

TEXTRON Lycoming

Starts on April 14, 1996

Ends Sept 13, 2010

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

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

ENGINE SERIAL NUMBER

L	2	3	6	3	5	-	3	6	A		
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IN SERVICE DATE

0	4	1	4	9	6
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 ENG.

4	3	2	0
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T.T.

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

2328.6

Reciprocating Engine Division/
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 O-360 A1D L-23635-36A
MAKE MODEL SERIAL

FROM 4/14 19 96 TO _____ 19 _____

DETAILING TIME FROM 2032.0 TO _____
HOURS HOURS

SSP 1872-1

October 1994

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: O-360-A1D
Serial #: L -23635-36A
Total Time: 4320.22
Work Order #: PL0102601
Date Completed: 2/6/96

Authorized Signature S.F. Ellis
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/14/96			This engine installed in Mooney N64020. Prop governor overhauled by Aero Governor (see yellow tag). Engine serviced with Aeroshell 100 oil, & checked for leaks. All pressures & temps normal. Engine is approved for return to service. I certify this engine has been inspected I.A.W. a 100 hr inspection & determined to be in airworthy condition.		
TACH	2032.0				
T.T.	4320.22				
S.M.D.H.	0				
			Page Total _____ Brought Forward _____ Total to Date _____	Dan C. Nelson I.A.	#1449900295

All Repair Data Must Bear the Endorsement of a
 Certificated Mechanic, and his Rating and
 Certificate Number MUST be Shown.

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No.	
4. Organization AIRCRAFTERS, INC.					5. Work Order, Contract, or Invoice Number. 168		
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work	
	Cylinder	LW-12427		1		Repaired	
13. Remarks Replaced Valve Guide (Exhaust), Ground Valves and seats, Honed Cylinder, Installed with new rings.							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> 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.				18. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above 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. D8WR369N		20. Authorized Signature <i>Cic Shelton</i>		21. Certificate Number: D8WR369N	
17. Name (Typed or Printed)		18. Date		22. Name (Typed or Printed)		23. Date	

Signature

License
Number608W.O.: 168
INSPECTED AS PERED NEW LYCOMING
INSPECTED THE
EW SEALS ANDWITH APPLICABLE
01/96

and

Tag
 does not authorize
 s of an Airworth
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 parts/component
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 ce with the nail

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

AIRCRAFTERS, INC. FAA REPAIR STATION D8WR369N
2210 PALOMAR AIRPORT ROAD CARLSBAD, CA (619) 431-7608

MODEL: LYC O-360-A1D REG #: N 6402U S/N: L-23635-36A TACH: 2328.6 W.O.: 168

1. REMOVED ALL CYLINDERS TO C/W LYCOMING S.B. 527B. ALL PISTONS WERE INSPECTED AS PER SERVICE BULLETIN. ALL WERE SERVICEABLE.
2. CLEANED, INSPECTED AND HONED THE NO. 1 AND NO. 2 CYLINDERS. INSTALLED NEW LYCOMING EXHAUST VALVE GUIDES. GROUND THE SEATS AND VALVES. CLEANED AND INSPECTED THE PISTONS. INSTALLED NEW RINGS. THE CYLINDERS WERE INSTALLED USING NEW SEALS AND GASKETS.

THE ENGINE IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH APPLICABLE FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. DATE: 11/01/96

BILL DAILED A *Bill Daileda* CRS D8WR369N

		Brought Forward	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Total to Date	

ENGINE LOG

Serial No. _____

AIRCRAFTERS, INC. FAA REPAIR STATION D8WR369N
2210 PALOMAR AIRPORT ROAD CARLSBAD, CA (619) 431-7608

DATE: 05/09/97 MODEL: LYC O-360-A1D S/N: L-23635-36A
REG #: N 6402U TACH: 2625.3 TSMOH: 593.2 W.O.: 332

1. THIS ENGINE WAS OPENED, INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION AS PER AIRCRAFTERS, INC. FAA APPROVED INSPECTION PROCEDURE.
2. COMPRESSION WAS TESTED: 1. 74, 2. 77, 3. 77, 4. 77 — ALL OVER 80.
3. THE OIL AND FILTER WERE NOT CHANGED DUE TO LOW TIME ON THE OIL.
4. THE SPARK PLUGS WERE CLEANED AND GAPPED.
5. C/W THE 500 HR. INSPECTION ON BOTH MAGS. REPLACED ONE SET OF POINTS. THE MAGS WERE TIMED TO THE ENGINE.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. ENGINE CONTROLS WERE CHECKED FOR TRAVELS.
9. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.
10. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 97-08.
11. R&R THE PROPELLER. THE PROP WAS REPAIRED BY AERO PROP.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A

