cut filter. No questionable debris found.
2. Serviced engine with 7 quarts of Aeroshell 15W50 and installed new filter. **CH48110-1**
3. Performed engine run up and found discrepancies with work performed.

This 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: 03/02/2017 Signed: Robert Austin Bourland

Robert Austin Bourland A&P 3795668

ENGINE LOG

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-1850

Tach	Hobbs	ACTT	Engine	Propeller
	3013.6	3013.6	213.6	0.0

1)Compressions: #1) 76, #2) 76, #3) 76, #4) 75.
2) Replaced oil cooler with new, part # 800108, serial # 3561138 installed, serial # C054042-23 removed.
3) Replaced corroded oil cooler retaining bolts part # AN3-41A.
4) Serviced with 5 qts Aeroshell 15W-50 oil.
5) Ground run & leak checked good.

I certify that this engine has been inspected in accordance with an annual inspection as per the Piper PA28-181 AMM and CFR Part 43 Appendix D and was determined to be in an airworthy condition. This engine is approved for return to service.

Mechanic	Michael Grizzanti	Certificate #	CRS 5TRR245M	Date	04/19/2017

AVIATION TECHNOLOGIES, INC

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-2137

Tach	Hobbs	ACTT	Engine	Propeller
	3047.0	3047.0	247.0	33.4

Drained oil sump, cut & inspected oil filter element for contaminants, checked normal. Installed new AA48103-2 oil filter and serviced with 8 qts. Aeroshell 15W-50 oil. C/W oil sample for analysis(AvLab). Run & leak checked ok.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Vince Colarusso	Certificate #	CRS 5TRR245M	Date	08/29/2017

ENGINE LOG

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-2651

Tach	Hobbs	ACTT	Engine	Propeller
	3076.7	3076.7	276.7	63.1

1) Compressions: #1) 74, #2) 73, #3) 75, #4) 76.
2) Drained oil sump, cut & inspected oil filter element & suction screen for contaminants, checked good. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
3) C/W AD2017-14-04 Oil Cooler Hose Inspection, no defects noted. Next due at 3176.7 ACTT.
4) Ground run & leak check good.

I certify that this engine has been inspected in accordance with an annual inspection as per the Piper Archer III PA28-181 AMM & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This engine is approved for return to service.

Mechanic	Michael Grizzanti	Certificate #	CFR 5TRR245M	Date	05/11/2018

To
Carry Forward

and Remarks	Signature	Certificate No.

Cessna

Moyer Aviation, Inc.
Pocono Mt Airport ,188 Airport Drive Tobyhanna PA 18466
570-839-7161 / FAX 570-839-7162

Date	Tail #	Make / Model	Serial #	Tach/Hobbs
10-15-18	N699DW	Piper PA28-181	2843612	3117 Hobbs

Troubleshot carb stumble. Found #@ & #4 cylinder primer system leaking, Replaced Primer lines 63806-000 ^3838-000 63837-000 and block 460-652. Replaced rocker box gaskets SLR75906. Removed wires from alternator shunt and cleaned connection reinstalled tested sat.

Kurt R Singer DOM ---------- Kurt R Singer ---------- CERT # A&P2857290 IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3077

Tach	Hobbs	ACTT	Engine	Propeller
	3135.0			

Replaced inop starter part # 149NL, serial # H-S101316 installed, serial # FN-2015107 removed. Ground run checked good.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Max Webster Max Webster	Certificate #	CRS 5TRR245M	Date	12/13/2018

Tot
Ca

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3084

Tach	Hobbs	ACTT	Engine	Propeller
	3135.8	3135.8	335.3	121.7

Drained oil sump, cut & inspected oil filter element for contaminants, checked normal. Installed new CH48110-1 oil filter and serviced with 8 qts. Aeroshell 15W-50 oil. C/W oil sample for analysis (AvLab). Run & leak checked good.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Michael Grizzanti	Certificate #	CRS 5TRR245M	Date	12/14/2018

