Book 1

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181
800-258-3279

ENGINE LOG
AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING (MAKE) O-360-A4A (MODEL) RL-29834-36A (SERIAL)

FROM January 29 19 97 TO _____ 19 ____

DETAILING TIME FROM 4680 (0 SMOH) (HOURS) TO _____ (HOURS)

SSP 1872-1 **October 1994**

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

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

ENGINE SERIAL NUMBER RL29834-36A

IN SERVICE DATE 02∅197 **ENG. T.T.** 4680

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

TLRED-489
(Rev. 3-93)

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

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

Engine Model: O-360-A4A
Serial #: RL-29834-36A
Total Time: 4680.
Work Order #: GJ1212951
Date Completed: 12-28-96

Authorized Signature Charles B. Mitchell
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date 1/29/97
Type	Model O-360-A4A	Serial No. RL 29834-36A
Rated H.P. 180	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 76 EM 855-0-62	Hub Design	Hub Serial No.
Blade Design	Blade Serial No. 29504K	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

ENGINE LOG

TAC

Serial No. RL 29834-36A

Date 97	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-29	4935	42	Installed this Engine in Cherokee 44584. Engine is "0" SMOH. Work was accomplished by Lycoming. Prior to Installation Engine mount was cleaned checked and painted. Installed New Engine mounts S/N 94011-20. Engine Mounted with new cont		
			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 97	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-29	4735.	42	Engine mount Bolts + Nuts. Installed New 211CC Vacuum pump. Carb was overhauled + furnished with engine Starter is New Bosh Mag Neu, Spark plugs new wiring harness New- mechanical fuel pump New. entire Exhaust system was Ov-		
			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 97	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-29	4935	.42	tified by aircraft Exhaust System (see yellow) tag) Correction: One muffler (Rear) was Not certified because total time Since New was 174.65. Installed new electric boost pump & a New Starter Solenoid. Engine Compression in order & over 80. cont		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-29-97	4835	40	#1- 75 - #2- 76, #3- 72 + #4- 75 Engine test as per Lycoming Instruction the requried grd time. Filter was removed & checked for contamination & None was found. Mag Timing was checked + Carb Mixture Was Checked. all New Hoses were placed on the engine. CONT		
			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 97	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1-29	483	5.42	Hoses were made by AVSCO I certify this engine has been Inspected in accordance with an Annual Inspection & found airworthy thes tac time + Date RDSmith IA2228094		
1-29-97			Engine was started and ground tested IAW Service Instruction 1427B. for 15 minutes engine operated at 1000 or 1200 RPM. Magneto dropoff was checked IAW Service Instruction 1132. Oil temp and pressure		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			was normal. Engine was shut down and allowed to cool		
			Restarted and run for 5 minutes at 1500 RPM, and		
			increased to 2200 RPM for 10 seconds, allowed to cool		
			before shutdown. Checked engine for leaks - none		
			found. Oil filter was cut and checked for contam-		
			inants - none found.		
2/1/97			Engine was started and run for 5 minutes at 1000		
			and 1200 RPM, then shut down and checked for oil		
			leaks - none found.		
2/1/97			Engine was started and normal preflight runup		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			performed. Aircraft cruised at 75% power (2550 RPM)		
			for 1 hour at 5000 ft. Alternate power settings		
			of 75% and 65% (2380 RPM) for 15 minutes each		
			were used for the second hour.		
2/2/97			Aircraft was operated for 1½ hours at alternate		
			power settings of 65 and 75% - Oil was changed		
			at 4739.25 hours after 3.83 hours operation.		
			Filter was cut and checked for contamination -		
			none found. No oil leaks were found. Pilot #4036000894		
			Break-in complete. Roger Allgaier OWNER		

			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. _____

1997 Date	TACH Time Hrs	TACH Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
5-6	4764.	01	CHANGED OIL WITH 8 QTS AEROSHELL 50 WT MINERAL OIL. REPLACED FILTER WITH CH48110. CUT FILTER		
SMOH=	28.	59	& FOUND NO CONTAMINANTS. CLEANED ENGINE & TEST RUN - NO LEAKS. R Dale Smith A+P2228094		
7-21	4792.	43	CHANGED OIL WITH 8QTS AEROSHELL 50 WT MINERAL OIL. REPLACED FILTER WITH CH48110. CUT FILTER		
SMOH=	57.	01	FOUND NO CONTAMINANTS. CLEANED ENGINE & TEST RUN - NO LEAKS. R Dale Smith A+P2228094		
			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. _____

