

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

1



SERVICEABLE PART

Manufacturer Textron LLC, Div.
Part Name AIRCRAFT ENGINE
Model IO-360-A306
Part No. _____
Serial No. L-189J-57A

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. PL0205905

Date 4/11/19
S.F.

Signed _____
Signature of Authorized Person

FOR: **TEXTRON Lycoming**

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

FAA REPAIR
STATION #EJ1R115K

51929

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING TD-360-A386 L-1893-51A
MAKE MODEL SERIAL
FROM 18 FEB 20 MAY 19 99 TO _____ 19 _____
DETAILING TIME FROM 4332.6 TO _____
HOURS HOURS

SSP 1872-1

October 1994

TEXTRON Lycoming

TLRED-489
(Rev. 10-96)

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

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: IO-360-A3B6
Serial #: L -1893-51A
Total Time: 4332.6
Work Order #: PL0205905
Date Completed: 4/1/99

Authorized Signature S. F. [Signature]
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date	
Type	Model	Serial No.	
Rated H.P.	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	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

T.T.: 4332.6

S.M.OH.: 0.0

DATE: 06-22-99

License
Number

INSTALLED THIS ENGINE ON 1977 MOONEY M20J, N201QG S/N 24-0340.
SERVICE WITH 12 QTS 100 MINERAL OIL. REPLACED LORD MOUNTS, P/N
J9612-8 (4 EACH) & J7763-1 (4 EACH). REPLACED PROP GOVERNOR, WITH
OVERHAUL UNIT, P/N C290D5K/T24 S/N 783813. REMOVED & REINSTALLED
REPAIRED MUFFLER & STACKS, SEE TAG. A.D.'S CHECKED THRU BIWEEKLY
SUPPLEMENT 99-12.

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

PRECISION AIR, INC., FAA REPAIR STATION #PB4R434M
RT. 8, BOX 685, MANNING, SC 29102 803-478-4764

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS AGENCY UNDER WORK
ORDER NO. 001599 & 001614 DATE: 2-18-99 & 5-20-99

SIGNED:

INSPECTOR: _____

ENGINE LOG

Serial No. _____

T.T.: 4332.6

S.M.OH.: 0.0

DATE: 07-13-99

License
Number

— INSTALLED MCCAULEY PROPELLER MODEL B3D36C424-C/74SA S/N 990156,
— I/A/W STC NO. SA195CH, SEE 337 DATED 7-12-99.

— THE COMPONENT IDENTIFIED HEREIN WAS REPAIRED AND INSPECTED IN
— ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS
— APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIR ARE ON
— FILE AT THIS AGENCY UNDER WORK ORDER NO.: 0712

— DATE: 7-12-99

— PRECISION AIR, INC., FAA REPAIR STATION #PB4R434M
— ROUTE 8, BOX 888, MANNING, SC 29102

— TECHNICIAN: _____

— INSPECTOR: _____

Brought Forward

Total to Date

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			
7-14-00			CK ADS ON ENGINE THROUGH 97-ANE-42 NONE APPLICABLE CONDOR -78-78-78-79 OIL FILTER, OIL SAMPLE TAKEN, CH & GAP PLUGS, RETIME BOA MAGS TO 20 BTDC, RESEALTY ALT MOUNT, TIGHTEN LOOSE FUEL LINE, REP RH SIDE BARS LINK MATERIAL, REM ON COOLER & PRESS CK CLEAN OUT, R&R CH & EGT PROBES INOP, R&R Prop GOVERNOR AFTER SURGING REPAIR VETO RQVE TOP ENG MOUNT, 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		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			I CERTIFY THAT THE FOLLOWING AIRCRAFT/ <u>N201QG</u> HAS RECEIVED AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION THIS DATE/ <u>7-14-00</u> TIME/ <u>3524.9</u> ARNOLD BORRESON (A) <u>2561940</u>		
<u>8-23-00</u>			<u>R&R prop GOVERNOR PRECISION</u> <u>PROPRIETARY SUBCONTRACTOR, RESET</u> <u>TOTAL RPM UP, REINSURE GOVERNOR AFTER</u> <u>TEST RUN TO STATIC RPM - (CR) 2561940</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			
23 MAR 01			S.B. NO. 549 N/A BY S.N. JCH		
8/21/01			AD NOTE 2000/18/53 OIL FILTER COVER PATE N/A	<i>[Signature]</i>	2561940
8/21/01			NO OTHER ADS THIS DATE & TIME -	<i>[Signature]</i>	2561940
8/28/01	3	58	CH OIL & FILTER 50 SHELL ADD LYC ADDATIVE, RETUNE BOTH MAGS TO 20° CHG INTJ SCREEN, CL & GAP PLUGS, CHG 16N HARNESS ENDS, REP HEATER INLET HOSE, COMP TT-75-72-78 OPEN & INSPECT FILTER, PRESS CK FUEL SYSTEM, END		
I CERTIFY THAT THE FOLLOWING AIRCRAFT/ <u>N 201 QG</u> HAS RECEIVED AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION THIS DATE/ <u>8-28-01</u>					
TIME/			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
ARNOLD BORRISON			Repair Forward		
			Total to Date		