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3295

Tach	Hobbs	ACTT	Engine	Propeller
	3146.5			

Pilot reported high oil pressure during flight. Ground run checked oil pressure and found normal indications. Removed oil filter, cut & inspected element for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 1 quart of Aeroshell 15W-50 oil. Ground run checked engine to check oil filter for leaks and to check oil pressure indication. No defects noted at this time.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Max Webster	Certificate #	CRS 5TRR245M	Date	02/25/2019

and Remarks

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3361

Tach	Hobbs	ACTT	Engine	Propeller
	3149.4			

1) Inspected wiring harness & plug for oil pressure transmitter & checked oil pressure with gauge for proper pressure, no defects noted.
2) Drained oil sump, cut & inspected oil filter element & sump screen for contaminants, checked good. Installed new CH48110-1 oil filter #serviced with 8 qts Aeroshell 15W-50 oil. Run & leak checked good.
3) C/W oil sample for analysis (AvLab).

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS 5TRR245M	Date	03/20/2019

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3519

Tach	Hobbs	ACTT	Engine	Propeller
	3162.8	3162.8	362.8	149.2

1) Compressions: #1) 78, #2) 75, #3) 75, #4) 78.
2) C/W AD2017-14-04 Oil Cooler Hose Inspection. No defects noted. Next due at 3262.8 ACTT.
3) Drained oil sump, cut & inspected oil filter element & sump screen for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
4) C/W oil sample for analysis (AvLab).
5) Replaced induction filter part # BA3.
6) Ground run & leak checked good.

I certify that this engine has been inspected in accordance with an annual inspection as per the Piper Archer III AMM & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This engine is approved for return to service.

Mechanic	Michael Grizzanti	Certificate #	CRS 5TRR245M	Date	06/07/2019

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-3733

Tach	Hobbs	ACTT	Engine	Propeller
	3210.9			

Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Installed new CH48110-1 oil filter and serviced with 8 qts. Aeroshell 15W-50 oil. C/W oil sample for analysis (AvLab). Run & leak checked good.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	5TRR245M	Date	10/24/2019

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4013

Tach	Hobbs	ACTT	Engine	Propeller
	3244.9	3244.9	444.1	231.3

1) Compressions: #1) 70, #2) 72, #3) 75, #4) 76.
2) C/W AD2017-14-04 Oil Cooler Hose Inspection. No defects noted. Next due at 3344.9 ACTT.
3) C/W Oil and Filter Change IAW Lycoming SB480F, Drained oil sump, cut & inspected oil filter element & sump screen for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
4) C/W oil sample for analysis (AvLab).
5) Replaced induction filter part # BA3.
6) Replaced Starter ring gear P/N 72566, IAW Lycoming Service Instruction No. 1141A.
7) Replaced Crank seal with New, P/N LW-13792 IAW Service Instruction No. 1324C.
8) Ground run & leak checked good.

I certify that this engine has been inspected in accordance with an annual inspection as per the Piper Archer III AMM & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This engine is approved for return to service..

Mechanic	Kris Cerretani	Certificate #	CRS 5TRR245M	Date	06/26/2020

Carry Forward

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4187

Tach	Hobbs	ACTT	Engine	Propeller
	3286.1		485.3	272.5

1. C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
2. C/W oil sample for analysis (AvLab).
3. Ground run and leak checked, No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Reguiations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# 5TRR245M	Date	12/29/2020

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4295

Tach	Hobbs	ACTT	Engine	Propeller
	3324.1		523.3	310.5

1. C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
2. C/W oil sample for analysis (AvLab).
3. One can of Cam-Guard oil additive used..
4. Ground run and leak checked, No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# 5TRR245M	Date	04/08/2021

Tot
Ca

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA-28-181	2843612	MRO-4330

Tach	Hobbs	ACTT	Engine	Propeller
N/A	3339.7	3339.7	538.9	326.1

1. Compressions: #1) 74, #2) 71, #3) 72, #4) 78.
2. replaced Base gasket at oil dipstick tub P/N 07-03061.
3. Replaced leaking Intake gasket at #2 cylinder head P/N 71973.
4. Overhauled Left Magneto C/W 500 hour Inspection SB1-86C.
5. Overhauled Right Magneto C/W 500 hour Inspection SB1-86C.
6. Oil change not due at this time.