1997 Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
9-5	4829.	69	CHANGED OIL WITH 8 QTS ~~TERO~~SHELL 50WT OIL.		
			REPLACED FILTER WITH CH48110. FOUND NO CON-		
SMOH=	94	27	TAMINANTS. CLEANED ENGINE. TEST RUN. NO		
			LEAKS. R Dale Smith	A+P 2228094	
1998	TAC				
26 Feb	4811	26	Annual Inspection C/W this tac time and date		
5 MOH	135	98	Compression as follows over 80. #1- 75		
			#2- 79 #3- 78 & #4- 79. Changed oil		
			and checked filter. No metal found.		
			"continued"		

			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

1998 TAC

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
26 Feb	4871	26	Replaced oil with 8 quarts Aeroshell		
SMOH	135	84	50 wt and filter with CH48110		
			Checked mag timing. Checked spark plugs.		
			AD 98-02-08 DNA because of 50i.O		
			CRANKSHAFT (overhauled AT Lycoming And		
			confirmed by same) Checked all controls		
			Stop to stop. Cleaned engine and test run		
			Repaired necessary baffling & replaced		
			NO #3 Rocker box cover.		
			END		

I CERTIFY THAT THIS AIRCRAFT-ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL-100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE. 99 DATE 26 Feb TIME IN SERVICE SMOH 135.84 NAME R D Smith

2228094

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.

1998

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
5-29	4901	.23	SMOH = 165.81 CHANGED OIL & FILTER WITH 8 QTS AEROSHELL 50 WT & CH48110. FILTER CUT & CK'D FOR CONTAMINANTS. NONE FOUND. CLEANED ENGINE & TEST RUN - NO LEAKS. Roger Dale Smith		A+P 2228094
7-22-98	4915		Replaced Engine Oil Filter - Disassembled and internally inspected checked OK - Removed Oil For Oil Analysis - Ran Compression Check Ok- Scott Roger		A+P 2242848
			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		

Date	Time Hrs	Time Min	
8/6/98	4924	37	SP
9-1-98	4945.04		BI
			Total to Date

Airport Complex
P. O. Box 273
Fort Deposit, Alabama 36032 USA
334/227-8306
FAX 334-227-8596

ELECTROSYSTEMS, INC.

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration.

Chrysler 365624 807 3135
MFR P/N S/N

DATE INSTALLED: 1 Sept 98
DATE REMOVED:

4945.04
TACH TIME

TACH TIME

OWNER'S NAME: Doug/Karen Ewert

ADDRESS: 1134 Pony Dr
Hope Mills NC 28348

PHONE: 910, 485-4119

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS

Serial No.

License

3. SYSTEM TRACKING REF. NO. 64663

5. Work Order, Contract, or Invoice No: W/O: M447440

CH NO.

35

***

12. STATUS/WORK
OVERHAUL

Certificate Numb

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
8/6/98	4924	37	SMOH = 188.95 Changed oil + Filter. REPLACED WITH 8 QTS AEROSHELL 100W & CH48110 FILTER. FILTER CK'D FOR CONTAMINANTS - NONE FOUND. CLEANED ENGINE & TEST RUN - NO LEAKS. Roger Dale Smith	A+P 2228094	
9-1-98	4945	04	SMOH = 209.62 REMOVED EXISTING ALTERNATOR & REPLACED WITH ELECTROSYSTEMS OVERHAULED UNIT P# 3656624 S#8073135 SEE ATTACHED FORM 8130-3. INSTALLED CAPACITOR ASSEMBLY		
			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.