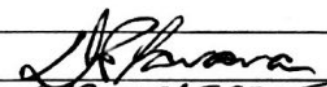


CRS D8WR369N

ENGINE LOG

Serial No. _____

Date	Tach Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Mins			
7/13/98	00.0	00	<p>Completed 100hr inspection. Drained oil & replaced filter, inspected old filter for metal, none. Re-filled with 8qts Aeroshell 50W oil. Clean, gapped, & tested all spark plugs. Compression test as follows, #1 $\frac{79}{80}$ #2 $\frac{79}{80}$ #3 $\frac{79}{80}$ #4 $\frac{79}{80}$. Inspected intake & exhaust systems. Checked mag timing. Cleaned fuel screen. Replaced bowl gasket on carb. Washed engine & ground run for leak check, ok. All ADs upto & including 98-13 checked and OK. Installed new air filter. Refiled & painted prop.</p>		
			<p style="font-size: small;">I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p>		
			<p style="font-size: small;">TACH TIME <u>00.0</u> TOTAL TIME <u>5376.75</u> SMOH TIME <u>1056.63</u> DATE <u>7/13/98</u></p>		
			<p style="font-size: small;">Page Total Brought Forward 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>					


 AP 535689308

ENGINE LOG

Serial No. _____

TACH		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number	
Date	Time				
	Hrs				Min
10/10/98	30.0	Tach Time			
		Drained Oil and Replaced Filter (CH48110)			
		Inspected old filter; No Metal Found. Installed			
		5 quarts Aeroshell 50W Oil. Adjusted Idle.	<i>Thomas [Signature]</i>		
1-15-99	48.3	REMOVED ELECTROSYSTEMS STARTER P/N M2-4222. Replaced			
		with SKY TEC MODEL 149-12SL STARTER, P/N 31A2204. WT			
		CHANGED By 9.7 lbs. Completed Form 337, SENT TO FDSO office.			
		Completed wt. & Balance Revision. Thomas Charles AEP			
		AEP 449780798. TACH TIME: 48.3			
		TOTAL TIME: 5425.05			
		SMOH TIME: 1,104.93			
		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. _____

TACH

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/15/99	48	3	Drained oil and replaced filter (CH48110). Split and inspected old oil filter: No metal found. Installed 8 quarts AEROSHELL ashless dispersant 50W oil. <u>Tommy Scuderi 1/15/99</u>		
6-4-88	79	4	Installed 2 EA New Oil Cooler hoses & Installed 1 EA New Oil Return line at #3 Cyl. Run-up Checks Good. No leaks noted. <u>Mitchell #P447708/66.</u>		

	Page Total
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	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. _____

TACH

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-4-99	79	4	Drained oil and replaced oil filter (CH45110). Split and Inspected old oil filter: No metal found. Installed 8 quarts Aeroshell ashless dispersant 50W oil. Thomas Scuderi 6/4/99		
6-4-99	79	4	Installed 8 new spark-plugs: Champion REM38E. Checked Gap. Thomas Scuderi 6/4/99		

Page Total

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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			
→			Matthew Schum A&P 447708166 IA.		
2/12/2000	15	61	TACH → Drained oil and installed new oil filter (KH48110). Split and inspected oil filter: No metal found. Installed 8 quarts Aeroshell 100 (50W) oil. Engine ground run → Leak checked: No leaks noted. Thomas Scobini 2/12/2000		
			TACH TIME: 151.1		
			TSMOH: 1207.73		
			TOTAL TIME: 5527.85		
			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	TACH Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/20/2000	183	6	Drained oil and installed new oil filter (CH49110) Split and inspected oil filter: No metal found. Oil analysis performed. Aeroshell (50W) 100 oil, 8 quarts. Engine ground run and leaked checked: No leaks noted. Thomas Scudman 6/20/2000	TACH TIME	183.6
8/9/2000	206	3	Drained oil and installed new oil filter (CH48110) Split and inspected oil filter: No Metal found. Installed 8 quarts Aeroshell (50W) 100 oil Engine ground run and leak checked = No leaks noted. Thomas Scudman 8/9/2000	TACH TIME	206.3
			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		

