



The Standard

ENGINE LOG

ASA-SE-1

The subject aircraft was involved in an incident / accident on 9/7/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 3141260555US.

Signed: ***Underwriters Salvage Company***

Date: **11/3/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

EL

YEAR:				
DATE				
	 ABLE AIR CORPORATION 12659 Osborne St., Pacoima, CA, 91331-2192 Phone # 818-899 7468 N43601 Tach: 3615.07 03/26/2024 Replaced starter with new unit Electrosystems Inc P/N MZ-6224. Operational check, normal. <i>Art Cueva</i> AP2827603			

epair

EL

YEAR:	RECORDING	TODAY'S	TOTAL	

N43601
LYCOMING O-360-A1A, SN: L-23861-29

01 NOV 2024 TACH: 3627.89 SMOH: 1420.08
Changed oil and filter. Serviced with Aeroshell W100 Plus and CFO-100-1 filter. Clean spark plugs and rotate. Compression check: #1 78/ 80, #2 80/80, #3 76/80, #4 76/80. Checked magneto timing. Checked intake and exhaust systems. Checked all accessories.
I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Edward J. Cervantes
Edward J. Cervantes, AP27492089IA

YEAR: _____ 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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Edward J. Cervantes, AP27492089IA

Edward J. Cervantes, AP27492089IA

YEAR: 2021 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.)
8/1/21	3535.57	TSMO	1376.97	COMPLETED 100 HR INSPECTION I/A/W LYCOMING AND PIPER SERVICE MANUALS & CHECK LISTS. SENT SPARK PLUGS TO A/C SPARK PLUG SVC. 3 FINE WIRES WERE BAD. PUT SERVICEABLE MASSIVE SIP'S IN TOP OF CYLS. & PUT 4 NEW REM 38E MASSIVE CHAMPION SIP'S IN THE BOTTOMS OF CYLS. CHECKED MAGNETO/ENGINE TIMING - OK. MAGNETOS TSON ON MAG'S 95.78 HRS. Replaced BA-3 ENGINE AIR FILTER. COMPRESSION test: #1-75, #2-76, #3-78, #4-76. DRAINED OIL & INSTALLED 8 QTS of AEROSOL 100 AD + OIL & INSTALLED A NEW 100-1 FILTER.

YEAR: 2021 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.)
8/1/21	3535.57	TSMO	1376.97	CONTINUED CHECKED FILTER FOR CONTAMINANTS, NONE FOUND. REPLACED OIL FILL TUBE. FORD KLN 01340205 A&P NOTE INSPECTED FILTER FOR CONTAMINATION, NO CONTAMINANTS FOUND FORD KLN 01340205 A&P

YEAR: 2019/ DATE 2020	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.)
9/5	3454.93			DRAINED ENGINE OIL & INSTALLED 7 QTS OF SHELL 100 AD AIRCRAFT ENGINE OIL. REPLACED ROCKER COVER GASKET ON #3 CYLINDER. Fred W. Kahn A#P 01340205 BLED RIGHT SIDE TIE BRAKES AND TESTED. BRAKES HZO AT 2500 RPM. Fred W. Kahn A#P 01340205
5/22/2020	3482.20			DRAINED ENGINE OIL & INSTALLED 8 QTS OF SHELL 100 AD + AIRCRAFT ENG. OIL. AND A NEW 100-1 OIL FILTER. RAN ENGINE - NO LEAKS. INSPECTED OLD FILTER. NO SIGNIFICANT CONTAMINATION. Fred W. Kahn 01340205 A#P

YEAR: 2020 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/1	3486.36			TSMOH 1277.92 1327.76 COMPLETED 100 HR ^{INSPECTION} P/AV LYCOMING AND PIPER SERVICE MANUALS & CHECKLISTS. CLEANED AND INSPECTED ALL SPARKPLUGS AS NEEDED. CHECKED MAGNETO-ENGINE TIMING. OK. MAGNETOS 46.57 HRS. REPLACED REPLACED BA-3 ENGINE AIR FILTER COMPRESSION TEST: #1 78/80 #2 77/80 #3 78/80 #4 74/80. Fred W. Kahn 01340205 A#P
10/23/20	3508.04			DRAINED ENGINE OIL & INSTALLED 7 QTS. OF SHELL 100 AD PLUS AIRCRAFT ENGINE OIL. Fred W. Kahn 01340205 A#P

