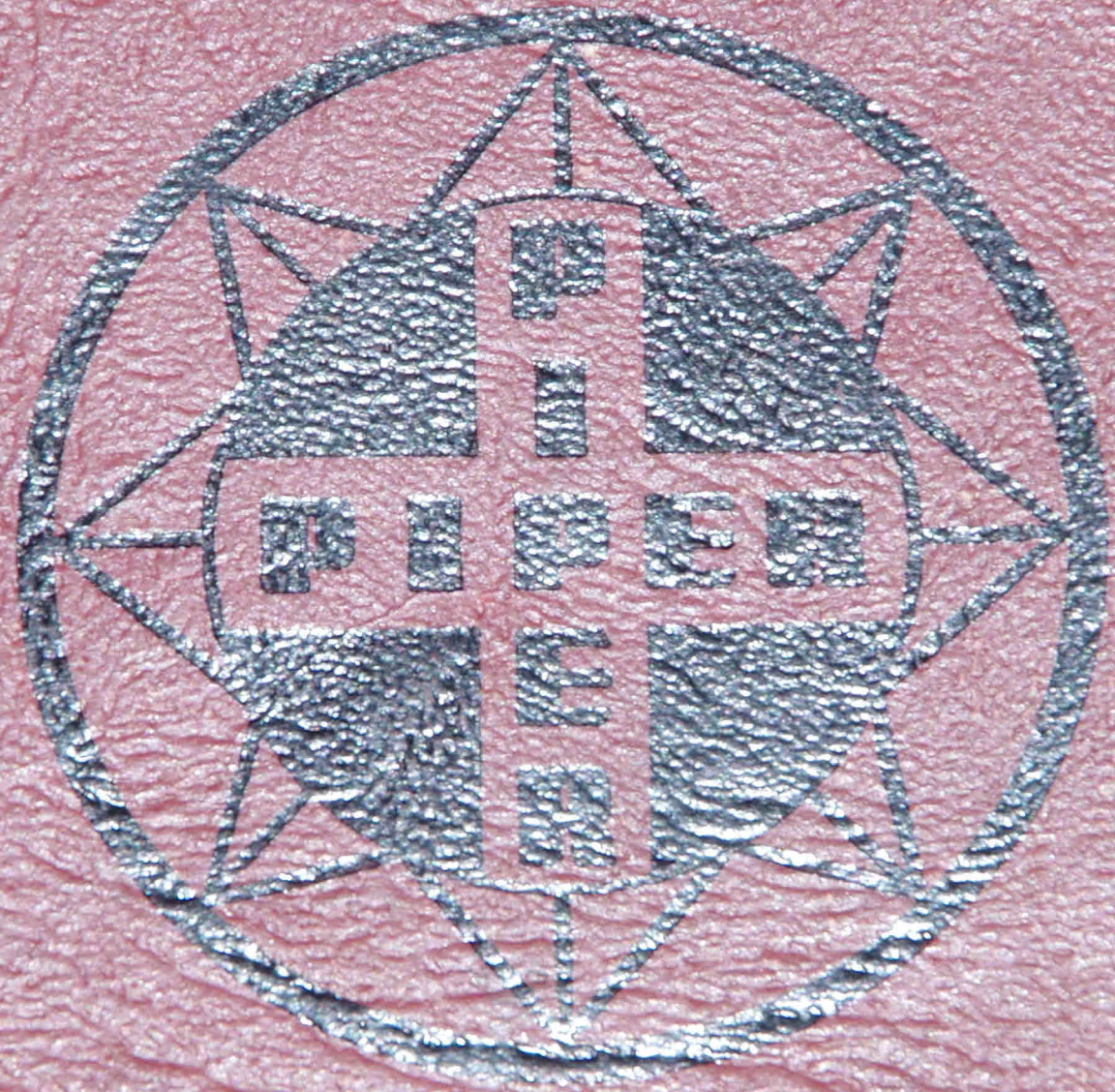


# ENGINE LOG

N4EJ



PIPER AIRCRAFT CORP., 1111 W. MAIN ST., WILSON, N.C.