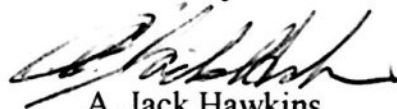
ENGINE LOG

Serial No. _____

License
Number

N6402U Feb. 16, 2001 Tach:213.5 TSMOH:1270.1

Inspected engine in accordance with an FAA approved checklist. Removed #2 cylinder (leak in exhaust valve). Reinstalled cylinder, with new seals, after grinding valve and seat and replacing valve guide. Compression check completed satisfactorily as follows #1 74/80 #2 75/80 #3 74/80 #4 74/80. Lubed and checked controls as needed, repaired baffling as needed. Cleaned and gapped spark plugs, checked exhaust system. Changed oil and filter. Serviced with 8qts Aeroshell 100W. Ran engine, leak and props checked good. I certify that this engine has been inspected in accordance with an annual inspection and is found to be in airworthy condition at this time.



A. Jack Hawkins

524665165IA

This person 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			
9-4/01			Tach reads 272.7 ① Drained and changed oil and filter refilled with 8 qts Aerashell 15W50		
			② Replaced Vacuum pump with Rapco rebuilt #RA-211CC		
			③ Installed Vacuum pump cooling Kit #RA20A		
			④ Reposition heater shroud		
			⑤ Replaced mixture control		
			⑥ Installed EGI EGT probe in place of Alcor EGT probe and installed CHT probe in cyl head #4		
			Engine Run no leaks found En Ellis m ^t Combr AOP 52488		
			Page Total	All Repair Data Must Bear the Endorsement of a 0918I/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			
1-12-02			Tach Time 297 Hours: Remove Rt Mag And Replace Distributor Gear, Clean and Check Mag and Reassignable. Time Mag To Engine and Check Operation. Fred B. Miller AT P141022 IA		
3-11-02			TACH TIME 300.6 INSTALLED 8 NEW SPARK PLUGS: CHAMPION 40E Raymond O. Miller		
July 22, 2002			Tach reads 309.2 Engine Total Time 5686.02 Time SMOH 1365.8 Annual Inspection At This Time ① Compression reads #1 74/80 #2 78/80 #3 78/80 #4 77/80		
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-22-02 Cont.		②	Drained and changed oil refilled with 8 qts of Phillips X-C 20W50		
		③	Replaced oil filter installed new Champion CH-48110		
		④	Installed new Brachett filter element BA-6108 air filter		
		⑤	This engine has been inspected in accordance with the Mooney M20C Inspection Guide and CFR 43 Appendix D. I certify that this engine has been inspected in accordance with a 100hr/Annual Inspection and has been determined to be in airworthy condition.		
			Erin Ellis M.E. Combr A&P 524880918 I/A		
			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			
7-29-03			Tach reads 384.8 Engine total Time 5761.62 Time 1441.4		SMDH
			Annual Inspection		
			① compression reads #1 $72/80$ #2 $76/80$ #3 $74/80$ #4 $76/80$		
			② Drained and changed oil refilled with Phillips 20w-50 X-c oil 8 qts		
			③ Replaced oil filter - installed Champion CA-48110		
			④ Installed new Brgctet Air filter element BA-6108		
			⑤ cleaned and rotated spark plugs		
			⑥ This engine has been inspected in accordance with the Mooney M20C Inspection guide and title 14 CFR 43		
			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		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-29-03	cont.		Appendix D. I certify that this engine has been inspected in accordance with a 100 hr/Annual inspection and has been determined to be in airworthy condition. Eric Elli Mr Combr A&P 524880918 I/A		
8-10-04	Tach reads 498.5		Engine Total Time 5875.32 Time SMOH 1555.1 Annual Inspection		
	①	Compression reads #1 75/80 #2 76/80 #3 77/80 #4 76/80			
	②	Drained and changed oil refilled with 8qts Phillips 20w50 X-C			
	③	Replaced oil filter - installed Kelly Aerospace ES 48110			
		Page Total		All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
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		Total to Date			