YEAR: 2018 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.)
6/2/2018	3390.55		TSMOH 1231.95	COMPLETED 100 HR INSPECTION I/A/W LYCOMING, PIPER AND SERVICE MANUALS. CLEANED #GAPPED SPARK PLUGS. CHECKED TIMING OK COMPRESSION TEST #1-77 #2-73, #3-75, #4-75 MAGNETOS - 453 HRS. Ferdi W. Kuhn 01340205 A#P
7/17/18	3401.88			DRAINED OIL & INSTALLED 7 QTS OF SHELL 100AD PLUS AIRCRAFT ENGINE OIL Ferdi W. Kuhn 01340205 A#P
12/4/18	3427.39			DRAINED OIL & INSTALLED 8 QTS OF SHELL 100AD PLUS AIRCRAFT ENGINE OIL AND A NEW 100-1 OIL FILTER ELEMENT. RAN

YEAR: 2018 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.)
12/14/18				CONT'D ENGINE & CHECKED FOR LEAKS, NO LEAKS. CUT FILTER NO SIGNIFICANT CONTAMINANT OBSERVED. Ferdi W. Kuhn 01340205 A#P.
1/1/2019	3440.39		TSMOH 1281.79	Completed 100 HR Insp I/A/W Lycoming & Piper Service Manuals. Spark PLUGS CLEANED, Gapped & tested. Removed SLICK magnetos FOR OVERHAUL by Aeroaccessories. RE-INSTALL ed and timed magnetos. Compression Test: #1-76, #2-74, #3-77, #4-75. RE-SEALED OIL FILL TUBE WITH PROPER SEALANT. Ferdi W. Kuhn 01340205 A#P

YEAR: 2016 # 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.)
6/10	3276.36			DRAINED OIL AND INSTALLED 8 QTS OF SHELL 100AD PLUS AIRCRAFT ENGINE OIL AND 100-1 OIL FILTER ELEMENT. CUT OPEN FILTER AND NO CONTAMINANTS FOUND. Feld Kuhn A#P01340205
8/20 2016	3293.78			DRAINED OIL & INSTALLED 7 QTS OF SHELL 100AD PLUS AIRCRAFT ENGINE OIL Feld Kuhn A#P01340205
2/22 2017	3320.33			DRAINED OIL & INSTALLED 8 QTS OF SHELL 100AD PLUS A/C ENGINE OIL AND 100-1 OIL FILTER ELEMENT. NO CONTAMINANTS IN FILTER Feld Kuhn 01340205 AP

YEAR: 2017 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.)
5/1/17	3326.67	—	1103.13	TSMOH 1167.97 COMPLETED 100 HR INSPECTION 1/A/W LYCOMING AND PIPER SERVICE MANUALS. CLEANED AND GAPPED SPARK PLUGS, CHECKED TIMING OK COMPRESSION TEST #1 78 - #2 75 #3 76 #4 77. MAGNETOS 389 HRS. RAN ENGINE PERFORMANCE NORMAL. Feld Kuhn 01340205A#
7/22/17	3346.57			DRAINED OIL & INSTALLED 7 QTS OF SHELL 100AD PLUS AIRCRAFT ENGINE OIL Feld Kuhn A#P01340205
12/1/17	3373.18			DRAINED OIL & INSTALLED 8 QTS OF SHELL 100AD+ OIL & A-100-1 OIL FILTER. Ran engine & checked for leaks. NO LEAKS. CUT FILTER, NO SIGNIFICANT CONTAMINANTS Feld Kuhn 01340205A#

