

LEFT ENG
LOG #1

TEXTRON Lycoming

Left Engine

ENGINE LOG

SSP 1872

TEXTRON Lycoming

Williamsport Plant

Textron Lycoming/Subsidiary of Textron Inc.

652 Oliver Street

Williamsport, PA 17701 U.S.A.

717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING I0320C1A L 4370-55A
MAKE MODEL SERIAL

FROM 16 SEPT 1991 TO 8 June 2001
FROM TO

DETAILING TIME FROM 1800 Hrs T.T TO 2981.8 TT
HOURS HOURS

SSP 1872

September 1987

TEXTRON Lycoming

TLW-489
(Rev. 7-91)

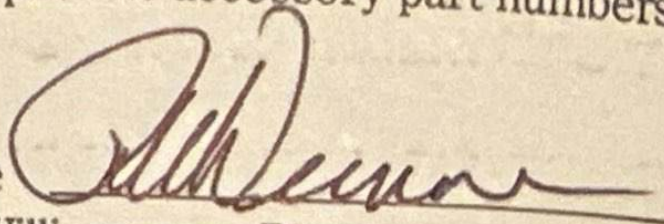
Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.

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: IO-320-C1A
Serial #: L-4370-55A
Total Time: 1800.
Work Order #: P-526284
Date Completed:

9/10/91

Authorized Signature 
Textron Lycoming, Williamsport Plant
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date 9/10/91
Type	Model IO320 CIA	Serial No. L-4370-55A
Rated H.P. 160	Max.H.P. 160	Weight (Dry)
Rated R.P.M. 2200	Max.R.P.M. 2700	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		