ENGINE LOG

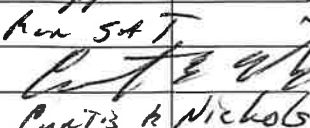
Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number	
	Hrs	Min				
9/1/02	36	52.7	CK MAG TIMING, REP AIR FILTER REPAIR. ALTERNATOR AIR DOOR SEAL, CH OIL & FILTER INSP FILTER (OK) CW AD 93-2-5 BY INSP OF INJECTION LINES, CUMPS, ETC, COMP CK - 74-76-78-78 END I CERTIFY THAT THE FOLLOWING AIRCRAFT/ <u>201QG</u> HAS RECEIVED AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION THIS DATE/ <u>9-1-02</u> TIME/ <u>3652.7</u> ARNOLD BORRESON MA <u>2561940</u>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> ELT EXPIRES. 10.-05 </div>		
			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. _____

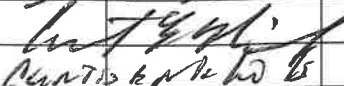
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ler

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1902703			Tach Reads: 3728.77 Diff. Comp Check Complete with Following Results #128 #278 #378 #478 OVA 80 DRAWN oil, Insp Replaced 891 ROTAR CH48110 Reasoned with Aero shock 100 with Lycoming Additive, Insp Cleaned Reboxed TASTED + Rotated Spark Plugs Engine Ground Run SAT TACH TIME 3728.77 TOTAL TIME 4615.55	 Curtis K. Nichols	
			I CERTIFY THAT THIS AIRCRAFT <u>ENGINE</u> PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION HAS BEEN FOUND AIRWORTHY. Curt K Nichols	Curtis K. Nichols A157856384821A	
			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			
1 NOV 04			Tech Reads: 3756.7 Oil- ² Comp Check Completed with Following Results #178 #272 #371 #474 DRAMBO DRAWN Oil, Insp Replaced oil FILTER P/N CH-4B110-1 Reassembled with 7 QTS Amsoil 100 with by coming Additive. Insp Capped Tested and ROTATED SPARK PLUGS Engine Ground Run SAT	 CURTIS KENTON B A+516573840 F/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	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p>ATTACH TIME 375611</p> <p>I CERTIFY THAT THIS AIRCRAFT engine ENGINE PROPELLER</p> <p>HAS BEEN INSPECTED IN ACCORDANCE WITH FAA ANNUAL</p> <p>INSPECTION HAS BEEN FOUND AIRWORTHY.</p> <p><i>Curtis E Nichols</i></p> <p style="text-align: center;">CURTIS E NICHOLS</p> <p style="text-align: center;">MP 519-56-3842 1.A</p>		
			<p>3JAN06 Tech Recd: 378638 diff comp. check completed with following results</p> <p>#1 77 #2 76 #3 76 #4 76 OIL 80, drained oil, Oil Sample TAKEN, Insp</p> <p>Replaced oil Filter PJNCH 48110 - Basan 6 70 QTS Amashell 15W50</p> <p>Insp. Ground Gapped Treated + Rotated spark plugs Engine Grounded insp</p>		
			<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	<p><i>Curtis E Nichols</i></p> <p>APP 519-56-3842</p> <p><i>if</i></p>