— CONT —

1998

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
9-1-98	4945	04	SMOH = 209.62 - CONT - P# 63897-006. Roger Dale Smith	A+P 2228094	
10-2	4953.62		SMOH = 218.2 CHANGED OIL WITH 8 QTS AEROSHELL 50 WT OIL & REPLACED FILTER W/ CH48110. CK'D OLD FILTER FOR CONTAMINANTS - NONE FOUND. CLEANED ENGINE - TEST RUN - NO LEAKS. R Dale Smith	A+P 2228094	
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
12/5/98	4982	00	Smoh: 246.6 Changed oil w/8 qts Aeroshell 100/50WT & replaced filter w/CH 48110. Ck'd old filter for contaminants, none found. Cleaned engine - Test run - no leaks	D. Ewert	owner 176-46-5337
2/18/99	5014	33	SMOH: 278.9 Changed oil w/8 qts Aeroshell 100(50wt) & replaced filter w/CH 48110 Ck'd old filter for contaminants; none found. Test run - no leaks Doug Ewert - owner 176-46-5337		
3-11-99	5017	48	279.06 SMOH Annual Inspection Ck'd this tac time and date. Compression as follows over 80. #1-75, #2-78, #3-78 & #4-77 (Cont Next Page)		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
3-11-99	5012	48	Checked mag timing. Cleaned fuel screens & drained carb Bowl. Replaced alternator belt. Cleaned and checked spark plugs. Checked all engine controls stop to stop. Replaced engine baffling fabric material. I certify this engine has been inspected IAW AN Annual Inspection and found airworthy this tac time & date. R Dale Smith IA 2228094. Inspected, cleaned & painted prop checked IAW AN Annual Inspection R D Smith IA 2228094 — END —		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
5-12-99	5080	46	SMOH 315.04 Changed oil w/ 8Qts Aeroshell W100 50WT & replaced filter w/CH 48110. Checked oil filter for contaminants - none found. Test ran - no leaks. Douglas S. Ewart - Owner - 176465337		
7-2-99	5077	65	SMOH 342.23 Changed oil w 8 qts Aeroshell 100 50WT & replaced filter w/CH 48-110 Ck'd oil filter for contaminants - none found. Test run - no leaks Doug Ewart owner 176-46-5337		
8-14-99	5115	20	SMOH 379.78 Changed oil w/8qts AS100W(50WT) & replaced filter w/ CH48110. Ck'd oil filter for contaminants - none found. Test ran. no leaks D. Ewart - owner 176-46-5337		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
10-22-99	5137	.17	SMOH 401.75 Changed oil w/8 qts Texoshell W 100 Plus 50WT + replaced filter w/CH 48-110. Checked Oil Filter for contaminants - none found. Test ran - no leaks. Douglas S. Ewart - Owner - 176465337		
12-29-99	5168	44	SMOH 433.45 Changed oil w/8 qts A/S W100 Plus 50 WT + replaced filter w/CH48-110. Ckd oil filter for contaminants - none found. Test ran - no leaks Douglas S. Ewart - owner - none forcend. 176-96-5337		
12-29-99	5168	44	SMOH 433.45 Replaced left rear (#3) intake tube w/new piper part 70485-85 w/gasket. Replaced rocker cover gaskets. Roger Dale Smith AGP2228094		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
4-20-00	5197	38	SMOH=461.96 ANNUAL INSPECTION CW THIS TACH TIME & DATE, COMPRESSION AS FOLLOWS OVER 80 #1=79 #2=78 #3=75 #4=79. CLEANED & GAPPED SPARK PLUGS. REMOVED BOTH MAGS & CK'D IAW 500 HR INSPECTION PER SLICK SERVICE MANUAL. REPLACED POINTS P# M3081 & GEARS P# M3827 IN BOTH MAGS, REINSTALLED WITH GASKET P# LW12681, TIMED TO ENGINE. CHANGED OIL & FILTER USING AEROSHELL 100W "PLUS" & C#48110 FILTER. CLEANED		

CONT

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. _____

2000 Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
4-20	5197	38	FUEL SCREENS. CHECKED ALL CONTROLS STOP TO		
SMOH	461	96	STOP. REPAIRED MUFFLER SHROUD. ADJUSTED		
			ALTERNATE AIR. INSPECTED ~~ANNUAL~~ PROP		
			IAW AN ANNUAL INSPECTION. CLEANED		
			ENGINE & TEST RUN OK.		

I CERTIFY THAT THIS AIRCRAFT-ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A-AN ANNUAL-100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS TAC TIME AND DATE.

