

LYCOMING

A Textron Company

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

Form No. 365

This engine has been overhauled/rebuilt in accordance with the applicable Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and 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 #: RL-13741-36A
Total Time: 0.00
Work Order #: A-7770
Date Completed: 1/30/03

Signed 
Lycoming Service Center
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754
Repair Station: 

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
01, March			2003 - Tac. Time 1996.88 - Engine TI 0000.00 - Engine S/N RL-13741-36A in N9149V This Date. Engine Installed Using New Mounting Kits (4) J7402-1, OVH Carburetor P/N 71710, OVH Mags P/N 10-600614-1E + 10-600644-1F, New Fuel Pump P/N LW-15472, New Starter P/N 31A22470, New Harness P/N LW-M-2403 Left + P/N LW-M-2404 Right, Serviceable Alternator P/N ALY-8520R, + OVH Governor P/N 34-828-14 See Maxwell W.O. # 107680. All Fuel + Hoses Replaced @ This Time - See A/E Log. New Vacuum Pump P/N 215CC Installed. Ground Run + Leak Check OK See Win Air W.O. # 02-10-18 *		

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Total to Date	

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

Name	Latitude/Longitude
Home/Cell Phone #	Pilot Information
	Address
	Business Phone
	Model Class/Date

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
→					
			<p>I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HOUR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THE INSPECTION/REPAIR ARE ON FILE WITH W.O. # <u>02-10-18</u> DATE <u>03-01-03</u> SIGNED <u>[Redacted]</u> <u>AIP</u> <u>[Redacted]</u></p> <p>B2W CORP. WINONA, MN</p>		
17, March 2003			Tac. Time 2005.78 - ETT 8.9 - Changed Oil + Filter - Inspected Old Filter - Found OK - Serviced Engine with (8) Qts Acroskell 80 Mineral + CH48110 Filter. Ground Run + Leak CK OK. See Win Air W.O. # 03-03-17		
			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. AIP [Redacted]

ASA-SA-2

ENGINE LOG

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Serial No.	Signature	License Number
	Hrs	Min				
3/29/07	24	51	29 Performed 100 Hr Engine Inspection As Per Mooney Inspection Checklist. Compressions #1 72/80 #2 76/80 #3 77/80 #4 76/80. Drained Oil & Serviced with 8 Qts Aeroshell 100w. Cut & Inspected Oil Filter. No Metal Present. Installed CH48110-1. Installed BA-6108 & Safety Clip. Checked Magneto Timing @ 25 Deg. BTDC. Emptied Carburetor Bowl. Inspected Starter, Alternator, & Exhaust. All Good Condition. Cleaned, Regapped, Inspected, & Rotated Spark Plugs. Readjusted Muffler Shroud for Tighter Fit. Replaced Scat Tubing Between Muffler Shroud & Carb Heat Duct. Replaced #1 Intake Tube Gasket. Replaced #1, 3, & 4 Rocker Cover Gaskets. Replaced Oil Fill Tube Gasket & Safetywired. Dressed Propeller Blades. Performed Run-up & Leak Check's Good.			

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

ENGINE LOG

Serial No. _____

License Number

Signature

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Date

Time

Hrs

Min

I hereby certify that this ~~(Aircraft / Airframe / Engine)~~ has been thoroughly inspected as per existing inspection and found to be in an airworthy condition.
 F.A.R.'s in accordance with an ~~(Annual / 100 HR)~~
~~Hobbs / Tach~~ Time 2457.29 hrs. A/C Total Time 2457.29 hrs.
 Time S.M.O.H. 454.41 hrs. Engine Total Time 454.41 hrs.
 Date of Prop O.H. ~~(New)~~ 8-1-85 Time S.P.O.H. 1361.49 hrs.
 Next Annual Inspection Due MARCH 2008

3/29/07
Date

Signature & License Number

Willmar Air Service, Inc. PO Box 1077 Willmar, MN 56201
320-235-4844

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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.