FRAM AIR FILTER

PN 6132

Starter Lye

31A22104

Skytech 149-12LS

SN FZL 420243

600

## Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

## ENGINE LOG

N 8112W.....  
License No.

MANUFACTURER { Name Lycorning.....  
 Address Williamsport Penna.....

Model D-360-ABA..... H. P. 180..... Serial No. 4-7835-36A

Stroke 3.875..... Manifold Pressure { Normal .....  
 Bore 5.125..... { Maximum .....

R.P.M. { Normal 2700..... B.H.P. { Normal .....  
 { Maximum 2700..... { Maximum .....

Gear Reduction Ratio ..... Rotation of Propeller .....

Certified Correct ..... Date .....

OWNER..... { Name .....  
 { Address .....

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	.....	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day								
<b>TOTAL TIME</b>									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

5/17/65 Replaced #2 Exhaust stack  
 all exhaust gaskets & #4 Packings  
 Conns gaskets. Fabron 4. Hillen ATP/427922

June 23/1965 TT 101.54 Engine oil  
 changed oil ~~filter~~ screen cleaned.  
 Spark plugs cleaned & re gaped Carb  
 Churn & air filter cleaned I certify this  
 aircraft has been inspected in accordance  
 with 100 hr. inspections and is in  
 airworthy condition R. McCormick  
 ATP 1622701

**NOTICE:—**Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year .....	.....			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
<b>TOTAL TIME</b>									

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# ENGINE LOG

REMARKS

SIGNATURE

July 16, 1965 TT 142.21 ENGINE OIL  
 CHANGED Aeroshell 50 W R. M. McCormick  
 A & P 1622701

Aug 18, 1965 TT 199.71 Spark plugs  
 clean and re gapped Mag timing checked.  
 Oil screen checked, blow proof exh  
 gaskets installed, service Bulletin 342B  
 (exhaust sys) complied with. Carb. bowl  
 elect fuel pump and main sump drained.  
 I certify this engine has been inspected  
 in accordance with 100 hr inspection  
 and is in airworthy condition  
 A & P 1622701 R. M. McCormick

**NOTICE:—**Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

NC .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
65									
8	6								
<b>TOTAL TIME</b>									

**NOTICE:**—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.



# ENGINE LOG

REMARKS

SIGNATURE

OIL CHANGED AT 179  
 DUE AT 204 SHELL 50 W  
 BATTERY O.K.

*Steve Clust*

Nov 8, 1965 TT 311.0 Spark plugs replaced  
 Mag timing checked points checked  
 Exhaust muffler removed and inspected (342B)  
 Oil screen clean Carb bowl draining all  
 sumps, checked carb air filter checked &  
 cleaned - I certify this engine has been  
 inspected in accordance with 100  
 hr inspection and found to be in an  
 airworthy condition AQP 1622701  
 R. McCormick

**NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.**

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	..... Mo. Day	Ground	Air						
<b>TOTAL TIME</b>									

**NOTICE:**—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

5-18-66 T.T. 510 Changed oil, Cleaned screens  
 Cleaned & checked spark plugs. Welded bracket  
 on #4 Exh pipe Repladed Cabin heater hose  
 I certify this Engine has been inspected  
 1/A/W a 100 hr inspection and is determined  
 to be in an Airworthy Condition  
 P. E. Thompson A&P # 1184540

Aug. 9, 1966 T.T. 605  
 4 spark Plugs replaced, rest cleaned check & regaped  
 Screens check, clean, No. 2 cyl. Ext. Gasket replaced  
 Carb. Heat Shroods repaired Eng. wash  
 I certify this engine has been inspected 1/A/W  
 a 100 hr. inspection and was determined to  
 be in an airworthy condition  
 M. Kerylo A&P # 1591980

**NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.**

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year Mo.	Day	Ground	Air						
67	10	T.T. 747		Cleaned & regapped plugs cleaned Oil & fuel screens, repaired fuel leak at carb. Welded brackets on #2 & #4 Exh pipes replaced #2 & #4 Exh gaskets I certify this engine has been inspected I/A/W a 100 hr inspection and is determined to be in an Airworthy Condition R. E. Thompson A & P # 1184540 all AD NOTES THRU 67-3 complied with R. E. T.					
67	11-3	T.T. 867		cleaned & checked plugs cleaned Oil & fuel screens, Welded fuel. inh muffler repaired carb heat muff, I certify this engine has been inspected I/A/W a 100 hr inspection and was determined to be in an Airworthy Condition R. E. Thompson A & P # 1184540					
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

