

TEXTRON

Subsidiary of Textron Inc.

Lycoming652 Oliver Street
Williamsport, PA 17701 U.S.A.

RECORD of ACCESSORIES

AND

MAJOR PARTS SHIPPED with ENGINE

Model No: O-360-A4M

Serial No: L - 37908-36A

Enpl: ENPL-8863

Order No: PL0830017

TC No: 286

Date: 11/10/00

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR	LW-15380	PAM	75110303	10-5193
INJECTOR		PAM		
LT ALTERNATOR		ESI		
RT ALTERNATOR		ESI		
MAGNETO LEFT	66GC25SFNN	SLICK	00081531	
MAGNETO RIGHT	66GP-OSANN	SLICK	00101046	
MAGNETO DUAL				
LASER IGN CONT.		SLICK		
STARTER				
FUEL PUMP				
IGN HARNESS L	67P20429	SLICK		
IGN HARNESS R	67P20428	SLICK		
LASER IGN HARNESS		SLICK		
SPARK PLUG	1182-E7	CHAMPION		
LT TURBOCHARGER				
RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER		NIAGRA DEV.		
#2 INTERCOOLER		NIAGRA DEV.		

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.

All accessories are new unless part number is succeeded by -85.

Cylinders: Plain Steel _____
Nitrided Barrels (Blue) _____

46

C of A Issued

Date _____

NOTE: Form to be used on all New, Overhauled, Remanufactured Engine Models.

Released: Inspector _____

46

Date: 11/10/00



Engine Model No: **O-360-A4M**Engine SN: **L-37908-36A**

Page 1 of 2

AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2000-18-53 543	A	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT NEW GASKET INSTALLED	50 HR		X	2	
59-10-07 254		CYLINDER BAFFLE CLAMPS BAFFLE HOOKS INSTALLED	N/A	X		1	(46)
64-16-05 298		AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	X		1	(46)
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A	X		1	(46)
73-23-01 367	F	INSP FOR CRACKS IN PISTON PINS INST NEW PARTS	N/A	X		1	(46)
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A	X		2	
79-04-05 433	A	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A	X		2	
79-10-03 1380	R2	ENGINE MOUNT TORQUE FIELD COMPLIANCE	100 HOURS	X		2	
79-15-02 434		MARVEL-SCHEBLER BULLETIN #1A-79 NEW P/N INSTALLED	N/A	X		2	
80-04-03 446	R2 C	OIL ADDITIVE DRY SUMP DELIVERED	WHEN OIL INST.		X	2	
80-14-07 447	B	INSPECTION OF UPPER EXH. VALVE SPRING SEATS PART W/CURVED P/N INSTALLED	N/A	X		2	
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A	X		1	(46)
90-04-06 488	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A	X		2	
91-14-22 475	B	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES NEW P/N INSTALLED	N/A	X		1	(46)
92-12-05 501	B	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A	X		1	(46)
93-11-11 N/A		AC, TEXTRON LYC FUEL PUMP O/H BY AERO ACCESSORIES NEW AC F/P INST. WHEN APPLIC.	N/A	X		1	(46)
94-01-03 N/A	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS NEW CONFIGURATION PART INST.	N/A	X		1	(46)
94-06-09 517		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS NEW CONF. CAPACITORS INSTALLED	N/A	X		1	(46)
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X		1	(46)
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE REBUILT AT MANUFACTURER	N/A	X		2	

Codes:

1 AD Applicable to Engine

2 AD Not Applicable to Engine



11/10/00

Page 2 of 2

Engine Model No: O-360-A4M

Engine SN: L-37908-36A

AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
96-09-10 524		REPLACEMENT OF OIL PUMP IMPELLERS STEEL IMPELLERS INSTALLED	N/A	X		1	46
97-15-11 527	C	RECALL OF PISTON PIN P/N LW-14077 NEW CONFIGURATION P/N INST.	N/A	X		1	46
98-02-08 505	B	INSPECTION OF CRANKSHAFT ID FOR CORROSION MAG INSP./APPLY URETHABOND 104	N/A		X	2	
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A	X		2	

are not adhering to certain air filter maintenance instructions as set forth by aircraft manufacturers. This shows up in complaints on parts removed from service before their normal service life was expired. In practically all of these cases analyzed by our laboratories, deposits have been found which convincingly prove the engine has been operated after dirt has entered the engine through the carburetor.

The purpose of the carburetor air filter is to remove dirt and abrasive particles from the air before it enters the carburetor. When the carburetor air filter has not been properly maintained, the result is the same as operating without a filter. The direct consequences of dirt entering the engine is worn piston rings and excessive ring groove wear. As ring groove wear progresses, ring breakage will eventually result.