YEAR: 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.)
 12659 Osborne St., Pico, CA, 91331-2192 Phone # 818-899 7468				
				N43601 Tach: 3225.56 5/29/2015 Heli-arc weld repaired exhaust system. Replaced all exhaust gaskets, mounting nuts, and bolts. Run up leak checked, OK. <i>[Signature]</i> AP2827603

YEAR: 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.)
2015				
9/2	3241.77			DRAINED OIL & INSTALLED 5QTS SHELL 100 AD PLUS OIL & 2QTS OF SHELL 100 AD OIL.
4/1/2016	3261.73			Field Kuhn A#P 01340205 TACH TIME, TOTAL TIME 1103.03 HRS TSMOH COMPLETED 100 hr INSPECTION I/A/W PIPER & LYCOMING SERVICE MANUALS. CLEANED & GAPPED SPARK PLUGS, CHECKED TIMING OK COMPRESSION TEST #1, 78 - #2, 76 #3 78 #4 76. REPLACED OIL COOLER HOSES. MAGNETOS 32 HRS. SINCE NEW. Field Kuhn A#P 01340205

Art Cueva
AP2827603

Art. Nueva
AP2827603

YEAR: 14 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.)
5/23/14	3181.2	TSMOH	102.5	inspected this aircraft per 100'H inspection and was determined to be in an airworthy condition can 2-78/80 2-79/80 3-79/80 4-78/80 John A. Clamen AP3440145 JA
6/26/14	3188.03			DRAINED OIL & INSTALLED 7 QTS 100 AD OIL & A NEW 100-1 OIL FILTER ELEMENT. RAN ENGINE NO LEAKS. CUT FILTER OPEN NO CONTAMINANTS FOUND. Fred Kuhn AP01340205

YEAR: 2014 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.)
11/7/14	3213.23			DRAINED OIL & INSTALLED 7 QTS OF 100 AD OIL. Fred Kuhn AP01340205
5/12/15	3224.31	TACH TIME	TSMOH 1065.61	COMPLETED 100 HR INSP. 1/A/W PIPER & LYCOMING SERVICE MANUALS. CLEANED, GAPPED & TESTED SPARK PLUGS. CHECKED MAG TIMING OK. COMPRESSION TEST: #1-76, #2-77, #3-74 #4-75. DRAINED OIL & INSTALLED 7 QTS OF SHELL 100 AD OIL & A NEW 100-1 OIL FILTER. RAN ENGINE, ALL INDICATIONS NORMAL. CUT OIL FILTER OPEN NO CONTAM- INANTS FOUND Fred Kuhn AP01340205

YEAR: 2013 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.)
5/24/13	3115.04	TACH TIME	TSMOH 956.34	COMPLETED MAINT (100 HR) INSPECTION I/A/W PIPER & LYCOMING SERVICE MANUALS. CHECKED TIMING OK. COMPRESSION TEST #1 77/80, #2 74/80, #3 76/80, #4 76/80. CLEANED, GAPPED & TESTED SPARK PLUGS. RAN ENGINE, RUN-UP NORMAL. Fuel/Kuhn A#P 1340205
5-27-13	31504	956345	MOH	inspected the aircraft engine per 100 hr inspection and was determined to be in an airworthy condition John Cleaver AP31001451A

YEAR: 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/22	3135.61	DRAINED OIL & INSTALLED 8 QTS OF SHELL 100 AD OIL AND A NEW 100-1 OIL FILTER ELEMENT. CUT FILTER OPEN. NO CONTAMINANTS FOUND. Fuel/Kuhn A#P 01340205		
11/16	3163.61	DRAINED OIL & INSTALLED 7 QTS OF SHELL 100 AD OIL Fuel/Kuhn A#P 01340205		
5/22 2014	3181.2	TACH TIME	TSMOH 1022.5	COMPLETED 100 HR INSPECTION I/A/W PIPER & LYCOMING SERVICE MANUALS. CLEANED GAPPED & TESTED SPARK PLUGS. CHECKED MAG TIMING OK. COMPRESSION TEST: #1-78/80 #2-77/80 #3 79/80, #4 75/80. RAN ENGINE, RUN-UP NORMAL. Fuel/Kuhn A#P 01340205

Engine Record General Information

Manufacturer TEXTRON LYCOMING Model 0360-A1A

Serial L-23861-36A Type Certificate

This engine is currently installed in aircraft PIPER CHEROKEE PA 28-140
N43601

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

ENGINE LOG

Serial No.