2-22-68 TACH TIME 888:00

ENGINE INSPECTED IN ACCORDANCE WITH A PERIODIC INSPECTION.  
 #3 CYLINDER REMOVED - INSTALLED NEW EXHAUST VALVE 71595 - NEW  
 RINGS 2-74241 - 1-73857. REFACED INTAKE VALVE + GROUND SEATS.  
 INSTALLED 8-REM.38E SPARK PLUGS. CHANGED OIL WITH SHELL 30 W.D.  
 CLEANED OIL + FUEL SCREENS. REMOVED BOTH MAGNETOS - RIGHT  
 MAGNETO - REPACKED BEARINGS RETIMED + INSTALLED LEFT MAGNETO  
 INSTALLED NEW BREAKER - COIL - OIL SEAL - SLINGER - RETIMED + INSTALLED  
 ON ENGINE. A/C GROUND RUN + TEST FLOWN O.K.

*A. J. Remman*

IA 149189

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
<b>TOTAL TIME</b>									

**NOTICE:—**Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

2-25-69 TACH TIME 1036:00

Changed oil with Amosell 30w - cleaned screen.  
Cleaned & gapped spark plugs. Checked Compression  
& timing. Replaced two Exhaust Gaskets. Replaced  
push rod seals on #2 cyl.  
See Piper Inspection sheet this date.

I certify that this Engine has been inspected in  
accordance with a 100 Hour inspection and was  
determined to be in airworthy condition.

John Rhoads AP 1814526

W.O. #

Remmers-Tomkins Flight Serv. Inc.  
Burlington, Iowa

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
10	13	69		TT						
Ground valves & installed new exhaust valve on #1 cyl										
cleaned Plugs install new lead bottom #1 cyl										
Installed new mufflers + Carb Heat manifold										
+ Duct. - "and"										
I certify this engine has been inspected										
in accordance with a 100 hr. inspection										
and was found to be in an airworthy										
condition Robert Johnson ATP 1941565										
<b>TOTAL TIME</b>										

**NOTICE:—**Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.





ENGINE LOG

REMARKS

SIGNATURE

4-22-70 TT 1294 Changed oil from shell 50w. Det  
cleaned oil screen cleaned valves compression  
Checked O.H. Replaced #2 Exhaust Valve Replaced  
#4 Primer Line. Installed new oil dipstick tube

Date 4-22-70 Time TT 1294

I certify this Engine has been inspected  
in accordance with a 100 Hour inspection  
and was determined in an airworthy condition.

I certify that this Engine  
has been inspected in accordance  
with a Annual inspection  
and was determined to be in air-  
worthy condition.

Robert V. Johnson A & P 1941567  
Robert V. Johnson 1941567

Eugene W. Ferrel  
EUGENE W. FERREL  
IA: 1507923  
Annual Completed 4-24-70

Engine Serial **4-7835-36A**

NC .....

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
85		9 20								
<p>this engine assembled per Type 004 Manual            Engine Balanced by Carl Fleet 1440 So Perian  <del>at</del> Tulsa OK. 74405            Cyls OK by Aircraft Engine Specialists            Piston Rods are attached work order.            Conrod and Part #74166 and Jappet Bolts            Part #72807 Reconditioned by Aircraft Engine            &amp; accessory Cyls. Ballast test.            Crankshaft ground to .003 Rebuilt &amp; Manifold            by Redmont Aviation One. Winstan - Salem NC.</p>										
<p>This engine certified for Experimental Aircraft only</p>										
<p>Ray B. Helm ADP 1258020</p>										
<b>TOTAL TIME</b>										