Too much emphasis can not be put on the importance of keeping ground operation at a minimum. On some installations the air coming into the carburetor can be greatly improved by placing the carburetor air filter where the exhaust air heat is absorbed. The only other air

carburetor air heat should be used in this case. The ground air filter should be replaced on the ground while the engine is off. If the hot air that is the carburetor is heated with a filter, it too must be maintained in the same manner and with the same frequency as the carburetor air filter. It is recommended the operator run up his engine on a hard surface ramp or where dirt is at a minimum.

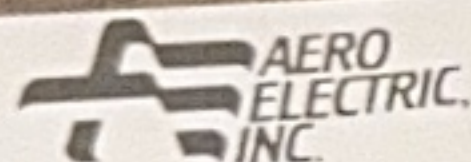
It is also imperative that the carburetor air filter be properly installed. It is the policy of the air filter manufacturer that the air filter be installed in the carburetor. If there are any holes in the installation between the air filter and the carburetor, the same problem will exist.

There are many types of carburetor air filters in use in installations which are operating engines. Some are of the type that are used in all types of engines. The two other types of carburetor air filters are a different type and the following protection is a general recommendation. The engine manufacturer should be consulted for the correct type of carburetor air filter.

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine





CUSTOMER COPY

AIR PLAINS SERVICES CORP.
INSTALLED BY (INSTALLING AGENCY)
WELLINGTON AIRPORT
WELLINGTON, KS 67152 CITY, STATE, ZIP
Air Plains Services Corp
AERO ELECTRIC DISTRIBUTOR
Bill Barry
REGISTERED OWNER
100 Post Oak Trail Athens GA 30606
ADDRESS CITY, STATE, ZIP
A/C MODEL & TYPE Cessna 172M N# 536JR
DATE INSTALLED 3-30-01 A/C HOURS WHEN INSTALLED TT: 1082.85
DATE REMOVED A/C HOURS WHEN REMOVED

THIS SECTION TO BE COMPLETED AND SENT TO FACTORY WITH CLAIMED
WARRANTY UNIT. INFORMATION MUST BE COMPLETE.
AERO ELECTRIC DOES NOT AUTHORIZE ANY FIELD REPAIRS.

1. Organization U.S.A. Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. A-158158	
5. Work Order, Contract, or Invoice Number A-181767		6. Item 1 ALTERNATOR		7. Description DOFF10300-J	8. Part Number * 1
9. Eligible A-158158		10. Quantity OHC		11. Serial/Batch Number	
12. Status/Work					
13. Remarks *To be verified by installer. See W/O. OVERHAULED & CERTIFIED. Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. ☐ New ☐ Newly Overhauled Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in Block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		Return to Service in Accordance with FAR 43.9 Certifies that the work specified in Block 13 (or attached) was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.		20. Authorized Signature JEFFREY JELLEY	
17. Name (Typed or Printed)		18. Date		21. Certificate Number NV2R045L	
				23. Date NOV 21 2000	

DETACH THIS PORTION AND KEEP PRECISE FLIGHT PULSELITE® (VCLS) OWNER'S WARRANTY RECORD

Owner's Name Bill Barry
Address 100 Post Oak Trail Athens GA 30606
City State Zip Phone
Installer's (Dealer) Name Air Plains Services Corp.
Address Wellington Airport Wellington Ks 67152
City State Zip Phone
Date of Purchase 3-30-01 PULSELITE® MOD. NO. 1210 Serial No. J04793

If assistance is needed, contact your PULSELITE® INSTALLER (Dealer) or the PRECISE FLIGHT, INC. Service Department at:

PRECISE FLIGHT, INC.
63120 Powell Butte Rd.
Bend, Oregon 97701
(541) 382-8684 or (800) 547-2558
Website: www.preciseflight.com

FAA/PMA APPROVED

THIS STARTER WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303(h) UNDER AUTHORITY OF PMA NO. PQ852SW AND IS AIRWORTHY. THIS STARTER IS FAA/PMA APPROVED AND IS ELIGIBLE FOR INSTALLATION ON LYCOMING 235, 290, 320, 360, 540, & 541 SERIES ENGINES. ENTER STARTER MODEL, SERIAL AND DATE OF INSTALLATION. ATTACH THIS TAG TO ENGINE LOGBOOK.

MODEL 149-12LS SERIAL F2L-650135
DATE OF INSTALLATION 3-30-01

TEXTRON Lycoming

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

FINAL ENGINE ACCEPTANCE

Eng. Serial No. L-37908-36A
Inspector NOV 9 2000
Date