[illegible]

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

09-21-2011 N43601 Tach Time: 3003.39
 Changed oil only (no filter), serviced with 7qts Aeroshell W100. checked for leaks none found. *SJS* A&P 451498139

MAY 1, 2012			TACH TIME 3030.49 TSMOM 871.80		
			COMPLETED ANNUAL (100HR) INSPECTION I/A/W		
			PIPER & LYCOMING SERVICE MANUALS. CLEANED,		
			GAPPED & TESTED SPARK PLUGS. INSTALLED 7QTS		
			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		

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Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5-1-2012			ANNUAL INSPECTION CONTINUED TACH-3030.49 of SHELL 100AD OIL AND NEW CF100-1 OIL FILTER. OPENED OLD FILTER. NO CONTAMINANTS FOUND. CHECKED & RESET TIMING. OK. COMPRESSION TEST AS FOLLOWS: #1 79/80 #2 77/80 #3 77/80, #4 76/80. RAN ENGINE, NO LEAKS. <i>Fred Kuh</i> A&P 01340205		
7-10-2012	3048.42		REPLACED STARTER SWITCH WITH PIN TCM C292501-010 <i>Strom Kuh</i> #01340205		
7-25-2012	3051.89		CHANGED OIL, NO FILTER. FILLED WITH 7QTS AEROSHELL W100 AD. <i>Fred Kuh</i>		
			Page Total	All Repair Data Must Bear the Endorsement of a 01340205 Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

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Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-4-2011			TACH TIME 2955.43 TSMOH 796.64 COMPLETED ANNUAL (100 HR) INSPECTION I/A/W PIPER & LYCOMING SERVICE MANUALS. CLEANED GAPPED & TESTED SPARK PLUGS. INSTALLED 7 QTS 100 AD (SHELL). CHECKED TIMING OK - COMPRESSION TEST - #1 - 78/80 #2 77/80 #3 76/80 #4 75/80. Found W/Kuh A#P01340205 AVIATION OIL ANALYSIS (AOA) - "ALL VALUES APPEAR NORMAL" Found W/Kuh A#P01340205		
			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			
7/4/11			Tach 2933.43 TSMOH 796 Certif that this aircraft Engine has been inspected TAG 100 HR inspection and was found to be in an airworthy condition. Found W/Kuh A#P340205		
8/9/11			2977.66 DRAINED OIL & ADDED 8 QTS of Shell 100 AD OIL INSTALLED CF100-1 OIL FILTER. RAN ENGINE NO LEAKS. Found W/Kuh A#P01340205 CHECKED OIL FILTER FOR CONTAMINANTS. NO CONT. FOUND A#P01340205		
			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		

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/24/10	2	32	.35 (CONT'D) FOUND. REPLACED MASSIVE SPARK PLUGS WITH OVERHAULED UNITS, MODEL NOS. REM 38E #1 REM 38P. 3 REM 38P RECONDITIONED AND REINSTALLED. REPAIRED LEAKING OIL RETURN TUBES, CYL'S 2 & 4. <i>Fred W Kuhn A#PO1340205</i>	<i>FWK</i>	
			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		

Serial No.

12859 Osborne St., Pacoima, CA, 91331-2192
Phone # 818-899 7468

N43601

Tach 2932:3

9/28/2010

Checked all exhaust valve clearances per Lycoming S/B388 and boroscoped .
Removed #3 cylinder for repair by CRS TZ3R885L, W/O 25429 and reinstalled
per manufactures instructions. Engine test run normal.

