

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0-360-747 L-16348-367
MAKE MODEL SERIAL

FROM May 20, 19 98 TO _____ 19 _____

DETAILING TIME FROM _____ HOURS TO _____ HOURS

Start tach 3199.53

SSP 1872-1

October 1994

TEXTRON Lycoming652 Oliver Street
Williamsport, PA 17701 USA
717/323-6181ENGINE SERIAL NUMBER L-16348-36AIN SERVICE DATE 051898 ENG. 5811
TT. 5811

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TLRED-489
(Rev. 10-96)

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 #: L-16348-36A
Total Time: 5811.0
Work Order #: GJ0409905
Date Completed: 5-8-98

Authorized Signature *Charles B. White*
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

in accordance with the applicable Textron Lycoming manu-
facturing instructions, FAA Airworthiness Directives and Textron Lycoming

ENGINE DESCRIPTION

Mfg. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date 5/8/98
Type O-360	Model O-360-A4A	Serial No. L-16348-36A
Rated H.P. 180	Max. H.P.	Weight (Dry)
Rated R.P.M. 2700	Max. R.P.M.	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller SENSEWICH 76 EM 855-0-40	Hub Design	Hub Serial No. 7658
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name D. TRAINER		
Address 9041 Orchid Ledge, Charence, N.J. 08031		

TEXTRON Lycoming652 Oliver Street
Williamsport, PA 17701 U.S.A.TLRED-489
(Rev. 10-96)

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

Engine Model: O-360-A4A
 Serial #: L-16348-36A
 Total Time: 5811.0
 Work Order #: GJ0409905
 Date Completed: 5-8-98

Authorized Signature: *Charles B. White*
 Textron Lycoming
 652 Oliver Street
 Williamsport, PA 17701
 Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date 5/8/98	
Type O-360	Model O-360-A4A	Serial No. L-16348-36A	
Rated H.P. 180	Max. H.P.	Weight (Dry)	
Rated R.P.M. 2700	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller SENSENICH 76 EM 855-0-40	Hub Design	Hub Serial No. 7658	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name D. TRAINER			
Address 9041 Orchid Ledge, Charence, NJ 07031			

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5-19-98	TACH	309.22	SMON, 0.0 install engine on Piper PA-28-180, N7831W. Service with 30's 80min Shell oil. Test run engine, check operation of all controls, intake RPM 2350. det. w/lo. approval + mixture		
			<p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE</p> <p>Pertinent details of the repair are on file at this station under Service Order No. <u>58077</u> Date <u>5-19-98</u></p> <p>Signed <u>[Signature]</u></p> <p>FAA APPROVED REPAIR STATION NO. B2ER144J</p> <p>Boshart Enterprises and Aircraft Services, Inc., Genesee County Airport, Batavia, NY 14020</p>		
			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			
			<p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>Annual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>98-12</u> CHECKED. OPERATIONAL CHECK SATISFACTORY.</p> <p>SIGNATURE <u>[Signature]</u></p> <p>FOR REPAIR STATION <u>B2ER144J</u></p> <p>SMON TOTAL TIME <u>14.16</u> TACH <u>3213.78</u></p> <p>DATE OF INSPECTION <u>5-1-98</u></p>		
			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			
10/3/98 SMOH	47	hrs.	Change oil & Filter - went to Ashers Disassembly		
TACH	3246.8		W/65 8qts. CW PIPER SB 1022 AIR FILTERS Facet Filter NOT Installed. Set up Idle Mixture. Installed NEW CABIN HEAT SCAT TUBING. -END-	James K Merzuck	
				- CRS# B2ER144J -	
4-30-99	TACH	3286.60	DRAINED ENGINE OIL, REMOVE OIL FILTER. Installed NEW Champion		
SMOH	86.8		oil Filter P/NCH48110 8qts of W80 Aeroshell. -END-	James K Merzuck	
				- CRS# B2ER144J -	
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			
8-2-99	TACH	3307.87	SMOH 108.07 DRAINED ENGINE OIL, REMOVED OIL FILTER. Installed 8qts of Aeroshell W80 and New Champion oil Filter P/NCH48110. Repaired CARB Heat Shroud PATCH AS NEEDED. - Performed Compressor check. ① ② ③ ④		
I CERTIFY THAT THIS			78	78	78
HAS BEEN INSPECTED IN ACCORDANCE W/A			80	80	80
Annual TYPE INSPECTION AND					
WAS DETERMINED TO BE IN AIRWORTHY					
CONDITION. A.D. SUMMARY TO 99-15					
CHECKED. OPERATIONAL CHECK SATISFACTORY.					
SIGNATURE					
FOR REPAIR STATION					
TOTAL TIME			870.07	TACH	3307.87
DATE OF INSPECTION			Brought Forward	8/2/99	
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			
10/18/99	3330	12	CHANGED OIL & OIL FILTER ADDED 8qt AERO SHELL 30WGT FILTER CH 48-110 COT OPEN FILTER <i>Danny Pasco AP20012887</i>		
5-4-00	3355	13	DRAINED ENGINE OIL, REMOVED OIL FILTER. Installed New Champion Oil Filter P/N CH48110 & 8qts of Aero Shell W80. Installed New Rocker Cover Gasket on #3 Cylinder P/N SLR75906. CLEANED CARB. Fuel Inlet Screen and DRAINED CARB. -END- <i>Jonas K. Merrick</i> - CR# B2ER1445 -		
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			
6/20/00	3368	9	BALANCED PROP DYNAMICALLY WITH ACES MODEL 1000 S/W 496 CAL DUE 5/10/00 INITIAL RUN @ 2300 RMP SHOWED A VIBRATION OF .45 IPS AT 65° ADDED 31 GRAMS OF WT AT 335° FINAL RUN .05 IPS @ 47° <i>Danny Pasco CR# B2ER1445</i>		
7/20/00	3376	0	Remove carburetor, inspection & repair of jets. Mitubishi (see attached tag) install prop. set idle speed. <i>Jeff M. ...</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					