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-10-04	cont.	④	Installed new Bractett air filter element BA-6108		
		⑤	Installed overhauled Muffler and riser Assembly from Aerospace Welding Minneapolis Inc see FAA form 8130-3		
		⑥	Installed all new Aeroduct hoses for heater and carb heat		
		⑦	This engine has been inspected in accordance with the Mooney M20C Inspection Guide and Title 14 CFR 43 Appendix D. I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in airworthy condition. Eric Ellis M ^t Combr ACP524880918 I/A		
			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			
11-01-05			Tach reads 587.6 Engine Total Time 5964.42 Time SMOH 1644.2 Annual Inspection		
			① Compression reads #1 74/80 #2 76/80 #3 72/80 #4 77/80		
			② Drained and changed oil refilled with 8qts Phillips X-C, 20w50		
			③ Replaced oil filter installed Kelly Aerospace ES 48110		
			④ Installed new Brackett Air filter element #BAG108		
			⑤ Installed 8 new spark plugs - 4 REM38E in top, 4 REM37BY in bottom		
			⑥ Repaired and reinstalled side baffles with new baffle seal		
			⑦ Installed E-Z Heat oil pan heater #441 in accordance with installation instructions included with heater		
			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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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-01-05	⑧		This engine has been inspected in accordance with the Mooney M-20 Inspection Guide and Title 14 CFR 43 Appendix D. I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in airworthy condition. Eric Ellis M-C-Emb A&P 524880918 I/A		
03-9-07			Tach reads 641.8 Engine Total Time 6018.62 Time SMolt 1698.4 Annual Inspection		
	①		Compression reads #1 $\frac{74}{80}$ #2 $\frac{75}{80}$ #3 $\frac{70}{80}$ #4 $\frac{76}{80}$		
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
03-9-07	②		Drained and changed oil refilled with 8qts Phillips X-C, 20W50		
	③		Replaced oil filter installed Champion CH48110-1		
	④		Installed new Brickett Air filter element BA-6108		
	⑤		Cleaned and gapped all 8 spark plugs		
	⑥		Repaired LT rear bridle		
	⑦		This engine has been inspected in accordance with the Mooney M-20 Inspection Guide and Title 14 CFR 43 Appendix D. I certify that this engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in airworthy condition, Eric Ellinger, CMB, A6P524880918I/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		

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
NOV 20, 2008			ENG T.T.S.N = 6057.12 ENG T.T.S. Moh. = - 0 - This ENG overhauled I.A.W LYC overhaul manual P.N. 60294-7 AND ALL S.B. ^s S.L. ^s UP TO THIS DATE. THE FOLLOWING NEW PARTS INSTALLED AND OVERHAULED CRANKSHAFT, CON RODS + CRANKCASE INSTALLED - CRANKCASE OVERHAULED BY DIVCO, SEE FAA FORM 8130-3 DATED 7/16/08. CRANKSHAFT + CON RODS OVERHAULED BY AIRCRAFT SPECIALTIES SERVICE + REPAIRED I.A.W. SB 201E WITH NEW DOWELL REPLACON I.A.W. SB 475C SEE YELLOW FORM 8130-3 DATED 7/17/2008 - CONT NEXT PG -		
			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>Cont From Page - CRANK GEAR REPLACED WITH REPAIRED P.N. 61155 T.A.W. SB 475 B AND SCREW P.N. LW 2246. A.D. 91-11-22 C/W, A.D. 90-04-06" C/W A.D. 92-12-05 N/A, 95-07-01 N/A, 87-10-01 N/A ROCKER ARMS, CRANK A.D. 2006-6-16 N/A, 98-17-11 N/A, NELSON (CRANKS 97-15-11 PISTON PINS MA 492-12-5. A.D. 90-4-6 C/W BY STEEL FITTINGS & NEW ROSE P.N. 124 F001-6000420 INSTALLED, 87-10-6 N/A ROCKERS INSTALLED, 96-9-10 N/A A.D. 2004-10-14 PROP STRIKE C/W. A.D. 96-09-10 C/W BY OIL PUMP KIT INSTALLED. THE FOLLOWING NEW PARTS INSTALLED; 4 EA LYC CYL KITS P.N. 05K21104. 1 EA NEW LYC CAM SHAFT KIT P.N. - 05K22754. 2 EA SL 13884 FRI MAIN BRGS - CONT NEXT PG -</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			
			(Cont From Prev Pg) - 4 EA SL 11020 Conrod Rears main BRGS. 8 EA SL 75061 Con Rod Bolts & 8 EA SL-12186 Con Rod NUTS. 4 EA 18D19394 Con Rod BRGS. 1 EA STD-2246 CRANK GEAR Bolt. 4 EA SL 13790A Rocker shafts 8 EA SL 12892 Rocker Buttons. 1 EA SL 1028-B Pros Relief Ball. 1 EA SL 53E19600 oil Temp Verithrom 1 EA LW 15472 New LYC Fuel Pump. 1 EA 124F001-6 CR0420 PRO Gov oil hose. 1 EA SL 18109AS oil Pump KIT & oil Pump HOUSING Pin SL 78528 (AD 969-10 clw) 1 EA SKYTA2-1A511 IGNITION HARNESS. 1 EA SAP5000 oil quick DRAIN. MAGNETOS DISASSEMBLED & SHAFTS & ROTORS CHECKED BRGS @ LEANED & CHECKED & REPACKED WITH TCM GREASE - CONT NEXT PG -		
			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			
Cont From Prev Pg			New POINTS P.N. 10-3825 85 2EA & 1EA 10-38284 INSTALLED New SEALS & oil SLIDERS P.N. 10-400554 & 10-51678 INSTALLED 1 EA 10-357584 DIST GEAR KIT INSTALLED. E-GAP SET & RETARD POINTS SET. PROP GOVERNOR REPLACED & ALL S.B ^s CLW & New GASKETS & SEALS INSTALLED. PRO GOV RUN IN & SET BY Southwest Aero, See FAA FORM 8130-3. New MS914-101 screwdown GASKET INSTALLED with GOV. AA 48110 oil FILTER INSTALLED. ENG serviced with mineral oil & pre oiled. ENG RUN IN I.A.W. LYC SI 1427P. THIS ENG RETURNED TO SERVICE THIS DATE with new slw oil cooler.		
			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		