Stephen Slonneger
AP1564445

Page Total

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Total to Date

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

ENGINE LOG

Serial No. _____

ENGINE LOG				Signature	License Number
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		
	Hrs	Min			
3-23-10			ANNUAL INSP CONTINUED. SPARK PLUGS		
TT 28	78.41		CLEANED, GAPPED & TESTED. MAGNETO		
			TIMING CHECKED OK. CHECKED MUFFLER		
			FOR CRACKS PER AD 70-16-5 NO CRACKS.		
			COMP. TEST #1 77/80 #2 78/80 #3 77/80 #4 77/80		
			Fridw Kuhm A&P 01340205		
3-23-10					
28	78.41	TT	inspect aircraft engine per 100 hr reqd		
7195.5	MHA		and was found to be airworthy		
			John Chan 3440148		
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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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/5/10	28	99.98	DRAINED OIL & INSTALLED 7 QTS OF AEROSHELL 100 AD OIL. Fridw Kuhm 01340205		
8/13/10	29	26.6	DRAINED OIL & INSTALLED 7 QTS. Aeroshell W100 AD oil. Cecilia M. Strayford 2883290		
9/24/10	29	32.35	INSTALLED SLICK 4300 SERIES MAGNETOS, S/N'S 01100352 AND 01092039 AFTER 500 HOUR INSPECTION. DOCUMENTATION WITH A/C RECORDS. RUN ENGINE, MAG DROP SATISFACTORY. DRAINED OIL & INSTALLED 7 QTS OF AEROSHELL 100 MINERAL OIL & CF 100-1 OIL FILTER. AOA INSPECTED FILTER MEDIA, AVO CONTAMINATION FOUND. PULLED SUMP FILTER, NO CONTAMINATION		
			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. _____

ENGINE LOG				Signature	License Number
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		
	Hrs	Min			
3/4/09	27	79	FX		
5/29/09	2801.04		DRAINED OIL & INSTALLED 8 QTS AEROSHELL 100 AD OIL - INSTALLED CF100 FILTER. CHECKED OLD FILTER FOR FOREIGN MATERIAL. NO FOREIGN MATERIAL FOUND. FUEL VALVE A&P 01340205		
6/26/09	2803.17		Muffler/Exhaust Pipe REPAIRED BY HELI-ARC WELDING FUEL VALVE A&P 01340205		
8/14/09	2825.04		DRAINED OIL & INSTALLED 7 QTS OF AEROSHELL 100 AD OIL. TOPPED OFF BRAKE RESERVOIR (2025) FUEL VALVE A&P 01340205		
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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/25/09			Drained oil & installed 8 qts. Aeroshell 100 AD oil. Tach 2850.1 Cecilia M. Stratford 2883290		
11/28/2010			TACH TIME 2876.74 DRAINED OIL & INSTALLED 8 QTS OF AEROSHELL 100 AD OIL. INSTALLED NEW CF100-1 OIL FILTER. FUEL VALVE A&P 01340205		
1/28/2010			TACH TIME 2876.74 CHECK OLD CF100-1 OIL FILTER FOR FOREIGN MATERIAL. NO FOREIGN MATERIAL FOUND.		
3-23-10			TACH TIME 2878.41. TIME SINCE MAJOR O/H. 719.62 COMPLETED ANNUAL INSP (100 HR) 1/A/W PIPER & LYCOMING INSP & SERVICE MANUALS. (SEE OVER)		
			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		