FAA Certified Repair Station
B2ER144

PROL...
mainten...
2
1/15/07

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/29/00	TACH	3883.04	Drain oil, replace filter, install new 8qt w80 Amsoil oil.	<i>[Signature]</i>	JA161481889
9-9-00	TACH	3883.43	Installed New Bracket AIR FILTER P/N BA-3. Installed New Alternator Belt P/N 452-541, Reinstalled Propeller JAW PIPER SERVICE MANUAL. Repaired Botter Fly VALVE IN CARB Heat Box by installing New SEAL MATERIAL. performed compression check. (1)78 (2)78 (3)77 (4)76. --END-- SMOH 183.63	<i>[Signature]</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					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>Visual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>CC-17</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <i>[Signature]</i> FOR REPAIR STA. #ZER144J TOTAL TIME <u>5994.81</u> TACH <u>3883.43</u> DATE OF INSPECTION <u>9/9/00</u>		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12-4-00	33	91	DRAINED ENGINE OIL, INSTALLED 7qts of AEROSHELL W65 — END — <i>James K. Merenda</i> CRS# B207144		
4-23-01	34	07	Drain oil, remove + inspect filter, install new CH48110 + 8qts W65 Aeroshell oil. <i>J. Robert</i> CRS# B207144		
4-26-01			Textron Lyeing Service Bulletin #549 Checked and is N/A. <i>James K. Merenda</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					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/25/01	34	27	SMCH; 233.65 TT; 2044.65 Install down new REH38E spark plug. Replace combustion filter #1 B1-3 Remove + clean carb. cycled down. Remove + inspect carb. check shroud Cup screws: ① 7/8" ② 7/8" ③ 7/8" ④ 7/8"		
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					

I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH
SECTION AND
WAS DETERMINED TO BE IN UNWORTHY
CONDITION. A.D. SUMMARY: (1) 01-18
CHECKED. OPERATIONAL CONDITION SATISFACTORY.
SIGNATURE *J. Robert*
FOR REPAIR STA. B207144
TOTAL TIME 6044.65 TT; 2044.65
DATE OF INSPECTION 9/25/01