ENGINE LOG


Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3 JAN 06	7	38	Tach Reads: 3786.38 I certify that this engine has been insp'd 340.56 Insp I/A/W An Annual Insp and found to be Airworthy	<i>[Signature]</i>	A1570363431A
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					



3
r
Date

License
Number

Date: 2/16/2007	<p>Performed annual inspection using Mooney inspection guide, FAR 43 appendix D, and local checklist as a guide.</p> <p>Performed compression check with the following results: #1 72/80 #2 71/80 #3 72/80 #4 70/80. Drained oil. Removed filter, cut, and inspected for contaminants. None noted.</p> <p>Installed new filter p/n: CH48110-1 and safetied. Serviced engine with 7 quarts Aeroshell 15w50. Complied with A.D. 2002-26-01 by inspection of fuel injection lines. Next due 2/08 or T.T: 3911.24. Cleaned and gapped spark plugs. Checked mag to engine timing. Cleaned air filter.</p> <p>I certify that this engine has been inspected in accordance with an annual inspection and is approved for return to service.</p> <p style="text-align: center;"> Michael L. Bass A&P246319473IA</p>
N201QG	
Tach: 3811.24	
TTAF: 3811.24	
SMOH: 365.42	
TTE: 365.42	

ENGINE LOG

Serial No. _____

Fisher Aviation Inc
210 Kestrel Drive Hgr 3B
SpringBranch Texas 78070
210-240-3987

Date:2-16-09
N number:N201QG
Tach Time: 3873.37
TSMOH:426.48

License
Number

Removed engine for repair by Western Skyways W/O # 23969. Reinstalled engine serial # L-1893-51A on aircraft N201QG using new lord mounts and bolt and nuts. All accessories reinstalled with new gaskets. Reinstalled and torqued prop. All work done IAW Mooney service and parts manual and Lycoming direct drive overhaul manual. Serviced with 8qts aeroshell 100 mineral oil. Ran engine all systems check and leak check normal.

[Signature]
Ron Fisher IA 467065731

			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	



WESTERN
Skyways
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R575J

Engine Model: IO-360-A3B6

Serial Number: L-1893-51A

Time: 450.0 TTE Hrs.

Work Order: 23969

Date: 01/19/2009

License
Number

This engine was disassembled for a crankshaft change per MSB 569A. All parts were cleaned and inspected. Crankshaft S/N: V53797026 was replaced with S/N: V537950879. Engine was reassembled using Lycoming Kit P/N: O5K23609; new rod and main bearings, rod bolts and nuts, and gaskets. Honed and re-ringed cylinders P10, installed New pistons P/N: AEL10207P10, NEW piston pins P/N: LW-14078 and replaced 1 ea. exhaust stud. Installed Aircraft Specialties Services, Inc. overhauled camshaft P/N: LW-18840 and overhauled lifters P/N: 72877. Complied with AD 2002-20-51 by the installation of bolt P/N: STD-2246 as supplied in Lycoming Kit O5K23609. Repaired fuel servo S/N: 6617 and complied with AD 2008-08-14 per PRS-107 Rev. 4. No work was done to remaining accessories. Inspected and repaired Slick magnetos S/N: 98120215 and 99020523 per Slick SB 2-08A and SB 3-08A. Engine was run in a test cell for leak and operations check. All work was done per Lycoming Overhaul Manual 60294-7-12, Table of limits and applicable Service Bulletins.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this repair station under above work order.

Signed: 

Total to Date

Authorized mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

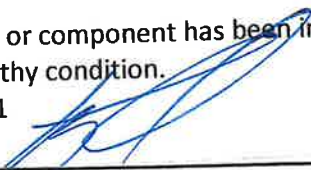
FISHER AVIATION INC
867 ELM VALLEY DRIVE
BULVERDE TEXAS 78163
210-240-3987

DATE:9-23-09
REGISTRATION #:N201QG
TACH TIME:3876.46
TOTAL TIME:3876.46
TSMOH:429.57

ie
3r

Accomplished an Annual inspection IAW Mooney service manual. Differential compression test #1 79/80 #2 78/80 #3 79/80 #4 78/80. Checked mag timing. CW AD 08-14-07 external fuel line inspection. Oil and filter not replaced at this time. Inspected engine and components for security and leaks. Ran engine all systems check normal.

