TEXTRON Lycoming

ENGINE LOG

SSP 1872

TEXTRON Lycoming

TLRED-489
(Rev. 3-93)

Reciprocating Engine Division/
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-360-C1C
Serial #: L-3999-51A
Total Time: 3156.07
Work Order #: MPS048873
Date Completed: 4/28/94

Authorized Signature [redacted]
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

EN

Mfgr.	TEXTRON LYCOMIN
Type	
Rated H.P.	
Rated R.P.M.	
Bore	
Compression Ratio	
Reduction Gear Ratio	
Propeller	
Blade Design	
Max. Hub H.P.	
Pitch	
Name	
Address	

RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE

Model IO-360-ESL Serial No. L-3994-51A ENPL No. 14-8612

Order No. MP5043873 T. C. No. 1E10 Date 4/27/14

PART NAME	PART NUMBER	QUANTITY	MANUFACTURER OR MODEL	SERIAL NUMBER	SETTING OR CODE NO.
CARBURETOR					
INJECTOR	LW10407-85	1 O/H	PRM	72752	2524450-9
GENERATOR					
ALTERNATOR					
MAG. — LEFT	66G2155FNN	1 NEW	4ST2	94020003	
MAG. — RIGHT	66GP 05ANN	1 NEW	4570	940R0068	
MAG. — DUAL					
STARTER	LW15571	1 NEW	M2422	4320580	
FUEL PUMP	LW15473	1 NEW	LVE	NA	
IGN. HARNESS L	67P20417	1 NEW	M4021		
R	67P20418	1 NEW	M4032		
SPARK PLUGS	1123 E7	8 NEW	[illegible]		
REDUC. GEAR					
TURBOCHARGER					
BY-PASS VALVE					
DENSITY CONTR.					
PRESS. CONTR.					
VOLTAGE REG.					
OIL COOLER					
INTERCOOLER					
LUECO					
				C of A Issued	
All Accessories Listed Are (Zero) 0 Time Since New Or (Zero) 0 Time Since Overhaul.				Date [illegible]	

X

[redacted]

4/27/14

ET-001 (Rev. 1/94)

Western Skyways, Inc.

21 Creative Place
Montrose, CO 81401
CRS NO. WS9R575J

W/O NO. 18505 MODEL RSA 5AD1
PART NO. 2524480-4 S/N NO. 72752
PART NAME Servo Fuel Injector TT UNK TSO UNK
REMARKS Bench Tested ONLY - ckd Good IAW 15-3516 -

SERVICEABLE

Date 04-06-05 Signature [redacted]

FORM 101

Western Skyways, Inc.

21 Creative Place
Montrose, CO 81401
CRS NO. WS9R575J

W/O NO. 18505 MODEL Bendix
PART NO. 2524232-2 S/N NO. 40576
PART NAME Flow Divider TT UNK TSO UNK
REMARKS Bench Tested IAW 15-5402 Tested Good -

SERVICEABLE

Date 04-06-05 Signature [redacted]

FORM 101

SERVICEABLE PART

Manufacturer TEXTRON LYCOMING
Part Name AIRCRAFT ENG
Model IO-360-C1C
Part No.
Serial No. L-3999-51A

Remarks:

The aircraft engine or accessory identified above was:

- ☐ REMANUFACTURED / REBUILT
- ☒ OVERHAULED
- ☐ 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. MP5048873

Date 4/28/94

Signed [redacted]
Signature of Authorized Person

FOR: TEXTRON Lycoming
Reciprocating Engine Division
Subsidiary of Textron Inc.
652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

FAA REPAIR STATION #EJ1R115K No 33402

Form 302

SERVICEABLE

1. Authority Name and Address: FAA/UNITED STATES
2. AUTHORIZED RELEASE CERTIFICATE
3. Form Tracking Number: 117328
4. Organization Name and Address: RAPCO, Inc. 445 Cardinal Lane, Hartland, WI 53029
5. Work Order, Contract, or Invoice Number:

6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status/Work
1	Vacuum Pump	[redacted]	TBV BY INSTALLER	1	117328	Overhauled

13. Remarks:
Overhauled in accordance with Process Specification # 293-6-1089

14. Certifies the items identified above were manufactured in conformity to
☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 13

15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 15, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:
16. Approval Authorization No.:
17. Name (Typed or Printed): [redacted]
18. Date (mm/dd/yy): 4/28/94
19. Approval/Certificate No.: NE5R064N
20. Date (mm/dd/yy): 3-1-05

FAA Form 8130-3 (06-01) *Installation shall not close check eligibility with applicable technical data
NSN 0052-00-017-4003

MAINTENANCE RELEASE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

Pertinent details of this repair are on file at this repair station under Work Order Number 18505 Dated 04-06-05

Signature [redacted]
(for)

Western Skyways, Inc.