ENGINE LOG SERIAL No. _____

DATE 1981	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
16 Oct 91			• MOUNTED ENGINE IN LEFT POSITION OF PA 30-1140 N 80314		
TACH	681	25	• ALL OIL/FUEL HOSES FLUSHED AND INSPECTED AND FOLLOWING HOSES		
SMOIL		000	REPLACED - FUEL LINES; BETWEEN FUEL PUMP AND FUEL CONTROLLER		
TOTAL	1800	00	AND FUEL CONTROLLER TO SPIDER; OIL LINES; BETWEEN TURBO OIL		
			FILTER AND TURBO TO SCAVANGER PUMP AND IN BREATHER LINE		
			• SCAVANGER PUMP OVERHAULED - LYCON, VISALIA W/ # 5858		
			• PROP COVER WER OVERHAULED - VALLEY PROP, BKFLD W/ # 16322		
			• OIL RADIATOR CLEANED AND PRESSURE CHECKED - ST C MBS W/ 8012		
			• TURBO OVERHAULED AND CHECK VALVE REPLACED VISALIA W/ 62512		
			• GENERATOR FROM PREVIOUS ENGINE INSTALLED (OVERHAULED) T-65815		
			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 1991	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
16 OCT			(INSTALLATION CONT'D) • ENGINE SPOCK MOUNTS REPLACED T-617.38		
			• VACUUM PUMP FROM OLD ENGINE INSTALLED (240 HRS SINCE OVERHAUL)		
			• ENGINE RUN UP AND GROUND CHECKED FOR LEAKS		
			• ENGINE MOTORED AND OIL PRESSURE OBSERVED PRIOR TO RUN UP		
			• AIR CLEANER REPLACED (OILED AND INSTALLED)		
TACH	681	25	• ADDED 9 QTS SHELL 100 STRAIGHT MINERAL OIL		
SMDH	0	00	• ENGINE GROUND RUN AND CHECKED FOR LEAKS. SET IDLE SPEED		
TOTAL	1800	00	+ MIXTURE SET. ENGINE APPROVED FOR RETURN TO SERVICE.		
			— END —	 AEROBIX-POC AP460889357A	
			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.			
1991					
18 Oct	TACH 683	45	ENGINE RUN FOR BREAK IN PER LYCOMING SERVICE INSTRUCTION 1427A (75% - 65%) 2.2 HRS, ADDED 1 QT SHELL 100 MINERAL OIL Sheldon & Bressi		
20 Oct	T=686 SMOH	22 11.3	CONTINUED BREAK-IN (1/2 HR @ MAX POWER, 2600 RPM AND 28.6" HG H.P.) S.D. Bressi PER LYCS.T. 1427A		
27 Oct	T=692 SMOH	54 30.4	ADDED 1 QT SHELL 100 MINERAL OIL Sheldon & Bressi - OPERATED 65% - 75% Power		
7 Nov	T=711 SMOH	06 4	ADDED 1 QT SHELL 100 MINERAL OIL Sheldon & Bressi - OPERATED 65% - 75% Power		
26 Nov	T=724.1 SMOH	42.9	ADDED 1 QT SHELL 100 MINERAL OIL Sheldon & Bressi - OPERATED 65% - 75% Power		
30 DEC	TACH 729.45	SMOH 48.2	CHANGED OIL FILTER CH48103, CHANGED OIL ADDED 8 QTS SHELL 15W-50 OIL PICKUP SCREEN CLEANED TURBO OIL FILTER, AIR INDUCTION AIR FILTER, CLEANED & GAPPED SPARK PLUGS - S.D. Bressi		
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.			
1992					
1-14	729	4	COMPRESSION TEST #1 76/80 #2 77/80 #3 77/80		
SMOH	48	2	#4 78/80 checked MAG TIMING SPARKPLUGS		
			INSTALLED RESTRICTOR ORFICE & checked FUEL		
			PUMP VENT AS PER A.D. 91-08-07		
			Annual Inspection completed this date <u>1-14-92</u> <u>729.4</u> hours I certify that this aircraft/engine has been inspected in accordance with Annual inspection and was determined to be in an airworthy condition <u>Michael L. Passwater A&P 1758050 AI</u> <i>Michael E. Passwater</i>		
2-28-92	751	7	Added 1qt SHELL 15W-50 <u>Ed. Brier ATP 765145</u>		
SMOH	76	5			
			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 1992	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10 APR	590H = 85.3		Added 1qt SHELL 15W50 Sheldon Q. Buesin		
25 MAY	T = 766.54 SMOH = 102.4		Drained Oil, Changed Oil FILTERS AND SPARK PLUGS, CLEANED TURBO OIL		