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

9.20.85

The following new parts installed

8-274644 Rod Balls	4-LW11021-MO3 BEARMC
8-SL12186 Nuts	8-LW13521-MO3 "
1-68757 2 hopt	3 LW13884-MO3 "
1-STD1199 PIN	8-60828 PISTON PLUG
4-STD1791 Bolt	4-73857 P20 RING
1 STD 847 "	8-74989 P20 "
4-STD 2180 knee	4-75089 P20 PISTON
1 STD-208 SEAL	4-69650 PISTON PINS
4-69603 knee	1-75439-1 Gasket set

**NOTICE:**—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		R. P. M.	Total Time	
Year	Mo. Day		Hrs.	Min.

9 20

After propeller suffered strike engine disassembled, Crank case inspected, found serviceable, Crank shaft inspected, minor damage on Thrust Flange ground out, shaft re nitrided, plated returned airworthy, engine reassembled with new rod bolts, gaskets & seals engine test run for 10 min. oil press - ect. Normal

Regan J White

3	9/9	oil & Filter change	10.7	Aero Shell	15/50	REGW
10	9/17	oil & Filter changed	69.9 hr	Aero Shell	15/50	REGW
4	2/92	condition inspection	Filter 86.7 hr	all cylinders test	8081	REGW
6	3/92	changed oil	Aero Shell	15-50	Hobbs (21.0)	
12	21	changed oil Filter	Aero Shell	Tightened ALT bolts	Hobbs 70.6	
TOTAL TIME		inspected Exhaust system & all undercool systems				REGW

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

NC .....

Date		R. P. M.	Ground	Total Time	Min.
Year	Mo. Day				
1990	9 20				
<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     Installed in N4EJ Dec 1990                 </div>					
			After		
Disassembled, Crank case inspected, found serviceable, Crank shaft inspected, minor damage on Thrust Flange ground out, shaft re nitetried, plated returned, airworthy, engine reassembled with new rod bolts, gaskets & seals. engine test run for 10 min. oil press - ect. Normal					
Pages 2 & White					
3	9/9		oil & Filter change	10.7	Aero Shell 15/50 RW
10	3/1/92		oil & Filter changed	64.9 hr	Aero Shell 15/50 RW
4	2/92		condition inspection, filter 86.7 hr		all cylinders test 80/81 RW
6	3/92		changed oil	Aero Shell 15-50	Hobbs (21.0)
12	21		changed oil Filter Aero Shell, Tightened ALT bolts	Hobb 70.6	
TOTAL TIME inspected Exhaust system & all Under Cool systems					RW

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

8 23

7 11

11/7/92

3/4/9

NOTICE

# ENGINE LOG

	REMARKS	SIGNATURE
10/5/93	Changed Oil-Filter, AeroShell 15/50	Rogers White
8 23 94	156.5 hr Changed Oil, Oil Filter, Fuel Filter. Inspected exhaust system Fuel system, all parts for security.	Rogers White
7 11 95	205.9 Changed oil & Filter Aero Shell 15-50, inspected exhaust system, Repaired Heat Shield & ex pipe supports, checked compression 80/80 on all cylinders. Lubed & inspected Prop.	Rogers White
11/7/76	248.4 changed oil & filter Aero Shell 15/50 (compression cold) 1.78, 2.79, 3.77, 4.79 Lube & inspected prop	Rogers White
3/4/97	Ellison carburetor, factory overhauled & reinstalled	Rogers White

**NOTICE:**—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
<b>TOTAL TIME</b>										

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

VI  
Pho  
Fax  
ON  
OIL  
,RE  
INS  
TIM  
CO



# ENGINE LOG

REMARKS

SIGNATURE

**VICTOR AVIATION**

2115 N. Sheridan Rd  
Hanger # 4  
Tulsa, OK 74115  
USA

Phone 918-834-1090  
Fax 918-834-6473

ON THIS DAY OF DECEMBER 1 1997 I PERFORMED A CONDITION INSPECTION ON N4EJ . CHANGE OIL AND FILTER ADD EIGHT QTS SHELL 15/50. REPLACE TWO MAIN TIRES . REPLACE BRAKE PADS ,REPLACE FUEL FILTER REPACK WHEEL BEARINGS SEVICE BATTERY ,SERVICE BRAKE FLUID, INSPECT ,ACCESSORIES FOR TIGHTNESS . PERFORM COMPRESSION TEST . ALL CYL. ABOVE 70 . TIME MAG S TO 25 BTDC. CHECK AIRFRAME. I FIND N4EJ [GA-20] TO BE IN AIRWORTHY CONDITION AND RETUNE BACK INTO SERVICE . TACH TIME 328.7

SIGNED

*Victor Mello* AG  
55-3159037

NOTICE:—making false entries in this book is a violation of the Civil Aeronautics Act of 1958, punishable by Civil Penalty.