DATE 4-20 2000 TIME IN SERVICE SMOH 461.96

NAME R D Smith IA-AP 2228094

			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. _____

2000 Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
7/20	5235	00	Changed oil w/8 qts Aeroshell W100 PLUS 50WT + replaced filter w/CH48-110. Checked oil filter for		
SMOH	500	00	contaminants - none found. Test ran - no leaks Douglas D. Ewart - owner - 176 465337		
4/1	5273	33	Changed oil w/8 qts A/S W100PLUS 50W + Replaced filter w/CH48-110 checked oil filter for		
SMOH	538	00	contaminants - none found Test ran - no leaks Douglas D. Ewart owner 176465337		
5401	5332	00	AC T.T.		
SMOH	596	67	C/W with ANNUAL INSPECTION. Changed oil 8qts 100 w PLUS Aeroshell oil, Replaced Oil Filter (EACH48110 Cut Filter found no Metal - Removed, Repaired, Reinstall Heat Shroud to Carb. Air Heat + Replaced		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	(over)
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
05-04-01	5332	.00	Hose. Replaced Crankcase to Propellor Seal.	Replaced 4EA REM38E	
SMOH	596.	67	Spark Plugs, Replaced 4EA REM37BY Spark Plugs. Service Bulletin		
			No 549 Does not apply per Ser. No. & Crankshaft. Took Compression		
			#1 76/80, #2 79/80, #3 75/80, #4 79/80 Clean fuel Screens, Replaced		
			Carb. Air Filter P/N BA-3. Visual Check All fluid carring Lines		
			& Hoses, No Leaks noted. Dressed & Painted Propellor torqued		
			& Satisfied. I certify this Engine & Propellor has been inspected		
			i/A/W an Annual Inspection & determined Airworthy this Date		
			& TACH. Time - Standby Vac. Sys. STC SE1779NM installed. per instruction		
			Precise Flight Inc - William W Hall I # 24170986		

			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
8-06-01	5379	02	Changed oil w/8Qts of Aeroshell 15W50 Replaced filter w/CH48110 checked oil filter for contaminants, none found TEST RAN NO LEAKS	Marty J Parnell owner	2083178
10-24-01	5415	54	changed oil w/8Qts of Aeroshell 15W50 Replaced filter w/ CH48110 checked oil filter for contaminants none found TEST RAN, NO LEAKS	Marty J Parnell owner	2083178
12-28-01	5456	09	changed oil w/8Qts of Aeroshell 15W50 Replaced filter w/CH48110 checked oil filter for contaminants none found test ran no leaks	Marty J Parnell owner	2083178
11-2-02	5558	60	changed oil w/8Qts of Aeroshell 15W50 Replaced filter w CH48110 checked oil filter for contaminents none found test run OK no leaks	Marty J Parnell owner	2083178
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			Date 6-10-03		
			I certify that this ENGINE		
			has been inspected in accordance with		
			a 100 HR. ANNUAL inspection		
			and has been determined to be in		
			AIRWORTHY condition.		
			Time in service 5511 HRS.		
			(1) Changed Oil & Filter 9/5 15/60		
			(2) Check plugs -		
			(3) Compression Ck. Satisfactory -		
			B.L. Vendome		
			REP #H9H03Z		
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			Date 7-8-03		
			I certify that this Engine	(1) Change Oil & Filter 17.50	8 qts.
			has been inspected in accordance with	(2) Clean & Check plugs,	
			a 100 hr Annual inspection	(3) Compression Satisfactory,	
			and has been determined to be in	(4) Replace Air Filter	
			AIRWORTHY condition.	(5) Remove both mags: Internal check	
			Time in service 5610.5 hrs TT	OK: "E" gap OK: Reinstall with	
			[redacted]	All New gaskets & Timed 25°:	
				(6) Mags Checked OK.	
				B.C. Newsome	
				#494032	
			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
~~Date~~	~~8~~	~~57~~	~~04~~		
I certify that this Engine — has been inspected in accordance with a 100 HR. Annual inspection and has been determined to be in AIRWORTHY condition. Time in service 5690.5 T.T.			(1) Change oil & filter A/S 15/50 added (2) Add baffle screws AS Required (3) Tighten oil filler Neck — (4) Clean & Gap plugs — (5) Wash Eng down & Run-up — B.C. Wenzoorn A&P #4940322		
[illegible]					
			Total time SMOH 955.08		

		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

AEROTECH MAINTENANCE 117 CONSTELLATION DR. Cresson, TX.. 76035
WORK (817) 512-4731 CELL (817) 707-7015

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 70/80 #2 75/80 #3 78/80 #4 79/80. Replaced upper spark plugs with REM38E to match lower plugs. Replaced SCAT Hose from carburetor shroud to carburetor. Replace SCAT Hose from Heater shroud to Airframe. Stopped drilled crack in fwd spinner bulkhead. Removed and replaced Oil Filter Adapter, p/n 77852 and Vernatherm p/n AEL19600. Replace Spark plug harness Unison p/n M004. Timed Engine mags at 30° BTDC. The following AD was complied with: AD 04-10-04 C1 date 25 June 2004. N/A at this time. Due at Prop strike or sudden stoppage or next overhaul.