	T = 783.26				
	SW = 1902.4		FILTER AND AIR FILTER, ADDED 8 QTS SHELL 15W-50 Sheldon Q. Buesin		
27 JUNE	T = 796.35 SMOH = 115.2		OVERHAULED STARTER REINSTALLED, PROCRATE W.D. 5744, CHANGED OIL AND CH 48 103		
	SW = 1915.2		FILTER, CLEANED / REINSTALLED TURBO FILTER, REPLACED SPINNER BACK		
			PLATE WITH NEW UNIT. ADDED 8 QTS SHELL 15W50 OIL		
			Michael E. Buesin A-P 1758050		
20 JULY 92	T = 826.60 SMOH = 145.45		Added 1qt SHELL 15W50 Sheldon Q. Buesin		
14 AUG	T = 843.21 SMOH = 162.06		Added 1qt SHELL 15W50 Sheldon Q. Buesin		
17 AUG	T = 861.48 SMOH = 180.33		Added 1qt SHELL 15W50 Sheldon Q. Buesin		
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 1993	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2-1	900	7	CHANGED OIL & OIL FILTER, CLEANED TURBO FILTER &		
SMOH.	219	5	SUMP SCREEN. CLEANED SERVO. COMPRESSION TEST,		
			#1 77/80, #2 75/80, #3 78/80, #4 77/80, checked MAG		
			TIMING. CLEANED SPARKPLUGS.		
			ANNUAL ^{2-1-93, 900-7} Inspection completed this date from 1 entry This aircraft/engine has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition <i>Michael E. Roswell</i>		
3-24-93	908	5	REVIEWED AD 93-05-01 - NOT APPLICABLE BY REASON OF		
SMOH	927	3	NON-INSTALLATION OF AC FUEL PUMP(S) - USES LEAK 16486 IN BT277		
			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.			
4-20-93	1-92	3-4	Added 1 qt SHELL 15W50 Sheldon D. Bueri ATP 765145		
5-10-93	2-42	2			
6-18-93	1-92	9-76	Added 1 qt SHELL 15W50 Sheldon D. Bueri ATP 765145		
6-30-93	1-94	0-17	CHANGED OIL & OIL FILTER, CLEANED TURBO FILTER, SUMP SCREEN AND INDUCTION		
			AIR FILTER, REPLACED SPARK PLUGS WITH NEW AND RECONDITIONED UNITS		
			COMPLIED WITH AD93-02-05 BY INSPECTION (PREVIOUSLY ACCOMPLISHED)		
			C/W AD 93-02-05 & LYC 58-342A (5/26/93) BY INSPECTION.		
			Sheldon A & P 179329		
			(ind)		
			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.			
7 AUG 93	T=957.15		Added 1qt Shell 15W-50 Sheldon O. Breen ATP765145		
20 AUG 93	SMOH=276				
	T=978.63		Added 1qt Shell 15W-50 Sheldon O. Breen ATP765145		
20 AUG 93	SMOH=297.5				
29 SEPT 93	T=987.95		Changed oil added 1qt 15W-50 Shell oil, changed oil filter, cleaned		
	SMOH=306.8		turbo oil filter and air filter, cleaned and lubricated Bendix		
			oil starter, Sheldon O. Breen ATP765145. Replaced spark		
			plugs with new and reconditioned units, S.O. Breen ATP765145		
3 NOV 93	T=998.20		Added 1qt Shell 15W-50 Sheldon O. Breen ATP765145		
	SMOH=317.6				
28 FEB 94	T=1021.31		Changed oil		
	SMOH=340.16				
			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 1994	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-12	1021	3	CHANGED OIL + OIL FILTER. COMPRESSION TEST #1 78/80		
SMOH	340	1	#2 77/80 #3 77/80 #4 78/80. RETIMED RIGHT MAG. REPLACED		
			4 EXHAUST GASKETS. CLEANED SPARKPLUGS A.D. 94-01-03 N/A		
			LEFT + RIGHT MAGS. A.D. 78-09-07 R3 DUE @ 1181		
			ANNUAL Inspection completed on 3-12-94. 10213. Item 1 engine oil oil service/engine and head inspected & satisfactory with ANNUAL inspection was performed by me as an authorized certified mechanic license # 1058050 AI		
6-27	1044	42	Added 1 qt Shell 15W50 oil Sheldon O. Bresin		
SMOH	363	22			