# VICTOR AVIATION

2715 N SHERIDAN RD  
HANGER 4  
TULSA OKLAHOMA 74115  
USA

Phone 918-834-1090

Fax 918-834-6473

ON THIS DAY OF JANUARY 5 1999 I PERFORMED A CONDITION INSPECTION ON N4EJ  
(GLASAIR FT) .REMOVE ENGINE COWL CLEANED AND INSPECT. CHANGE OIL AND OIL FILTER  
ADD 8 QTS SHELL X-100 REPLACE AIR AND FUEL FILTERS. CLEANED ,GAPED, AND TESTED SPARK  
PLUGS, TIME MAGS TO 25 DEG BTDC. PERFORM COMPRESSION TEST ALL CYL. ABOVE 75.  
REPLACE BRAKE PADS ,PACK WHEEL BEARINGS REPLACE BATTERY, REPLACE ELT BATTERIES,  
SERVICE BRAKE FLUID. INSPECT ACCESSORIES FOR TIGHTNESS  
REMOVE NOSE GEAR FOR REPAIR , REINSTALL NOSE GEAR. INSPECT AIRFRAME, I FIND N4EJ  
(GA20) TO BE AIR WORTHY, TACH TIME 426.8

SIGNED

*Victor Miller*

A/P.

55359037

# ENGINE LOG

REMARKS

SIGNATURE

Tach?

CHANGE OIL FILTER Hours Time 640.2

8 QTS SAE W80 11-15-99 535-789003

12-22-99 Tach 26.6 Hours 670.3 Change oil removal  
oil filter & replaced. Serviced engine with 8QT  
Aeroshell 15W-50 oil. ran engine check for leaks ok.  
Metal r. Womer ADP520847352

1-14-2000 Tach 39.8 I certify that this engine has been  
inspected in accordance with the scope and detail of FAR  
part 43 Appendix "D" and found to be in an airworthy condition.  
Replaced both points in mag, installed new SCAT induction.  
comp ch cyl #1=79, #2=80, #3=79, #4=80. ran engine check  
for leaks. Metal r. Womer ADP520847352

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
3-14-00		TACH =	75.5						
		Tiffin AEP58733001		change oil with 8qts - Aeroshell 15-50 oil. change oil filter with New CH-48103 cut open & visual insp. of filter ok. Wash Engine Run Engine and check for leaks ok.					
<hr/>									
5-18-00		TACH =	116.3						
		Tiffin AEP58733001		change oil with 8qts Aeroshell 15-50 change oil filter with New CH-48103. Replace throttle Body Unit furnished by owner S/N = 1440 Ellison Fluid Systems - EFS-4. Removed old S/N 1145 - Run Engine ops check ok - flight test ok -					
<hr/>									
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

N4EJ  
TACH: 178.4

7-18-00

change oil with 8 qts Aero shell 15W-50  
oil change oil filter with New CA-48103  
filter wash engine run engine & check for  
leaks. ok *Z. J. J. J.* AC 352973201

SIGNATURE



# ENGINE LOG

REMARKS

SIGNATURE

TT

TS Major Repair

1-3-01 Tach=320.1 ~~Hobbs~~ #949.2 TSMOH(?) = ~~1135.7~~ 949.2

I Certify That I Have Inspected This Engine I/A/W 100 Hour Inspection And Determined It To Be Airworthy.

Comp Cks #1=80 #2=80 #3=80 #4=80

Drained Oil/R&R

Oil Filter And Serviced Engine With

7Qts AeroShell

15W50 Oil. Repaired Induction Air Box.

Edw. Q. Rowwood

IA1986819

2/21/01 REMOVED LEFT MAGNET FOR REPAIR, REPLACE TIMING GEAR WITH NEW 10-357584 AND RE-ASSEMBLE. INSTALLED MAG. & TIME TO ENGINE, RUN-UP NORMAL.