I certify that this aircraft or component has been inspected in accordance with an Annual inspection and found to be in an airworthy condition.
Ron Fisher IA 467065931



		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	

27 APR 10 ENG. Log Entry N201QG

Date

TACH 3897:36

ense
umber

Engine cowlings removed to make
a VISUAL CK ON Eng + CONTROLS.

Eng. oil drained and oil filter removed
for inspection all OK. Installed new CH4810-1
and serviced Eng. with 7qts AeroShell 100w plus.
lower oil screen removed and inspected
No FOD Found. Engine Run Completed

Thurs 27 APR 10
AP 97280073

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
18 Nov 18	3	2	Engine starter in op. Removed Starter Installed P/N M74222R SN H-K 100306, ops OK Tins <i>[Signature]</i> A# 97780073		
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			
2/25/11	4	03.99	CHANGED OIL + REPLACED OIL FILTER # CH 48110-1		
	5	42.15	LAIDL GEAR INDICATED		
			REPLACED 3 BLS BENTONITE WITH PLUS		
			IN ACCORDANCE WITH MANUFACTURER SERVICE MANUAL		
			RUN UP ENGINE - NO LEAKS	James B. M. P. JEL	3181588
5/10/11	4	05.45	CHANGED & REPLACED OIL FILTER CH 48110-1		
			LAIDL GEAR INDICATED		
	6	38.56	REPLACED 3 BLS BENTONITE WITH PLUS		
	5	00.44	IN A/FI MONEY SERVICE MANUAL RUN UP ENGINE - NO LEAKS	James B. M. P. JEL	3181588
			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		

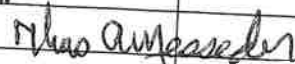
ENGINE LOG

Serial No. _____

Roll Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4 NOV.	4	18.5	25 TACH		
	7	38	36 SMOH		
			Engine couplings removed for the annual inspection. Engine washed. Eng. oil drained. Oil filter removed and inspected. Installed new CH48110-1 filter, serviced Eng. with Safs Aero Shell 15W50. Engine inspected I/O for a 100 hr inspection. STARTER motor section of STARTER. removed FWD baffles to gain access to starter. Re-torqued 4 bolts. Motor of STARTER OK. Found STBY Vacuum control cable		
			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. _____

2011 Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4 NOV.			broken. Installed new cable M40 OK. ADDED SERIAL ELECTRICAL TYS IN Eng. area. Compression OK. performed. 179 2 79 2 79 4 79. Engine Run Completed. see AD history for Compliance.		
			I Certify this Aircraft/Engine was Inspected I/A/W a 100hr Annual Inspection and is in airworthy condition.		
				 Thomas A. Messeder IA&P 97280073	
			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			
2012 4 JAN	4237	25	CHANGED OIL & REPLACED OIL FILTER CW 48110-1 LANDING GEAR LUBRICATED OIL FILTER EXAMINED - NO DEFECTS		
SMOON	793	36	REPLACED 8 OLS AIRWHEEL W/ IN PWL IOW MOWER SERVICE MANUAL RUN UP DONE - NO LEAKS	<i>[Signature]</i>	PPSEL INST 3181588
14 MAR	4237	27	CHANGED OIL & REPLACED OIL FILTER CW 48110-1 LANDING GEAR LUBRICATED OIL FILTER EXAMINED - NO DEFECTS		
SMOON	840	81	REPLACED 8 OLS AIRWHEEL W/ IN PLUS IOW MOWER SERVICE MANUAL RUN UP DONE - NO LEAKS	<i>[Signature]</i>	PPSEL INST 3181588
SEE NEXT BOOK			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

~~See New Online Log Book
dated 2/11/12~~