			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.			
1994					
13 SEPT	T=1063.57		Changed oil and oil filter, Changed turbo and oil pick up filters. Checked fuel injector filter screen. Replaced 8 qts Shell 15W-50 oil. Continued oil sample analysis program.		
	5170 H=382.03				
15 FEB 95	T=1079.58		Added 1 qt SHELL 15W 100 OIL		
	5170 H=398.3				
			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 1995	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-29	1084	9	CHANGED OIL + OIL FILTER, SERVICED WITH SHELL		
5MOH	403	7	15W-50W. COMPRESSION TEST #1 77 ⁶⁵ /80 #2 78/80 #3 76 ⁵ /80		
			#4 78/80, CHECKED MAG TIMING A.D. 78-09-07 R3		
			DUE @ 1181. REPLACED ALL FUEL + OIL HOSES		
			CLEANED FUEL FILTER + AIR FILTER.		
			ANNUAL INSPECTION COMPLETED THIS DATE AT 10284.7 HOURS. FOUND		
			THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH		
			ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
			Michael E. Rosenthal		
			AP 1758050 AI.		
			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.			
13 APR 95	TACH 1089	92	Added 1QT SHELL 15W50 Sheldon Q. Breen		
	SMOH	41632			
25 June 95	T=1114.53		Added 1QT SHELL 15W50 Sheldon Q. Breen		
	SMOH=433.52				
23 Aug	T=1127.73		CHANGED OIL & FILTER, Added 8QT SHELL 15W-50, CLEANED TURBO,		
	SMOH=446.53		SUCTION SCREEN AND AIR FILTER, CHANGED SPARK PLUGS.		
24 SEPT	T=1157.95		Added 1QT SHELL 15W50 Sheldon Q. Breen ATP65145		
	SMOH=470.75				
10 Oct	T=1165.02		Added 1QT SHELL 15W50 Sheldon Q. Breen ATP65145		
	SMOH=483.8				
18 Oct	T=1176.16		ADD SPARK PLUGS		
	SMOH=499.16		CHANGED OIL & FILTER, CLEANED TURBO FILTER, SUCTION SCREEN AND		
	SMOH 493.96		AIR FILTER, SERVICED WITH 8QT SHELL 15W-50. Sheldon Q. Breen ATP65145		
			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.			
12/21/95	T= 1199.52 SMOH= 518.22		Added 1 qt Shell 15W-50	Sheldon C. Buerin	ATP 765145 C.F.I.I.A.
03/18/96	TACH= 1219.34 SMOH= 538.14				
4-5-96	1219	3	COMPRESSION TEST #1 77/80 #2 76/80 #3 77/80 #4 78/80. Removed		
SMOH	538	1	L & R MAGS. INSPECTED IMPULSE COUPLINGS AS PER A.D 78-09-07 R3		
			RETIMED TO ENGINE, CHANGED OIL & FILTER. REPLACED EXHAUST GASKETS		
			CLEAN SPARKPLUGS. REPLACED Turbo mount RJ 0618-21 9/w S.B. 518C 9/w AD		
			93-02-05. FUELING LINES. ANNUAL		
			ANNUAL INSPECTION COMPLETED 4-5-96 1219.3		
			THIS STRUT ENGINE HAS BEEN INSPECTED IN ACCORDANCE		
			ANNUAL INSPECTION AND WAS DETERMINED TO BE IN EXCELLENT		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. W.D. Edwards AP 1758050-AI	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
06/10/96	1241	58	ADDED 1QT SHELL 15W50 Sheldon Q. Breen		
SMOH	5604				
06/27/96	1253	26	ADDED 1QT SHELL 15W50 Sheldon Q. Breen		
SMOH	5711				
07/16/96	1258	65	CHANGED OIL SPIN ON FILTER, REPLACED OIL WITH 8 QTS DEROSHELL 15W50.		
SMOH	5775		CLEANED TURBO OIL LINE FILTER, OIL SUMP SCREEN AND INDUCTION		
TOTAL	2377	5	AIR FILTER AND REOILED IT. REPLACED TURBO OIL RETURN LINE EXITING TURBO. REPLACED SPARK PLUGS WITH UNITS RECONDITIONED BY AIRCRAFT SPARK PLUG SERVICES. Sheldon Q. Breen ATP 765145		
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.			
09/05/96	T=1293.60 SMOH=612.15		Added 1qt Shell 15W-50	Sheldon Q. Breen	