*[Signature]* 362404768IA

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year .....	.....			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
<b>TOTAL TIME</b>									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.



ENGINE LOG

REMARKS

SIGNATURE

<sup>Hobby</sup>  
6/5/01 TACH: 1044.4 DRAINED & REPAVED oil & FILTER  
USING 8 QTs AERO SHELL 15W50 AND 48.03 FILTER  
RUN-UP NO LEAKS NOTED *[Signature]* 312409788

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial .....

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year	Mo. Day		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
01	7 23	TACH: 446.4						
		8 QTB AeroShell 15W50 WASHED COOL				4810.3		
								362404768TA
	8/3/01	R&R CRANKSHAFT SEAL						
		RUN-UP NORMAL						
								362404768TA
	2-12-02	Tach 362.8 C/W 100 hr						
		Comp Ck #1=80 #2=80 #3=80 #4=80						
		Oil changed Oil Filter And Serviced Engine with 8QTB AeroShell 15W50 Oil.						
								JM1986819
TOTAL TIME								

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

5-2-02 Tach 597.7 Drained Oil / Changed Oil Filter And Serviced Engine With 8 Qts of AeroShell 15W50 Oil. Oil Filter Cut Open To Check For Metal. Engine Ran To Check For Leaks. Dan D. Norwood IA1986819

6-7-02 Tach 619.5 Drained Oil / Changed Oil Filter And Serviced Engine With 8 Qts AeroShell Oil. Oil Filter Opened To Check For Metal. Dan D. Norwood IA1986819

7-19-02 Tach 669.5 Drained Oil / Changed Oil Filter And Serviced Engine With 8 Qts AeroShell 15W50 Oil. Filter Cut Open To Check For Metal. Eng Ran To Check For Leaks. Dan D. Norwood IA1986819

9-10-02 Tach 719.5 Drained Oil / Changed Oil Filter And Serviced Engine With 8 Qts AeroShell 15W50 Oil. Oil Filter Cut Open To Check For Metal. Dan D. Norwood IA1986819

**NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.**

Engine Serial .....

NC .....

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
11-20-02			Tach 733.3							
			Drained Oil / Changed Oil Filter And Serviced Engine with 8 Qts of AeroShell 15W50 Oil. Oil Filter cut open to check for metal. Eng ran to check for leaks Dan D. Nowood IIA 1986819							
1-17-03			Tach 749.4							
			Drained Oil / Changed Oil Filter And Serviced Engine with 8 Qts AeroShell 15W50 Oil. Installed 8 New Champion REM 37BY Spark Plugs. Installed New Points In Both Magns. Compression Check #1=80 #2=80 #3=80 #4=80. I Certify That I Have Inspected This Engine I/A/w An Annual/Conformity Inspection. Dan D. Nowood IIA 1986819							
<b>TOTAL TIME</b>										

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

# ENGINE LOG

REMARKS

SIGNATURE

2/20/03 TACH: 751.0 REMOVED AND REPLACED PROP  
GOVERNER WITH ~~RE~~ O/H UNIT SER.#  
RUN-UP NORMAL *[Signature]* 362404768 IA

8-5-03 Tach 790.5 Installed New Engine Mounts.  
Installed & Repaired Oil Temp Gage. Adjusted  
Max RPM To 2700 RPM. *[Signature]* IA 1986819

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
2004									
1/19/04		Tach: 794.7		C/w a 100 HR. Insp. @ this time. All work performed using S.M. & AC. 43.13/18+2A					
		TSMOH: 1221.5		All cyl. 80/80. Drained oil, R&R oil filter. Cut filter open. No metal found. Added 8 qts of 15W/50 AeroShell oil. Cleaned, gapped, rotated & reinstalled all spark plugs. Magneto to engine timing checked. Cleaned fuel inlet & filter screen. Ground-Run engine, no leaks. All engine parameters normal. Engine R.T.S. Patrick T. Ad's checked thru bi-weekly. <span style="float: right;">Arnold At Piss 70857</span>					
3/15/04				Removed & replaced Ellison Fuel Systems EFS-4 throttle body fuel injector following overhaul by Ellison Fuel Systems (Unit 1211440) <span style="float: right;">Arnold At Piss</span>					
<b>TOTAL TIME</b>									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