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Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-1-09			TACH TIME 2775.77 TIME SINCE MAJOR O/H 616.98 COMPLETED ANNUAL (100 HR) INSPECTION. I/A/W PIPER & LYCOMING INSP. SERVICE MANUALS. SPARK PLUGS CLEANED, GAPPED & TESTED. MAGNETO TIMING CHECKED OK. CHECKED MUFFLER FOR CRACKS PER AD 70-16-5. NO CRACKS. INSTALLED NEW SHAFT BEARINGS IN CARB. AIR BOX & RIGGED CONTROLS FOR PROPER OPERATION. COMP. TEST #1 78/80, #2 77/80, #3 78/80, #4 76/80. EGT & CYL. HEAD TEMP SYSTEMS WORKING SATISFACTORY. Fed. K. 01340205		
			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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Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-1-09			TT 2775.77 5M O/H 616.98 I certify that this aircraft engine has been inspected IAW 100 HR inspection and even more to be in an airworthy condition. J. J. O'Connor AFS71582681A		
3/4/09	2779.79		TACH TIME. DRAINED OIL & INSTALLED 7 QT'S AEROSHELL 100 AD OIL. OIL SAMPLE TAKEN. Fed. K. 01340205 AEP		
3/24/09			RESULTS OF OIL ANALYSIS: "ALL VALUES APPEAR NORMAL" PAPERWORK WITH AIRCRAFT DOCUMENTS. Fed. K. AEP 01340305		
			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		

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Serial No. _____

Date 2008	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/22/08			TACH TIME 2694.26 TSMOH 535.47 ANNUAL CONTINUED REMOVED & REINSTALLED PROPELLER I/A/W HARTZELL MANUAL No 115N REV 13. INSTALLED NEW CRANK (FRONT) SEAL PIN LW 13792 & NEW ALTERNATOR DRIVE BELT PIN 37019 273-376. COMP TEST, CYL #1 78/80, CYL #2 78/80, CYL #3 77/80, CYL #4 78/80. 4 EA FINE WIRE PLUGS INSTALLED IN LOWER POSITIONS. Ferdinand A&P 01340205		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
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Date 2008	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-1-08			Took 2694.26 TSMOH 535.47 I certify that this aircraft engine has been inspected IAW 100HA inspection and was determined to be in an airworth condition John Brown A&P 01340205		AP571582 (7) 1A
7/1/08			TACH TIME 2722.47 DRAINED OIL & INSTALLED 7 QTS OF SHELL 100 AD OIL. Ferdinand A&P 01340205		
9/3/08			TACH TIME 2755.62 DRAINED OIL & INSTALLED 8 QTS OF SHELL 100 AD OIL. INSTALLED CF100 FILTER CHECK OLD FILTER FOR FOREIGN MAT'L, NONE Page Total DETECTED. Brought Forward Ferdinand Total to Date A&P 01340205		
			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		

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Serial No.

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ENGINE LOG

Serial No.

ENGINE LOG			Signature	License Number
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	
	Hrs	Min		
2008				
1/22/08			TACH TIME 2694.26 TIME SINCE MAINT 535.47 COMPLETED ANNUAL (100 HR) INSPECTION 1/AW PIPER 3 LYCOMING SERVICE MANUALS. SPARK PLUGS CLEANED, GAPPED & TESTED. MAGNETO TIMING CHECKED OK. DRAINED OIL AND INSTALLED 8 QTS SHELL 100 ADOIL. AND CF100 FILTER. CHECKED FILTER, NO FOREIGN MATERIAL FOUND. CHECKED MUFFLER FOR CRACKS PER AD70-16-05, NO CRACKS DETECTED. (CONTINUED ON NEXT PAGE)	
			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			
7/17/06	TACH		TIME 2592.87 DRAIN OIL & FILL CRANKCASE WITH 8 QTS OF Shell 100AD oil Fred W. Kulm A#P01340205		

Date: January 1, 2007 Tach Time 2614.81 TSMO: 456.02

Completed (100 hr) Annual Inspection in accordance with Piper and Lycoming Service Manuals. Spark plugs cleaned, gapped and tested. Magneto timing checked OK. Drained oil and installed 8 qts. of Shell 100 AD oil. Installed new CF 100 filter. Checked old filter for foreign material, no foreign material found. Checked for cracks in muffler per AD 70-16-05, no cracks detected. Resealed oil fill pipe. Compression Test: #1-75/80, #2-74/80, #3-76/80, #4-79/80.