10/24/96	T=1308.80 SMOH=627.55 PT=0427.45		CHANGED OIL, SPIN ON OIL FILTER, OIL - 8 QTS AEROSHELL 15W-50 CLEANED TURBO OIL LINE FILTER, OIL SUMP SCREEN, INDUCTION AIR FILTER AND REOILED IT, REPLACED SPARK PLUGS WITH NEW (BOTTOM) AND RECONDITIONED UNITS	Sheldon Q. Breen	DTP 765145 GENA
11/8/96			AD 96-23-03 NOT APPLICABLE - EFFECTIVE DATES FOR APPLICATION OF AFFECTED FUEL PUMPS DO NOT APPLY THIS ENGINE	Sheldon Q. Breen	765145
01/07/97	T=1340.09 SMOH=658.84 PT=2458.54		Added 1 QT SHELL 15W-50	Sheldon Q. Breen	
01/27/97			AD 97-01-03 NOT APPLICABLE BY REASON OF OVERHAUL DATE: 10/12/95		
			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.			
2/12/97	T=1354.39 SMOH=673.14		Added 1qt Shell 15W-50 Sheldon & Breese		
2/16/97	T=1361.25 SMOH=679.0 IT=2479.0		CHANGED OIL 8 QTS 15W50 AEROSHELL		
3-12-97	1361	25	Compression Test. #1 76/80 #2 75/80 #3 76/80 #4 76/80. Checked MAG Timing		
	SMOH=679.0		A.D. 96-12-07 (78-09-07R3) IMPULSE COUPLING DUE @ 1719. CLEANED Fuel Filter & AIR		
	IT=2479.0		FILTER. REPAIRED TURBO WASTE GATE & REINSTALLED WITH NEW GASKETS. Replaced		
			SPINNER bulkhead. CLEANED SPARKPLUGS. INSPECTED Fuel INJECTOR		
			Lines FOR SECURITY AS PER A.D. 93-02-05. A.D. 96-09-10 (S.S.81-18-04 R2) N/A		
			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 1997	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE
	Hrs.	Min.		
3-12	1361	25	Annual Inspection Completed This Date <u>3-12-97</u> At <u>1361.2</u> Hours. I Certify That This Aircraft/Engine Has Been Inspected IAW An Annual Inspection And Was Determined To Be In An Airworthy Condition Mike Passwater AP1758050AI <i>Mike Passwater</i>	
3-19	T-1375.16		Added 10 SHELL 15W-50 <i>Heldon D. Buesch</i>	
	SMOH=692.91			
			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.			
5-18-97	T=1413.26 SMOH=731.01		ADDED 1QT SHELL 15W50	Sheldon D. Breen	ATP765145
5-22-97	T=1413.26 SMOH=731.01		CHANGED OIL, SPIN OIL FILTER CLEANED TURBO OIL LINE FILTER, INDUCTION AIR FILTER, OIL SUMP SCREEN, ADDED 8 QTS SHELL 15W50, CHANGED SPARK PLUGS WITH RECONDITIONED UNITS, CHECKED FUEL CONTROLLER FILTER	Sheldon D. Breen	ATP765145
7-10-97	T=1428.60 SMOH=746.35		ADDED 1QT SHELL 15W50	Sheldon D. Breen	ATP765145
8-6-97	T=1450.40 SMOH=768.15		ADDED 1QT SHELL 15W50	Sheldon D. Breen	ATP765145
8-15-97	T=1462.45 SMOH=789.20		ADDED 1QT SHELL 15W50	Sheldon D. Breen	ATP765145
8-16-97	T=1409.68 SMOH=787.43 TT=2587.43		CHANGED OIL CLEANED TURBO FILTER, OIL SCREEN, INDUCTION AIR FILTER, REPLACED SPIN OIL FILTER, REPLACED SPARK PLUGS WITH RECONDITIONED UNITS. ADDED 8 QTS AEROSHELL 15W50		
			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.			
12-30-97	1497.85		Added 1 qt AEROSHELL 15W-50	Heldon A. Breen	
4-2-98	1508.28		COMPRESSION TEST #1 70/80 #2 70/80 #3 76/80 #4 77/80		
4-2-98	1508.28		Checked MAG		
5-1-98	1508.28		Timing, A.D. 96-12-07 due ON MAGS @ 1719. Replaced SPARKPLUGS, cleaned FUEL FILTER + AIR FILTER. INSPECTED FUEL LINES FOR SECURITY AS PER A.D. 93-02-05		
			Annual Inspection Completed		
			This Date <u>5-1-98</u> At <u>1508.2</u> Hours.		
			I Certify That This Aircraft/Engine		
			Has Been Inspected IAW		
			An Annual Inspection And Was		
			Determined To Be In An		
			Airworthy Condition		
			Mike Passwater AP1758050AI		