FOR TT ADD 640.2

ENGINE LOG

TO TACH

REMARKS

SIGNATURE

5/29/04 TACH 815.2

Removed Ellison EFS-4 SN 1440 & reinstalled original SN 1145. Installed ss screen in air intake chamber to eliminate turbulence & smooth air flow into throttle body injector. Installed Brackett Air filter & screens, replacing Napa air filter. New induction scat tubing installed.

Changed oil & filter, Champion # CH48103, adding 8 qts of Aeroshell 100-50wt oil

Ran & checked for leaks - OK Jay, owner

5/30/04 Compression checks completed, as follows:

816.1 1) 79/80 2) 78/80 3) 78/80 4) 79/80  
HOURS (TACH)

8/12/04 Removed & replaced Hobbs meter with "0" time  
Tach reading 822.3 Total time 1462.5

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Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
2	10	05	TACH 839	9	(ENGINE TOTAL TIME <del>1480.1</del> )		25 2780.1 (TSOH)		1480.1	
CHANGED OIL & FILTER PUT OPEN FILTER, NOTHING FOUND. REFILLED WITH AEROSHELL 15/50 LEAK CHECKED O.K.										
REMOVED LEFT MAG & RE-INSTALLED & TUNED TO ENGINE AFTER REPAIR & <sup>500HR</sup> AD COMPLIANCE OF AD 94-1-3 R2, AD 82-20-1 AND AD 96-12-07 BY AIRCRAFT ELECT. COMPONENTS RS# 7HR883J, W.O. # 26282 DATED 1-25-05. REPLACED BRACKET AIR FILTER WITH NEW. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION.										
YELLY N. LAURE A & P 2055708										
3	23	05	TACH 8402	Removed &	Reinstalled Right Mag & tuned to engine					
a Ptn overhaul by AC Electrical Components. See w/o for details of OH & AD/SB Compliance.										

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# ENGINE LOG

REMARKS

SIGNATURE

12/9/05 - Tach 864.5 HRS - Changed oil. Serviced with Aeroshell 15/50. Leak checked, OK  
 - R & R Voltage Regulator with NAPA PN=AL-167. Voltage checked at VDC

3-16-06 Tach 0865.4 (Engine Total Time EST 2805.6)  
 TSOH 1505.6 Comp. TEST #1/78/80 #2 79/80 #3 79/80 #4 29/80  
 Only oil FILTER CHANGED Cut open FILTER NO DEFECTS  
 Found Run-up Leak checked OK. Cleaned, gapped, tested and rotated spark plugs. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION.  
 Lesli N Louse AEP 2055708

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Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
7	Aug	06								
<p>876.5 hrs tach  leaned out idle mixture to allow smooth  Engine operation on ground - Idle mixture ok  Dan Gilbert AP 3045130</p>										



Great Planes Aviation, 47010 Great Planes Place  
Tea. SD 57064, (605) 368-2841

04/13/07 N4EJ Engine Logbook Entry

Hobbs 900.8 AFTT 1541.0 ETT 2,841.0 SMOH 1,541.0

Checked compression 80/80/80/79, cleaned and rotated plugs, adjusted alternator belt, repaired tail pipe, removed and inspected filter - no discrepancies noted, installed new filter and safetied, de-greased engine. I certify that this engine has been inspected on 04/13/07 in accordance with the scope and detail of appendix D to part 43 and found to be in a condition for safe operation.

Dan Gilbert A&P3045130

*Dan Gilbert*

TOTAL TIME

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DATE

SIGNATURE

N4EJ Engine log entry, (SN L-7835-36A) 29 August '08

0930.8 Tach time, 1571 estimated TTA and SMOH, 2865 estimated TTE  
Inspected P-leads, intake system, and carb. Hi-Voltage tested all plug wires. Cleaned, tested and rotated sparkplugs. Checked magneto timing. Compression check results are all 79/80. Changed oil filter and inspected filter media and suction screen. Pulled rocker covers and inspected valve train. Reamed all valve guides to spec. Checked dry lifter clearance of all valves. All clearances within spec. (.028"-.080"). Reinstalled rocker covers with new gaskets. Installed a new "Custom Aircraft" exhaust system PN 33911.