John D. Hays
 AA 524582723

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Nov 20 2008			Tach reads 681.0 Engine Total Time 6057.82 Time Since Major Overhaul of Annual Inspection Reinstalled this engine in Mooney S.N. 2149 N64024 Reinstalled overhauled Propeller serial number CH41680B Engine Filled with 8 qts Aeroshell 80 non detergent oil This Engine has been inspected in accordance with the Mooney M-20 Inspection Guide and Title 14 CFR 43 Appendix D. I certify that this Engine has been inspected in accordance with a 100hr/Annual inspection and has been determined to be in airworthy condition. <i>Eric Ellison - Cowi</i> ATP 52488098I/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			
Sept 13 2010	Tach		reads 684.7 Engine Total time 6061.52 Time since Major Overhaul 3.7 Annual Inspection ① compression reads #1 7/80 #2 7/80 #3 7/8 #4 7/80, ② Drained and changed oil refilled with 8qts Aeroshell 80 mineral oil, changed oil filter with AA48110-2. ③ This Engine has been inspected in accordance with the Mooney Annual Inspection Guide and Title 14 CFR 43 Appendix D. I certify that this Engine has been inspected in accordance with a 100/Annual Inspection and has been determined to be in Airworthy Condition.		
			Low Elli: M: Conk ASP 2146338 I/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		

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

A.D 2007-04-19	SUPERIOR CYL	N/A	NOT INSTALLED
A.D 2006-12-07	ECL CYL	NA	"
AD2006-06-16	LYC ENG	N/A BY CRANK	
AD 2004 -25-01	LYC ENG	N/A BY FUEL USED	
AD 2004 -10-14	LYC ENG	C/W AT OH	SB 475 C/W
A.D 98-17-11	LYC ENG	N/A BY CRANK WORK	
A.D 97-15 "	LYC ENG	C/W AT OH	New CYL KITS NOV 20, 2008
AD 96-09-10	LYC ENG	C/W AT OH	New oil PUMP Kit 11/20/08
AD 95-07-01	SUPERIOR PARTS	N/A	New ROD BOLTS @ OH 11/20/08
AD 91-06-09, 94-01-03, 82-20-01, 74-26-09	NA	CONDENSERS, NA RED COILS, NA BUSHINGS	
AD 93-11-11	AIC Fuel Pump	N/A	New AT OH 11/20/08
A.D 92-12-05	LYC	N/A	New PISTON PINS 11/20/08
A.D 90-04-06 ^a	LYC	N/A	New GOV hose 11/20/08

12/15/08
 1/25/08
 8/20/08
 I A 521/5023
 11/20/08

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

AD 89-04-02	FACET CARB	N/A BY SN.	
A.D 87-10-06 ^{R1}	LVC	N/A BY Porter Arms	
AD 82-20-01	Bendix	N/A BY Shewan Sparks	
AD 80-25-07	SLW	N/A REPLACED NOW 11/20/08	
AD 75-08-09 ^{R3}	LVC	N/A oil pump KIT 11/20/08	
AD 73-23-01	LVC	N/A NEW PINS WITH M/L KIT 11/20/08	
AD 72-06-05 ^{R2}	M/LC	N/A NEW TYPE THOT LOUVER INSTALLED.	
A.D. 66-20-04	LVC	N/A AC FILTER ADAPTER INSTALLED	
A.D. 66-05-04	M/LC	N/A METAL FLOAT INSTALLED	

I.A. 501
 11/20/08
 60 per 11