CHANGED TURBO INLET

AND OUTLET HOSES AND

FUEL SERVO TO SPIDER

HOSE

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.

[Signature]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-3-98	TACH=1529.59 TSMOH=848.34 T=1535.43		Added 1qt Shell 15W50	Sheldon D Breen	ATP765145
6-12-98	TACH=854.68 T=1551.99		Added 1qt Shell 15W50	Sheldon D Breen	ATP765145
8-6-98	TACH=870.74 T=1564.51		Added 1qt Shell 15W50	Sheldon D. Breen	ATP765145
8-14-98	TACH=883.26		CHANGED OIL FILTER (KH48103), CLEANED TURBO OIL FILTER, OIL PICK-UP SCREEN, AND INDUCTION AIR FILTER. REPLACED SPARK PLUGS WITH RECONDITIONED PLUGS.		
			ADDED 9 QTS AEROSHELL 15W50 Sheldon D Breen ATP765145		
8-18-98	T=1587.89 TSMOH=906.64		ADDED 1/2 QT AEROSHELL 15W50	Sheldon D. Breen	ATP765145
10-15-98	T=1598.10 TSMOH=916.85		ADDED 1/2 QT AEROSHELL 15W50	Sheldon D. Breen	ATP765145
10-19-98			AD 98-17-11 NOT APPLICABLE, ENG OVERHAUL PRIOR TO FEB 1, 1995 S.D. Breen		
11-2-98	T=1604.51 TSMOH=923.26		ADDED 1/2 QT AEROSHELL 15W50	Sheldon D. Breen	ATP765145
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.			
11-24-98	T=1617.86 SMOH=936.61 TT=2736.61		CHANGED TURBO, OIL FILTER, OIL SUMP SCREEN AND INDUCTION AIR FILTER, REPLACED OIL SPIN ON FILTER ADDED 8 QTS AEROSHELL 15W 50 OIL REPLACED SPARK PLUGS WITH NEW AND RECONDITIONED UNITS Sheldon Q. Breen ATP 65145 CFIIA		
11-25-98	T 1617	8	Checked Torque ON ROTARY FUEL PUMP SCREWS AS PER A.D. 98-18-12 RECHECK IN 50 HRS OR SIX MONTHS . A.D. 98-23-01 VIA VACUUM pump. Mile Passwater A+P 1758050		
03-11-99	T 1647 SMOH=966.74 TT=2766.74	99	ADDED 1 QT AEROSHELL 15W 50 Sheldon Q. Breen ATP 65145		
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.			
5-4-99	1648	7	OVERHAULED RJ0605-2 ¹ AIRBOX ^{W/O 30955} INSTALLED (WEBCO W.D. INV # 68582), INSTALLED OVERHAULED		
SMOH.	967	5	RAYJAY TURBOCHARGER RJ0326-2 S/N 020203 (APPROVED TURBO COMPONENTS W.D. # 17264)		
			INSTALLED NEW LORD MOTOR ASSY'S J-9613-19 IN BOTH LOWER POSITIONS		
			INSTALLED OVERHAULED HARTELL HC-132VL-2BS PROPELLER S.N. 2347E AERO		
			PROPELLER CO W.D. 4428. INSPECTED ENGINE. APPROVED FOR		
			RETURN TO SERVICE. <i>Milo [Signature]</i> AWP 1758050 AI		
5-11-99	T=1651	89	ADDED 1QT OIL AEROSHELL 15W50 DUE TO LOSS OF OIL IN PROPELLER		
			AND TURBOCHARGER DURING THEIR REMOVAL, OVERHAUL AND REINSTALLATION		
4 JUNE 99	T=1652	47	REPLACED ALL OIL, FUEL AND PNEUMATIC HOSES AHEAD OF FIREWALL.		
			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 1999	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-4	1652	4	COMPRESSION TEST. #1 65/80 #2 75/80 #3 76/80 #4 77/80.		
SMOH	971	2	checked MAG TIMING. A.D. 96-12-07 Due @ 1719.		
			CLEANED SPARKPLUGS, AIR FILTER & FUEL FILTER.		
			I CERTIFY THAT THIS ENGINE WAS INSPECTED IAW		
			AN ANNUAL INSPECTION AND WAS DETERMINED		
			TO BE AIRWORTHY. A.D. 98-12-12 c/w by RECHECKING		
			TORQUE ON FUEL pump. A.D. 93-02-05 Insp FUEL INJECTOR		
			Lines FOR SECURITY.		
			Mile base 1758050AI.		