I certify that this engine has been inspected in accordance with the scope and detail of FAR 43 app. D and is found to be in a safe condition for operation at this time.

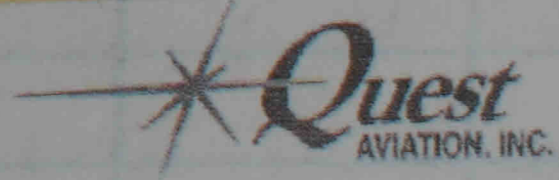
Details on file at Quest Aviation under work order #5508  
Dan Gilbert, A&P 3045130, for Quest Aviation in Tea SD

*Dan Gilbert*

Engine Serial .....

N C .....

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.



**N4EJ Engine log 934.5 Tach 1574.5 Est. SMOH 2868.7 Est. TTE 9-1-2011**

- AD 2009-26-12 is N/A due to no ECI engine cylinders installed.
- Installed new Brackett BA-5710 air filter, cut to fit.
- Replaced several Aeroduct hoses in engine compartment.
- Compression check, 1-78, 2-79, 3-78, and 4-78.
- Changed engine oil, added 8 quarts Aeroshell 15W50. Installed new CH48103-1 filter. Old filter checked for contamination, none found. Leak checked engine after run up:
- Checked fuel gascolator, no contamination found.
- Reinstalled Ellison throttle body EFS-4, p/n 820720, s/n 1145 after overhaul by Ellison Fluid Systems, on 8-11-2011. Installed and adjusted in accordance with Ellison installation instructions.

I certify that this engine has been inspected on 9-1-2011 in accordance with the scope and detail of FAR Part 43, Appendix D and found to be in a condition for safe operation. Details are on file at Quest Aviation under Work Order # 404 and 425.  
 Kurt Anderson A&P3158937IA for Quest Aviation, Tea SD. *Kurt Anderson*

**TOTAL TIME**

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# ENGINE LOG

REMARKS

SIGNATURE

30 March 2013 Tach 935.2 SmaH 1575.2 E<sub>3</sub>TT 2869.4  
 Compressions, 1-78; 2-78; 3-(15) 4-79, Replaced #3 cyl from  
 Gibson Aviation PN 12427 New Piston Rings, pin plugs & Gaskets.  
 Added 6qts Shell 100 mineral oil. Checked Exhaust Induction  
 mounts, Controls Ground Run engine. 3X A/K Normal. I Certify  
 that this engine has been inspected in accordance with FAR 43-D  
 and found to be in condition for safe operation  
 YH Chip AIP 5666566

DATE: 5-27-2013      A.C.T.T.: <sup>Tach</sup> 940.6      TSO: 1580.6      TSN: 28174.8

Replaced Champion spark plugs with new Tempest pn UREM38E. Removed Ellison EFS-4  
 throttle body and sent out for repair by Ellison, Reinstalled and operational check.  
 Ralph Croft A&P3695170IA *Ralph Croft*

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NC ..... N.Y. E.J. ....

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year Mo.	Day		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
<del>3/12/2015</del>		<del>TACH</del>	<del>95</del>	<del>15</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
		<del>CO-104</del>						

TOTAL TIME

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# ENGINE LOG

REMARKS

SIGNATURE

3/12/2015 TACH 9466 TSO 1591.8 T3 10 28860  
 Compression 1- 7180 - 2- 73180 - 3- 7480 - 4- 7780  
 Replace oil filter with AA 48-103-2 check oil filter  
 for contamination none found Fill oil with MC SAF 20W50  
 got did a row up check for leak OK, checked fuel gas  
 for contamination none found, replace plug wires  
 with ACS 12301-22, replace 2<sup>nd</sup> CRAT hose

This engine has been inspected IAW the scope  
 and detail of FAR 43 Appendix P and found to be in  
 a condition for safe operation at this time.

James Benton A/P 3664552  