I certify that this Engine has been inspected in accordance with an annual inspection as per the Piper PA28-181 AMM 5-20-00 & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This aircraft is approved for return to service.

Mechanic	Jared Kizer	Certificate #	CRS# 5TRR245M	Date	06/17/2021

ENGINE LOG

	Engine Time	Recorder

D

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4399

Tach	Hobbs	ACTT	Engine	Propeller
	3356.6		555.8	

1. C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50 oil.
2. C/W oil sample for analysis (AvLab).
3. One can of Cam-Guard oil additive used..
4. Ground run and leak checked, No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# 5TRR245M	Date	08/27/2021

Total To Carry Forward			

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4618

Tach	Hobbs	ACTT	Engine	Propeller
	3395.0			

– C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Inspected Sump Screen No abnormal findings, Secured sump screen using new crush gasket IAW Lycoming SSP-1776-5-PT1 Page 1-41 Table III, Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50.
- C/W oil sample for analysis (AvLab).
- One can of Cam-Guard oil additive used..
- Ground run and leak checked, No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Matthew Jensen	Certificate #	CRS# 5TRR245M	Date	04/22/2022

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA-28-181	2843612	MRO-4671

Tach	Hobbs	ACTT	Engine	Propeller
N/A	3412.8	3412.8	612	399.2

Engine

- Compressions: #1) 74, #2) 71, #3) 77, #4) 72.
- Oil change not due at this time.
- C/W AD2017-14-04 Oil Cooler Hose Inspection. No defects noted. Next due at 3512.8 ACTT
- removed Weatherization plate.
- replaced All spark plugs with New P/N UREM40E.

I certify that this Engine has been inspected in accordance with an annual inspection as per the Piper PA28-181 AMM 5-20-00 & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This aircraft is approved for return to service.

Mechanic	kris Cerretani	Certificate #	CRS# 5TRR245M	Date	07/08/2022

Total To Carry Forward

and Remarks	Signature	Certificate No.

AVIATION TECHNOLOGIES, INC.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA28-181	2843612	MRO-4828

Tach	Hobbs	ACTT	Engine	Propeller
	3440.1		639.3	

– C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Inspected Sump Screen No abnormal findings, Secured sump screen using new crush gasket IAW Lycoming SSP-1776-5-PT1 Page 1-41 Table III, Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50.
- C/W oil sample for analysis (AvLab).
- One can of Cam-Guard oil additive used..
- Ground run and leak checked, No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# 5TRR245M	Date	~~04/22/2022~~

12/07/22

ENGINE LOG

Aviation Technologies, Inc.

"N" NUMBER	MODEL	SERIAL	WORK ORDER #
N699DW	PA-28-181	2843612	MRO-4996

Tach	Hobbs	ACTT	Engine	Propeller
N/A	3473.4	3473.4	672.6	459.8

Engine

- Compressions: #1) 75, #2) 72, #3) 76, #4) 78.
- C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Inspected Sump Screen No abnormal findings, Secured sump screen using new crush gasket IAW Lycoming SSP-1776-5-PT1 Page 1-41 Table III, Installed new CH48110-1 oil filter & serviced with 8qt Aeroshell 15W-50 Oil.
- Inspected Engine for Intermittent High oil Pressure readings, No defects detected, Suspect Oil Pressure Sending Unit, See AF Log.

I certify that this Engine has been inspected in accordance with an annual inspection as per the Piper PA28-181 AMM 5-20-00 & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This aircraft is approved for return to service.

Mechanic	Stephns Sickler	Certificate #	CRS# 5TRR245M	Date	07/11/2023

Total To Carry Forward

Airport Radio Avionics

Airport Radio Avionics and Maintenance

"N" NUMBER	MODEL		SERIAL		WORK ORDER # AR-
N699DW	Piper PA-28-181		2843612		AR-4021
Tach	Hobbs	ACTT	ACTC	Engine	Propeller
	3510.3			709.5 ~~799.5~~	