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-12-02			TACH 3492.28 SMolt 292.66 TT 6103.66 Drained engine oil Removed Filter and Inspected. Installed New Champion oil Filter PIN CH48110 and 8 qts of Aeroshell WSO. Installed New Seal In carb Heat Box and Re Ripped VALVE. welded muffler #1 #2 cylinder by #2 cylinder. Tightened up Dip Stick Tube. Installed New Bralle Air Filter PIN BA-3 C/W AD 95-26-13 OIL COOLER HOSES per PARA (A)(1). compression check Readings (1)75 (2)74 (3)76 (4)75 - END James K. Motzack CRS# B20R1445		
			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 <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>ANNUAL</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>17-02</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. (B2ER144) TOTAL TIME <u>6103.66</u> TACH <u>3492.28</u> DATE OF INSPECTION <u>9-12-02</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-29-03			TACH 3525.69 Smooth 326.07 TT 6137.07 Clw AD 95-26-13 Oil cooler hoses Insp. per para (2)(1) Replaced Next DUO (2/2004 or 4149.2 Tach.) welded forward muffler and Re-Installed. Compression Check Readings 1) 75 2) 76 3) 76 4) 76. END James K. Morzack - I CERTIFY THAT THIS ENGINE CRS# B2132144 HAS BEEN INSPECTED IN ACCORDANCE W/A ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 03-18 CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <i>[Signature]</i> FOR REPAIR STA. B2132144		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified 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			
8/24/04			TACH 3564.2 Smooth 364.58 TT 6175.58 remove, clean, re- rotate spark plugs. Check ignition timing Compression: 1) 77/80 2) 75/80 3) 77/80 4) 76/80 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE W/A ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 04-16 CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <i>[Signature]</i> FOR REPAIR STA. B2132144 TOTAL TIME 6175.58 TACH 3564.2 DATE OF INSPECTION 8/24/04		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified 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			
8/29/05			TACH: 3589.72 - SMOH: 390.1 TI: 620.1 Remove + clean spark plugs Prop reads: ① 75/80 ② 75/80 ③ 76/80 ④ 75/80 I CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE W/A ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 05-17 CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>John Y. Beckert</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>620.1</u> TACH <u>3589.72</u> DATE OF INSPECTION <u>8/29/05</u>		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certified 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			
			N 7381N Serial # 28-5285 PA28-180 Tach: 3598.63 Removed aircraft starter, repaired starter drive. Reinstalled using new lock washers. Service Order No. 54836 Dated: 1/17/06 Signed: <u>James K Merrick</u> FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020		

Air Data Must Bear the Endorsement of a Certified 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			
8/24/06	TACH; 3612.7	SMON; 413.12	Ti; 6224.12 Drain oil, inspect filter (no contamination found), install new Champion + parts W80 Aeroshell oil. CERTIFY THAT THIS <u>Engine</u> Clean, gap + rotate spark plugs. <u>Annual</u> TYPE INSPECTION AND Comp reads: ① 75/80 ② 75/80 ③ 74/80 ④ 76/80 HAS BEEN INSPECTED IN ACCORDANCE W/A WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>06-16</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>6224.12</u> TACH <u>3612.7</u> DATE OF INSPECTION <u>8/24/06</u>		
2/24/07	TACH 3620.5		Installed new set of Exhaust Bolts. Blow proof.		
			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			
8/30/07	TACH; 3632.75	SMON; 433.17	Ti; 6244.17 Drain oil, remove + inspect filter, install new Champion and parts W80 Aeroshell oil. Comp reads: ① 75/80 ② 76/80 ③ 74/80 ④ 76/80 CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>Annual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>07-17</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>6244.17</u> TACH <u>3632.75</u> DATE OF INSPECTION <u>8/30/07</u>		
			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			
2/2/08	TACH		SMOH = 460.69, TT = 6271.69		
	3660.27		OIL CHANGE - DRAIN OIL, REMOVE & REPLACE OIL FILTER, INSTALL NEW CH 48110-1 FILTER, ADD 7QT PHILLIPS 20W50 AD OIL		
			NECESSARY		
			COMM GRAT # 2055963		
7/24/08	3707.09		SMOH = 508.59 TT = 6319.51		
			OIL CHANGE - DRAIN OIL, REMOVE & REPLACE OIL FILTER, INSTALL NEW		
			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			
			CH 48110-1 FILTER, ADD 7QT PHILLIPS 20W50 AD OIL - SERVICED BATT, ADDED WATER AS NECESSARY		
			COMM GRAT # 2055963		
			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			
			N 7831N Tach: 3708.73 TT: 5-01-08 6321.15 Piper PA28 Serial # 28-5285 SMONR 510.75 Removed vacuum pump and garlock. Installed newly Overhauled vacuum pump 215CC (Serial # 60759) and new Garlock oil seal and gasket. Blew out all lines to the pump. Service Order No. 56272 Dated: 8-01-008 Signed: <i>[Signature]</i> FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020		
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			
4/3/08	Tach!	3714.52	TT: 6328.94 SMOH: 515.94 Cleaned, gapped and rotated sparkplugs. Replaced missing exhaust nuts on Cyl's # 1 & #4. Replaced intake gasket on Cyl #4. Tightened dipstick tube & safetied. Removed both magnetos. QW Slick SB-1-86B. Impulse Coupling Inspection by visual inspection. QW Slick 500 hour inspection. Replaced contact assy. in LH magneto. Reset internal timing		
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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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			in both magnetos. Reassembled magnetos and reinstalled to engine. Set magneto to engine timing to 25° BTC. Compression test: 1. 76/80 2. 72/80 3. 77/80 4. 76/80		
<p>I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>Annual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>2009-15</u> CHECKED OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>Wane A. [Signature]</u> FOR REPAIR STA. B2ER144J</p>					
Page Total		TOTAL TIME <u>6326.94</u>		TACH <u>3711.52</u>	
Brought Forward		DATE OF INSPECTION <u>9/27/09</u>		All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/6/09	Tach: 137	45.54	Total: 6357.96 SMOH: 546.96 Changed oil and Filter. Inspected old Filter, no contamination noted. Installed new CH48110-1 Filter and 7qts Phillips X/C 20 w 50 oil. Cleaned, gapped, and rotated sparkplugs. Retimed LH magneto to 25° BTC. Cleaned oil sump and reattached sump heater pad. Compression test: 1. 78/80 2. 70/80 3. 75/80 4. 78/80		
<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>					
<p>All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.</p>					