I CERTIFY THAT THIS *Engine/Propeller* HAS BEEN INSPECTED IN ACCORDANCE WITH AN *100 Hour* INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE *08/20/2005* TOTAL TIME *5776.94* TACH TIME *5776.94* T.S.O.H. *1041.52*

SIGNATURE _____ **NO** ***2837743 A&P/I.A.***

			Brought Forward	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Total to Date	

ENGINE LOG

Serial No. _____

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

AEROTECH MAINTENANCE 117 CONSTELLATION DR. Cresson, TX.. 76035
WORK (817) 512-4731 CELL (817) 707-7015

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 70/80 #2 72/80 #3 71/80 #4 73/80. Timed Engine magnetos at 25° BTDC. The following AD was complied with: AD **04-10-04 C1** date 25 June 2004. N/A at this time. Due at Prop strike or sudden stoppage or next overhaul. **AD05-19-11**, dated 21 October, 2005. 300 Horsepower or Lower Crankshafts, N/A by Engine Model Number; **AD05-19-20**, dated 04 November 2005. STC SA2660CE Fuel Pump and Gascolater Fittings, N/A by Petersen Aviation, Inc. STC not incorporated; **AD06-06-16**, dated 27 April 2006. Crankshaft Replacement, N/A by Model number; **AD06-10-21**, dated 22 June 2006, Engine Components, Inc Connecting Rods, N/A by inspection of log book for installation, not installed; **AD06-12-07**, dated 11 July 2006, Engine Components, Inc Parallel Valve Cylinder Assemblies, N/A by inspection of log book for installation, not installed.

I CERTIFY THAT THIS *Engine/Propeller* HAS BEEN INSPECTED IN ACCORDANCE WITH AN *100 Hour* INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE *08/20/2006* TOTAL TIME *5506.08* TACH TIME *5806.08* T.S.O.H. *1070.66*

SIGNATURE _____ **NO** ***2837743 A&P/I.A.***

AEROTECH MAINTENANCE 117 CONSTELLATION DR. CRESSON, TX. 76035
WORK (817) 512-4731 CELL (817) 308-5519

License Number

Removed Gill G-35 Battery and replaced with PMA'ed Concorde RG-35AXC Battery s/n 40159331. Removed both left and right Slick Magnetos and replaced with new Slick magnetos. Left P/N 4373 s/n 06102868 and Right P/N 4370 s/n 06103077. Set Timing at 25° BTDC. Ran Engine and performed mag drop checks (checks okay).
Okay for return to service.
12-19-2006 TT5813.93hours
SIGNATURE R.J.Pyles NO ***2837743 A&P/I.A.***

AEROTECH MAINTENANCE 117 CONSTELLATION DR. CRESSON, TX. 76035
WORK (817) 512-4731 CELL (817) 707-7015

Removed Exhaust Mufflers and replaced with new FAA/PMA (Kinsley K66894-00 s/n"s 162600 and 162595).
Okay for return to service.
11-03-2006 TT5807 hours
SIGNATURE R.J.Pyles NO ***2837743 A&P/I.A.***

			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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
24 Dec 05	5745.1		changed oil + filter ATP 2083178		
28 June 06	5763.9		changed oil + filter ATP 2083178		
07 Oct 06	5806.1		changed oil + filter ATP 2083178		
30 Aug 06	5833.0		changed oil + filter ATP 2083178	Elite 20w-50	ch48110-1

			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.

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

AEROTECH MAINTENANCE 117 CONSTELLATION DR. Cresson, TX.. 76035
WORK (817) 512-4731 CELL (817) 707-7015

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 74/80 #2 78/80 #3 75/80 #4 76/80. Timed Engine magnetos at 25° BTDC. The following AD was complied with: AD **04-10-04 C1** date 25 June 2004. N/A at this time. Due at Prop strike or sudden stoppage or next overhaul. The following maintenance was performed: Drained oil and changed filter. Filled with 8 qts. Exxon Elite 20W50oil and Champion CH48110-1 Filter.