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.			
6-21-99	T=1665.23 SMOH=980.26 TT=2780.26		CHANGED OIL, CLEANED OIL SCREENS, CHANGED OIL FILTER, CLEANED/RECOILED AIR FILTER. Sheldon Q. Bueri ATP 65145 ADDED 8 QTS AEROSHELL 15W50		
7-16-99	T=1681.45 SMOH=996.48		ADDED 1 QT AEROSHELL 15W50 Sheldon Q. Bueri ATP 65145		
9-4-99	T=1686.6 SMOH=1001.64		VACUUM PUMP REPLACED WITH OVERHAULED UNIT 21CC S.N. 84274 (RAPCO)		
10-22-99	T=1703.12 SMOH=1018.15		ADDED 1 QT AEROSHELL 15W50 Sheldon Q. Bueri ATP 65145		
11-3-99	T=1714.67 SMOH=1029.70 TT=2829.70		CHANGED OIL, CLEANED OIL SCREENS, CHANGED OIL FILTER, CLEANED/RECOILED AIR FILTER, ADDED 8 QTS AEROSHELL 15W50, RELOCATED SPARK PLUGS WITH RECONDITIONED SHOCKS. Sheldon Q. Bueri ATP 65145		
11-17-99	T=1714.67 SMOH=1029.70 TT=2829.70		Removed #1 CYL FOR REPAIR BY CORONA CYL W.O. 8174. REINSTALLED AFTER REPAIRS. INSP LEFT + RIGHT MAG IMPULSE COUPLINGS PER A.D. 96-12-07. NX due @ 2214. Replaced Points IN L+R MAGS. Mike Passwater ATP 1758050.		
			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.			
12-22-99	1733	56	ADDED 1QT AEROSHELL 15W50	Sheldon Q. Brien	ATP765145
3-18-00	1747	30	ADDED 1QT AEROSHELL 15W50	Sheldon Q. Brien	ATP765145
6-15-00	1757	01	CHANGED OIL WITH 8 QTS AEROSHELL 15W50, REPLACED SPIN-ON OIL FILTER, CLEANED AND REDEDICED INDUCTION FILTER, CLEANED TURBO INLINE OIL FILTER, OIL SCREEN AND FUEL SERVO FILTER, CHANGED SPARK PLUGS WITH RECONDITIONED UNITS. TIGHTENED DIP STICK HOUSING		
	2802	04	COMPRESSION #1 76/80 #2 77/80 #3 78/80 #4 78/80. Checked MAG Timing		
			A.D. 96-12-07 DUE @ 2214. Insp fuel pump screws A.D. 98-18-12. checked FUEL LINES FOR SECURITY per A.D. 93-02-05.		
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. _____

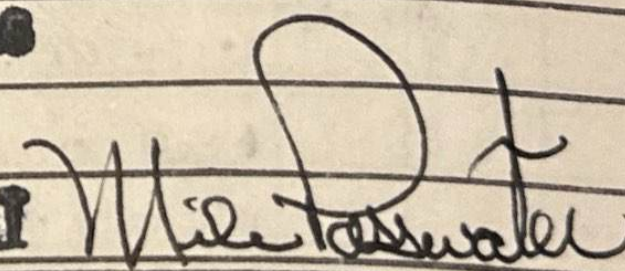
DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2000					
6-15	1757	0	Annual Inspection Completed This Date <u>6-15-00</u> At <u>1757.0</u> Hours. I Certify That This Aircraft/Engine Has Been Inspected IAW An Annual Inspection And Was Determined To Be In An Airworthy Condition Mike Passwater AP175R050AT <i>Mike Passwater</i>		
6-15	1757	0	REINSTALLED TURBOCHARGER S/N 090203 REPAIRED BY APPROVED TURBO COMPONENTS, W.D. No 19048, REPLACED COMPRESSOR WHEEL		
			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 2000	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7-28-00	T=1776.11 SMOH=1096.15		Added 1qt Aeroshell 15W50	S.D. Breen	ATP65145
8-4-00	T=1787.15 SMOH=1102.17		Added 1qt Aeroshell 15W50	S.D. Breen	ATP65145
8-28-00	T=1807.97 SMOH=1126.72		CHANGED OIL, OIL FILTER, SPARK PLUGS WITH RECONDITIONED UNITS, CLEANED		
	TT=2926.72		AIR FILTERS, TURBO OIL FILTERS, AND OIL PICKUP SCREENS	S.D. Breen	ATP65145
9-28-00	T=1826.02 SMOH=1144.37		Added 1qt Aeroshell 15W50 OIL	S.D. Breen	ATP65145
11-09-01	T=1848.50 SMOH=1167.31		Added 1qt Aeroshell 15W50 OIL	S.D. Breen	ATP65145
12-17-01	T=1854.51 SMOH=1173.26		CHANGED OIL WITH 8QTS AEROSHELL 15W-50, CH48103 OIL FILTER, SPARK PLUGS		
	TT=2973.26		WITH RECONDITIONED UNITS, CLEANED AIR FILTER/REOILED, TURBO OIL FILTER		
			AND OIL PICKUP SCREEN. S.D. Breen ATP65145, REPLACED TURBO OIL		
			RETURN LINE		
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.			
2001					
6-8	1863	0	COMPRESSION TEST. #1 77/80 #2 73/80 #3 78/80 #4 77/80. RETimed		
SMOH	1181	8	LEFT ENG MAG. Timing. Checked SPARKPLUGS, FUEL FILTER & AIR FILTER, A.D. 96-12-07 due @ 2214. Insp. Fuel Lines for security per A.D. 93-02-05. checked Fuel pump screws per A.D. 98-18-12.		
			Annual Inspection Completed		
			This Date <u>6-8-2001</u> At <u>1863.0</u> Hours.		
			I Certify That This Aircraft/Engine		
			Has Been Inspected IAW		
			An Annual Inspection And Was		
			Determined To Be In An		
			Airworthy Condition		
			Mike Passwater AP1758080AI		
			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 _____