ENGINE LOG

Serial No. _____

Date	Time		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>an Annual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>2009-19</u> CHECKED. OPERATIONAL CHECK SATISFACTORY.	Signature	License Number
	Hrs	Min			
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					

SIGNATURE: Jane A. [Signature]
 FOR REPAIR STATION B2ER144J
 TOTAL TIME: 6357.96 TACH: 3745.54
 DATE OF INSPECTION: 10/6/09

ENGINE LOG

Serial No. _____

N7831N Tach; 3771.60 Engine TT; 6384.02 SMOH; 573.02
ENGINE
 Drain engine oil, remove oil filter and inspect. Install new
 Champion oil filter P/N CH48110-1 and 7 qts of Phillips 20W50
 oil. Install new engine air filter P/N BA-3. Clean, gap, and test
 spark plugs. Check magneto timing.
 Compression Test: 1)78 2)70 3)78 4)75

The aircraft and/or component identified above was repaired and
 inspected in accordance with current regulations of the Federal
 Aviation Administration and is approved for return to service.
 Pertinent details of the repair are on file at this station under
Service Order No. 57322 Dated: 11-1-10

[Signature]
 FAA Approved Repair Station No. B2ER144J
 Boshart Enterprises and Aircraft Services, Inc.
 Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION
 AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 A.D. SUMMARY TO 2010-21 CHECKED.
 OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: [Signature]
 FOR REPAIR STATION B2ER144J
 TOTAL TIME: 6384.02 TACH: 3771.60
 DATE OF INSPECTION: 11/1/10

MARKS	Signature	License Number

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/22/10			REPLACED STARTER WITH FAA-PMA APPROVED		
TAC 11	3	15	SKYTEC MODEL 149-AL 50 FN 301094		
			REPLACED BENDIX IGNITION SWITCH		
			WITH CUSTOMER SUPPLIED SERVICEABLE		
			UNIT REPLACED SOLENOID WITH PAPER 487-169 NEW		
			RECALCULATED WEIGHT AND BALANCE		
			FUNCTIONAL TESTOR <i>George N. 1868417AD</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					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
TTSMO-615.75			Date: 7/15/11 Tach/Hobbs: 3814.33 Drain engine oil, removed oil <u>FILTER</u> and inspect. Install <u>7</u> qts. of <u>Phillips 20W50</u> . Installed new oil filter P/N <u>CH481101</u> . Run up and leaked check filter and check oil level.		
Service Order No. 57606 Date: 7/15/11					
<i>James K. Newick</i>					
FAA Approved Repair Station No. B2ER144J					
Boshart Enterprises and Aircraft Services, Inc.					
Genesee County Airport Batavia, N.Y. 14020					
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					

N783N Tach; 3856.53 Engine TT; 6468.95 SMOH; 657.95 ENGINE

Drain engine oil, remove and inspect oil filter. Install 7 qts of Phillips 20W50 oil and new Champion CH48110-1 oil filter. C/W AD95-26-13 oil cooler hose inspection per para (a)(1), replacement next due 8/2012 or 4364.2 ACTT. Install new engine air filter P/N BA-3. Install new alternator belt P/N 73965-015 and torque bolts to 65 in lbs. Re-time magneto to 25° B,T,D,C. Compression Test: 1)74 2)69 3)76 4)71