I CERTIFY THAT THIS ***Engine/Propeller*** **HAS BEEN INSPECTED IN ACCORDANCE WITH A** ***100 Hour*** **INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE** ***09/03/2007*** **TOTAL TIME** ***5833.21*** **TACH TIME** ***5833.21*** **T.S.O.H.** ***1097.78***

SIGNATURE _____ **NO** ***2837743 A&P/I.A.***

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

C&R AIRCRAFT MAINTENANCE, LLC 117 CONSTELLATION DR. CRESSON, TX. 76035
WORK (817) 512-4731 CELL (817) 308-5519

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 72/80 #2 74/80 #3 76/80 #4 75/80. Checked Engine to Magneto Timing at 25° BTDC. The following AD were complied with: AD **04-10-04 C1** date 25 June 2004. N/A at this time. Due at Prop strike or sudden stoppage or next overhaul. The following new AD's were complied with: No new AD's were released from last annual. AD's checked thru week 2008-18

I CERTIFY THAT THIS ***Engine*** **HAS BEEN INSPECTED IN ACCORDANCE WITH A**

100 hour **INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

OKAY FOR RETURN TO SERVICE

DATE ***09/13/2008*** **TOTAL TIME** ***5846.6*** **TACH TIME** ***5846.6*** **T.S.O.H.** ***1111.18***

SIGNATURE _____ **R.J.Pyles** **NO** ***2837743 A&P/I.A.***

10 J 08 5848.31 Changed oil & filter oil Exxon Elite 20W-50 ch 48110-1

M J Parnell ATP 2083178

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

C&R AIRCRAFT MAINTENANCE, LLC 117 CONSTELLATION DR. CRESSON, TX. 76035
WORK (817) 512-4731 CELL (817) 308-5519

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 66/80 #2 70/80 #3 75/80 #4 70/80. Checked Engine to Magneto Timing at 25° BTDC. Drained oil and removed filter. Serviced with 8qts of Exxon 15W50 Elite oil and CH48110-1 Champion Oil Filter. Cut open filter and found no metal. The following reoccurring AD's were complied with: AD **04-10-04 C1** date 25 June 2004, N/A at this time, Due at Prop strike or sudden stoppage or next overhaul. The following new AD's were complied with: **AD08-19-05**, Dated 20 October 2008, ECI P/N AEL65102 "TITAN" Cylinders, N/A by no ECI cylinders installed. AD's checked thru week 2009-22.

I CERTIFY THAT THIS *Engine* HAS BEEN INSPECTED IN ACCORDANCE WITH A *100 hour* INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
OKAY FOR RETURN TO SERVICE
DATE *11/02/2009* TOTAL TIME *5859.5* TACH TIME *5859.5* T.S.O.H. *1179.5*

SIGNATURE _____ **R.J.Pyles** **NO *2837743 A&P/I.A.***

08-08-10 R&R Vacuum pump replace coupling
O's Rod AEP 2631919

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

C&R AIRCRAFT MAINTENANCE, LLC 117 CONSTELLATION DR. CRESSON, TX. 76035
WORK (817) 512-4731 CELL (817) 308-5519

This Engine was inspected IAW the latest Piper inspection manual and check list for a 100 hour inspection. The following maintenance was performed: Performed compression test with the following results: #1 74/80 #2 73/80 #3 75/80 #4 76/80. Checked Engine to Magneto Timing at 25° BTDC. Drained oil and removed filter. Serviced with 8qts of Exxon Elite 20W50 oil and CH48110-1 Champion Oil Filter. Cut open filter and found no metal. The following reoccurring AD's were complied with: AD **04-10-04 C1** date 25 June 2004, N/A at this time, Due at Prop strike or sudden stoppage or next overhaul. The following new AD's were complied with: **AD09-26-12**, Dated 02/04/2010, ECI P/N AEL65102 "TITAN" Cylinders, N/A by no ECI cylinders installed. AD's checked thru week 2010-23.

I CERTIFY THAT THIS *Engine* HAS BEEN INSPECTED IN ACCORDANCE WITH A *100 hour* INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
OKAY FOR RETURN TO SERVICE

DATE *11/14/2010* TOTAL TIME *5872.68* TACH TIME *5872.68* T.S.O.H. *1192.68*

SIGNATURE _____ **R.J.Pyles** **NO *2837743 A&P/I.A.***

11-5-11 5873.75 change oil + Filter Exon Elite 20w50 CH 48110-2 owner MS PARRISH ATP 208178

01 March 2012 N44584 RL 29834-36A Tach&TT 5895.62 TSOH 1215.63

- Compression Check 1=70 2=70 3=75 4=73, timing check, clean gap test rotate plugs,
- Clean fuel screens, tighten intake clamps and rocker box screws, replace fuel to main pum and from Aux pum, and to carburetor and to fuel gage, secure emergency vacuum cable, remove sharp edges on ring gear teeth, repair air cleaner cover fastener flange, reroute and secure chaffing lines and cables

I certify that this POWERPLANT has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition Robert AEP 2631919 IA