Service Bulletins, Letters, Instructions & A D Notes

\$

TEXTRON Lycoming

Williamsport Plant
Textron Lycoming/Subsidiary of Textron Inc.

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

ENGINE SERIAL NUMBER

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IN SERVICE DATE

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 ENG.

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T.T.

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

- LYC. SERVICE BULLETIN 501B CHECKED; A.D. 92-12-05 NOT APPLICABLE DUE TO SERIAL NO. SCHEIN
- AD 92-20-07 NOT APPLICABLE BY REASON OF S/N "MAKE" AND DATE OF FUEL PUMP
OVERHAUL SCHEIN 6 Oct '92
- AD 93-02-05 COMPLIED WITH BY LYCOMING DURING ENG. OVERHAUL - CONFIRMED BY INSPECTION
SCHEIN 28 June 93
- AD 93-11-11 NOT APPLICABLE BY REASON OF MAKE AND TYPE OF FUEL PUMP -
PUMP IS MADE BY LEAR AND IS ROTARY TYPE - SCHEIN 30 June 1993

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

AD 96-13-03 - NOT APPLICABLE - INSTALLATION DATE OF FUEL PUMP PRECEDES DATE WHEN

AFFECTED FUEL PUMPS WERE UTILIZED Sheldon & Brier ATD 165145

AD 96-09-10 - NOT APPLICABLE PER LYCOMING S.B. No 524 BY REASON OF LYCOMING
OVERHAUL DATE (POST 31 MARCH 1985) AND SERIAL NOS LISTED IN LISTS I & II OF
LYCOMING S.B. No 524

AD 94-01-03 NOT APPLICABLE PER INSPECTION

AD 97-01-03 NOT APPLICABLE PER OVERHAUL DATE - NO SUBSEQUENT CYLINDER MAINT.

AD 97-15-11 NOT APPLICABLE DUE TO DATES FOR APPLICABILITY

AD 98-17-11 NOT APPLICABLE DUE TO OVERHAUL PRIOR TO 1 FEB 1995

AD 98-18-12 COMPLIED WITH USING TORQUE TEST ON FUEL PUMP SCREWS

AD 98-23-01 NOT APPLICABLE TIMING OF INSTALLATION OF VACUUM PUMP AND INSPECTION

AD 98-17-11 NOT APPLICABLE BY DATE OF ENGINE OVERHAUL Sheldon & Brier ATD 165145

LYC S.B. # 1492B HISTORY OF WEAR FROM REPETITIVE OIL ANALYSES (SHE INTERVALS) SHOWS NORMAL

WEAR S.D. Brier ATD 165145 11-17-99