Fred W. Kulm A#P01340205

Page Total

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Total to Date

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/30/06			2614.81 T 456.02 SMO 17 I Certif. that this aircraft engine has been inspected IAW 100 AD inspection and was determined to be in an airworthy condition John W. A #571582681 A		
6/2/07			441A need 500 hour Magneto inspection 2643.65. DRAINED OIL & FILLED WITH 7 QTS OF SHELL 100 AD OIL. Fred W. Kulm A#P01340205		
			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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/14/05	25	38	Drain oil & install 8qts Aeroshell 100 AD oil. change oil filter CPO100.		

Date: October 25, 2005 Recording Tach Time: 2531.19 TSMO: 372.42

Completed (100 hr) Annual Inspection in accordance with Piper and Lycoming Service Manual. Cleaned and gapped spark plugs. Adjusted magneto timing. Compression test, #1 77/80, #2 76/80, #3 76/80, #4 74/80.

Fed Kuln A#P 01340205				
				</

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
05-06	25	19	I Certify That This engine/Engine has been inspected IAW 100 A 1 injectors and was determined to be in an airworthy condition. AP57158289/H		

1/3/06 TACH TIME 2537.65
DRAIN OIL & AD 7QTS OF SHELL 100 AD OIL
Fed Kuln A#P 01340205

5/31/06 TACH TIME 2565.51
DRAIN OIL & INSTALL 8QTS OF SHELL 100 HD OIL & NEW
AD 0134-6205
CHECKED FILTER - Fed Kuln
CF 100 OIL FILTER. NO METAL

5/31/06 TACH TIME 2565.51		DRAIN OIL & INSTALL BORTS OF SHELL 100 HD OIL * NEW		APPROX 8205	
		CF100 OIL FILTER. CHECKED FICTER - Ford Kuhn			
		ALL REPAIR DATA MUST BEAR THE ENDORSEMENT OF A		CERTIFICATED MECHANIC, AND HIS RATING AND	
		CERTIFICATE NUMBER MUST BE SHOWN.			
Page Total					
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Date: September 22, 2004. Recording Tach Time: 2455.17
Time Since Major Overhaul: 296.40

Annual (100 hr) Inspection. Inspected aircraft engine in accordance with Piper and Lycoming service manuals. Drain oil and install 8 qts. Aeroshell 100 AD oil and new CFO 100 oil filter. Leak check OK. Oil sample submitted to MET-L-CHEK. Checked old CFO filter and there were no contaminants observed. Checked main fuel screen OK. Installed 8 each REM-38E re-conditioned spark plugs. Checked magneto timing, OK. Compression test: #1-78/80, #2-77/80, #3-78/80, #4-77/80.

Ferdinand Kuhn A#P 01340205

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			

10-7-04 I certify that this aircraft engine has been inspected IAW 100 HR inspection and was determined to be in an airworthy condition.
J. H. (Crew) AP 571582 (P8) IA
296.40 SMCH
3/30/05 2479.05 DRAIN OIL & INSTALL 8 QTS OF AEROSHELL 100 AD OIL AND NEW CFO 100 FILTER. TOPPED OFF BRAKE RESERVOIR WITH MIL-O-5606. Found with A#P 01340205
7/14/05 2509.8 DRAIN OIL & INSTALL 7 QTS OF AEROSHELL 100 AD OIL & NEW CFO FILTER. REPLACED ROCKER ARM #1 - 01340205
Ferdinand Kuhn

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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/1/03	100	10	ANNUAL INSPECTION (CONT'D). INSPECTED 1/A/W LYCOMING & PIPER SERVICE MANUALS Fuller Kuhn A&P 1340205		
9/1/03			I certify that this engine has been inspected 1/A/W 100 H.R. inspection and was found to be in an airworthy condition. J. R. Clower A&P 571581581/A		
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. _____