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 57795 Dated: 12/1/11

James K Merrick
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

_____ Total to Date

G		
Serial No. _____		
MARKS	Signature	License Number

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2011-22 CHECKED. OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James K Merrick
FOR REPAIR STATION B2ER144J
TOTAL TIME: 6468.95 TACH: 3856.53
DATE OF INSPECTION: 12/1/11

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

6/6/12 - TACH = 3898.64, SMOH = 700.06, ENGINE TT = 6511.06
DRAIN ENGINE OIL, REMOVE & INSPECT FILTER, INSTALL 7 QT'S PHILLIPS 20W50
OIL & NEW TEMPEST AA48110-2 OIL FILTER, GROUND TEST RUN FOR LEAKS - NONE
FOUND. LEE ROUSSELLA, COMM CERT # 2055963, JRM

10/25 - TACH = 3935.20, SMOH = 706.62, ENGINE TT = 6547.12
DRAIN ENGINE OIL, REMOVE & INSPECT FILTER, SUP W/ 7 QT'S PHILLIPS
20W50 OIL, (INSTALL NEW TEMPEST AA48110-2 OIL FILTER, GROUND
TEST RUN FOR LEAKS, NONE FOUND. LEE ROUSSELLA, COMM CERT 2055963
JRM

DATE 1/15/2013

Service Bulletins, Letters, Instructions & A D Notes

1/15/2013 TACH 3940.31 Eng II 6552.73 smolt 741.73
C/W 1795-26-13 oil cooler hose inspection. Installed New oil cooler
Hoses pin 124F001-8CR-0300, 124F001-8CR-0210. Type D Hoses
Installed. Re-timed Both Magneto's to 25° B, T, D, C. Installed 8 New
Tempest spark plugs pin 08-00046. Compression Test Readings (1) 70 (2) 60
(3) 78 (4) 64. —END— James K. Merrick
CRS# B2ER144J

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
A.D. SUMMARY TO 2012-26 CHECKED.
OPERATIONAL CHECK SATISFACTORY. smolt 741.73

SIGNATURE: James K. Merrick
FOR REPAIR STATION B2ER144J
TOTAL TIME: 6552.73 TACH: 3940.31
DATE OF INSPECTION: 1/15/2013

DATE

Service Bulletins, Letters, Instructions & A D Notes

N7831N Tach; 3972.98 Engine TT; 6585.4 SMOH; 774.4

ENGINE
Drain engine oil, remove and inspect oil filter. Install new CH48110-1
filter and 8 qts of Phillips 20W50 oil. Tighten oil dipstick tube.
Clean, gap, and test spark plugs. Check magneto timing to engine.
Compression Test: 1)78 2)65 3)76 4)77

The aircraft and/or component identified above was repaired and
inspected in accordance with current regulations of the Federal
Aviation Administration and is approved for return to service.
Pertinent details of the repair are on file at this station under
Service Order No. 60618 Dated: 2/1/14

James K. Merrick
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
A.D. SUMMARY TO 2014-02 CHECKED.
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James K. Merrick
FOR REPAIR STATION B2ER144J
TOTAL TIME: 6585.4 TACH: 3972.98
DATE OF INSPECTION: 2/1/14

Service Bulletins, Letters,
& A D Notes

N7831N Tach; 3994.71 Engine TT; 6607.13 SMOH; 796.13 ENGINE

Drain engine oil, remove and inspect oil filter. Install a new Champion CH48110-1 filter and 8 qts of Philips 20W50 oil. Reposition #2 intake hose and tighten clamps. Check magneto timing to engine. Clean, gap, and test spark plugs. Compression Test: 1) 78 2)60 3)77 4)70

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 61033 Dated: 3/5/15

James K. Merrill
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
A.D. SUMMARY TO 2015-04 CHECKED.
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James K. Merrill
FOR REPAIR STATION B2ER144J
TOTAL TIME: 6607.13 TACH: 3994.71
DATE OF INSPECTION: 3/5/15

SERVICEABLE PART

Manufacturer TEXTRON INC.
Part Name AIRCRAFT ENGINE
Model 0-360-144R
Part No. _____
Serial No. L-16348-36A

Remarks: _____

The aircraft engine or accessory identified above was:

- OVERHAULED
 REMANUFACTURED / REBUILT
 REPAIRED

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Order No. _____

Date 3/5/15

Signed [Signature]
Signature of Authorized Person

FOR: **TEXTRON Lycoming**

Subsidiary of Textron Inc.
652 Oliver Street
Williamsport, PA 17701 USA
717/823-6181

FAA REPAIR STATION #E1R115K 44808
Form 302