Engine
-- C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Inspected Sump Screen No abnormal findings, Secured sump screen using new crush gasket IAW Lycoming SSP-1776-5-PT1 Page 1-41 Table III, Installed new CH48110-1 oil filter & serviced with 8 qts Aeroshell 15W-50.
- C/W oil sample for analysis (AvLab).
- One can of Cam-Guard oil additive used..
- Ground run and leak checked. No defect noted.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# XPRR648K	Date	01/15/2024

ENGINE LOG

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

Airport Radio Avionics

Airport Radio Avionics and Maintenance

"N" NUMBER	MODEL		SERIAL		WORK ORDER #
N699DW	Piper PA-28-181		2843612		AR-4248
Tach	**Hobbs**	**ACTT**	**ACTC**	**Engine**	**Propeller**
N/A	3541.1	3541.1		740.6 ~~740.3~~	527.5

Engine

- Compressions: #1) 72, #2) 70, #3) 74, #4) 76.
- C/W Lycoming SB 480F Oil & Filter Change. Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Inspected Sump Screen No abnormal findings, Secured sump screen using new crush gasket IAW Lycoming SSP-1776-5-PT1 Page 1-41 Table III, Installed new CH48110-1 oil filter & serviced with 8qt Aeroshell 15W-50 Oil.

I certify that this Engine has been inspected in accordance with an annual inspection as per the Piper PA28-181 AMM 5-20-00 & CFR Part 43 Appendix D and was determined to be in an airworthy condition. This aircraft is approved for return to service.

Mechanic	Kris Cerretani	Certificate #	CRS# XPRR648K	Date	08/02/2024

and Remarks	Signature	Certificate No.

Tech Aviation
Services

"N" NUMBER	MODEL	SERIAL #	WORK ORDER #
N699DW	PA-28-181	2843612	AR-4363
HOBBS	TACH	ENGINE	
	3575.0	774.5	

ENGINE
-DRAINED OIL SUMP. CUT & INSPECTED OIL FILTER ELEMENT FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW AA48110-2 OIL FILTER. SERVICED WITH 8 QTS. AEROSHELL 15W-50 OIL AND CAMGUARD OIL ADDITIVE. ALSO C/W AVLAB OIL SAMPLE. RUN AND LEAK CHECKED GOOD.

The article above was repaired and inspected as required by current AMM and FAA Regulations and is certified to be airworthy with respect to work performed. This article is approved for return to service.

Technician		Certificate #	XPRR648K	Date	02/27/2025

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

MAKE: Piper
MODEL: PA-28-181
S/N: 2843612
REG. NO: N699DW
ENGINE MAKE: LYCOMING
ENGINE MODEL: O-360
SERIES

MOYER AVIATION

Moyer Aviation
188 Airport Drive
Tobyhanna, PA 18466

W/O #: MPO20436
DATE: 08-21-2025
A/C Tach: 3613.0
ENG TT: 814.0
TSMOH: 814.0

Engine Entries

Cylinder compressions
#1: 78 /80; #2: 74/80; #3: 78/80; #4 76/80... C/W Oil & Filter Change IAW Lycoming SB 480F Drained oil sump, cut & inspected oil filter element for contaminants, none noted. Installed new oil filter & serviced to capacity. AvLab oil analysis C/W... AD 2024-21-02 connecting rod assembly inspection, N/A by build date.... 500 hour magneto inspection PCW at 3339.7, 06/17/2021, Not due at this time.... Replaced Oil Filler neck base gasket P/N:72059... Tightened Hose Clamps on Rocker Drain Back Tubes... Adjusted and Secured Clamps on AC Line... Replaced carburetor inlet gasket P/N: 16-A48... Replaced Engine Crankcase seal P/N: LW-13792 referencing Lycoming Service instruction No. 1324D... Adjusted mag timing... ... Replaced Airconditioning compressor belt with New P/N 73965-010.
Replaced Alternator belt with New P/N 73965-020.... Replaced one faulty spark plug with New, P/N REM40E.

I certify that this Engine has been inspected in accordance with an annual inspection IAW FAR Part 43 Appendix D and was determined to be in an airworthy condition. This Engine is approved for return to service.

DATE: 08-21-2025 SIGNED: Kris Cerretani

Kris Cerretani
A&P I.A.: 3532610

WORK ORDER: MPO20436

Total To Carry Forward			