ENGINE LOG				Signature	License Number
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		
	Hrs	Min			
2004 1/29/04	23	40	DRAINED OIL & FILLED CRANKCASE WITH 8 QTS SHELL 100 AD OIL & INSTALLED CF100 OIL FILTER.	Fuller Kuhn	A&P 1340205
5/2/04	23	40	DRAINED OIL & FILLED CRANKCASE WITH 7 QTS SHELL 100 AD OIL	Fuller Kuhn	A&P 1340205
7/18/04	24	08	DRAINED OIL & FILLED CRANKCASE WITH 8 QTS SHELL 100 AD OIL & INSTALLED 8 QTS CF100 OIL FILTER.		
			REPLACED ROCKER BOX COVER GASKETS ON CYLS 1, 2 & 3	Fuller Kuhn	A&P 1340205
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			
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED FOR AN ANNUAL INSPECTION AND IS IN AN AIRWORTHY CONDITION.	W. Murray	
				A.P. 1510862 IA.	
5/14/03			TACH TIME 2252.27 DRAINED OIL & FILLED CRANK-CASE WITH 8 QTS Shell AD 50WT. INSTALLED NEW CFO 100 FILTER & LEAK CHECKED. CLEANED & ROTATED SPARK PLUGS. REATTACHED hand mic holder Field Kuhn		
			Page Total	All Repair Data Must Bear the Endorsement of a A & P Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. 1340205	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/10/03			TACH TIME 2310.17, TIME SINCE MAINT 151.40 DRAIN OIL & INSTALL 8 QTS. AEROSHELL 100 AD OIL & CFO 100 FILTER & LEAK CHECKED. PULLED MAIN OIL SCREEN, NO FOREIGN MATERIAL. DRAINED CARBURETOR, NO FOREIGN MATERIAL. INSTALLED BAREM 3BE RECONDITIONED SPARK PLUGS. COMP. TEST #1-76/80, #2-78/80, #3-79/80 #4, 77/80. CHECKED MAGNETO TIMING. I CERTIFY THAT THIS ENGINE HAS BEEN		
			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		

FRIDAY 100

02-15-02

TACH: 2158.77 TT: 3516.2 TSFOH: 0.00

Engine, Model O-360-A1A, S/N L-23861-36 (Factory Overhauled) installed in Piper PA24-140 (M). Engine installed with new engine mounts, fuel, oil and MAP hoses, all new SCAT ducts. Oil cooler overhauled, propeller overhauled. Engine serviced with straight mineral oil for break-in.

William L. Mallory
A&P1510862

Serial No.

Signature

License
Number

The Endorsement of a his Rating and e Shown.

ENGINE LOG

Serial No.

Signature

License
Number

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

2002

Time	
Hrs	Min

REPAIRS - ADJUSTMENTS - SERVICE - REMITTANCE

TACH: 2189.00	CHANGED OIL (8 QTS)
100 - STRAIGHT MINERAL OIL	(1)

Aerosol

W. Nalley
AP 1518862

08-17-2002

TACH: 2222.8 TSMCH: 64.1.
COMP: #1 79/80, #2 79/80, #3 79/80, #4 79/80.
CHANGED OIL (8 ALLOSHELL MINERAL OIL).
CLEANED AND BAPPED FLOWS → OVER

OVER

Page Total

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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.**

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:

Serial #:

Total Time:

Work Order #:

Date Completed:

O-360-A1A

L-23861-36A

3516.2

GJ165726

10/31/01

Authorized Signature

Textron Lycoming

652 Oliver Street

Williamsport, PA 17701

Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date
Type	Model	Serial No.
Rated H.P.	Max. H.P.	Weight (Dry)
Rated R.P.M.	Max. R.P.M.	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller	Hub Design	Hub Serial No.
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

TEXTRON Lycoming

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

ENGINE SERIAL NUMBER L 23861 36A

IN SERVICE DATE 021502 ENG. T.T. 3516

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING MAKE 8/17/2002 19 TO 5/20/2013 19
FROM 8/17/2002 19 TO 5/20/2013 19
DETAILING TIME FROM 0 HOURS TO 956.35 HOURS
October 1994

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SSP 1872-1