21 Creative Place
Montrose, CO 81401
CRS NO. WS9R575J

MAINTENANCE RELEASE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

Pertinent details of this repair are on file at this repair station under Work Order Number 18505 Dated 04-06-05

Signature [redacted]
(for)

Western Skyways, Inc.

21 Creative Place
Montrose, CO 81401
CRS NO. WS9R575J

FAA FORM 8130-3
Airworthiness Approval Tag
User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

IT IS RECOMMENDED THAT THE AIRCRAFT OWNER BE FAMILIAR WITH ENCLOSED FAA PUBLICATION, P-8740-52 AFS 800-0887 "THE SILENT EMERGENCY SYSTEM MALFUNCTION"

Form No. T-001 (Rev. 8/89)

Cell No. 2-1 Date 4-26-94
Engine No. L-17998-36A Lyc. Test Spec. 634
Model Code [illegible]
Fuel System Serial [illegible]
Setting No. 2524450-9
Fuel System Curve No. [illegible]
Ignition Serial Nos:
Left 9402.5093
Right 9402.8068
Type of Run [illegible]

TEXTRON Lycoming

Reciprocating Engine Division

PRODUCTION MANUAL ENGINE TEST LOG

IGNITION TEST

Both Mags 2410 Left Mag. 2131
Both Mags. 2200 Right Mag. 2199
Acceleration Check OK
Idle Cut Off Check OK

PRE-OIL
Oil Temp. [illegible]
Pre-Oil Press. [illegible] PSI
Oil Pr. At Idle [illegible]
Oil Consumption Lb/Hr. [illegible]
Time of Barometer Reading [illegible]
Barometer Reading — In. HG [illegible]

Preservation - LPS 486
Part 3.2 Test

Sig. [illegible]

Engine Tested With Float Bowl Connected To Fuel Pump Inlet [illegible]

ENGINE TESTED & ACCEPT[redacted] Tester Signature 4-27-94 Date

Time		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Start Run	Start Read	Spec Set Point	Eng Spd Rpm	Deck P In Hg'	Noz P In Hg	Man P In Hg	Orif P In Hg	Oil P Psi	Fuel P Psi	Orif Dp In H20	Orif T Deg F	Deck T Deg F	Fuel T Deg F	Oil T Deg F	Exh T Deg F	Fuel Cons Lbs/Hr	Vent Flow Lbs/Hr	Head T. No. Deg F	Teo P2 Psi
1430																			
1445	1448	1300	1235		—	12.4	27.3	66	24.0	—	78			153		18.1		239	
1450	1454	1600	1831		2.0	18.1	55.3	76	25.6	3.0	78			170		32.4		283	
1500	1501	2200	2203		5.0	20.6	22.8	79	31.1	4.4	78			186		85.5		231	
1510	stop																		
0720																			
0725	0728	idle	654		—	11.9	28.3	59	24.6	—	67			84		5.0		176	
0730	0733	2500	2025		7.0	30.1	28.5	81	32.4	4.0	67			135		48.5		258	
0735	0738	900	2307		8.7	24.7	27.2	84	22.6	13.3	71			188		74.1		311	
0740	0743	400	2467		13.6	27.0	28.5	82	33.0	18.8	71			189		92.0		296	
0745	0758	Rated	2700		16.8	26.8	28.5	83	36.7	18.7	72			187		97.9		[illegible]	
0800	0803	idle	685		—	10.2	28.2	58	[illegible]	—	71			182		5.0		200	
0805	stop																		

REMARKS: [illegible]

W.O. 48873 8612 6 10 94

The following minor variations to the applicable engine test specifications were observed during this test and determined to be acceptable "as is". The acceptance of these variations will not affect airworthiness or function of the engine.

Variations

1.
2.
3.
4.

Engr. ______ Q.C. ______ Date ______