The Standard

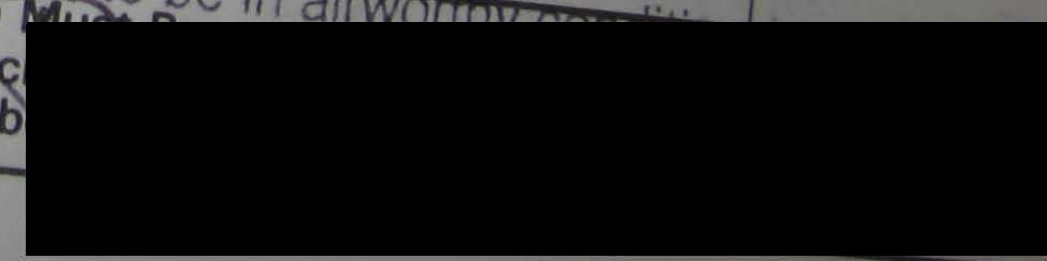
AIRCRAFT LOG

ENGINE LOG

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Serial No.	Signature	License Number
	Hrs	Min				
2/2/16			2998 Tach 1001.6 hrs mot compression ① 74 ② 74 ③ 70 ④ 72 Cleared Robbed plug CW AD -75-09-0 Engine NA - OK ruled valves Angles Etc. Checked valves, Hoses, lines Etc OK Checked ADs. Three 2015-26			

I certify that this Engine
has been inspected in accordance with
an 100hr inspection and has been
determined to be in airworthy condition.

All Repair Data Must Be
Certificated Mec
Certificate Numb



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AVS
Quality Management

QPM #

Aircraft Record General Information

Manufacturer Mooney Aircraft Co. Model M20C
 Serial 690026 Registration Number N9149V
 Date of Manufacture 04-01-1969

Engine(s) currently installed:

Manufacturer Lycoming Model O-360-A1D Serial RL-1374-36A
 Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Propeller Inc. Model HC-C2YR-1BP/F7497
 HUB Model _____ Serial C43020B Serial _____
 Blade Model K67262 Serial _____ Serial _____ Serial _____
 Blade Model K67252 Serial _____ Serial _____ Serial _____

P-F017

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Re

Page

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Type of Approach
 Fuel on Board/Grade
 T/O Direction

Last Communication
 Position, Time, Altitude

YEAR:
RECORDING TACH TIME
TODAYS FLIGHT
TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

UNIT
M20C

REGISTRATION
N9149V



Win Air / B₂W
 106 Galewski Dr.
 Winona, MN. 55987
 Ph# 507 452-2220

DATE	MFG.	MODEL	S/N	TSO	CYCLES	TAC	TT
05-22-08	MOONEY	M20C	690026	N/A	N/A	2506.14	2506.14

AIRCRAFT LOG ENTRY :

COMPLETED 100 HR INSPECTION I/A/W MOONEY M20C INSPECTION GUIDE, 04-30-90 AS AMMENDED. C/W FAR 91.207(d) I/A/W A8310-1, REPLACED ELT BATTERIES, DUE 03-2014. C/W A.D. 73-21-01 DATED 10-10-73, PARA. (a) BY LUBRICATING LANDING GEAR ROD END BEARING & FLIGHT CONTROLS & (c) BY PERFORMING RETRACTION TEST & RIGGING. C/W A.D. 75-09-08 DATED 04-30-75, BY VISUAL INSPECTION OF ENGINE MOUNT. C/W A.D. 76-07-12R1 DATED 08-30-77 BY OPS CHECK OF IGNITION SWITCH. THESE THREE (3) A.Ds ARE DUE NEXT PRIOR TO A/CTT & TAC. 2606.14. C/W MOONEY S.B. M20-190B PART I, ACTUATOR REMOVAL, INSPECTION AND LUBE, II C/W WHEN PART I C/W AND PART III CORRECT INSTALLATION OF HEIM BEARING END INTO BELL CRANK. PART II DUE PRIOR TO TAC. TIME 2606.14; PARTS I & II DUE PRIOR TO TAC. TIME 2706.14. REPLACED MISSING SCREWS & STOPPED DRILLED BAFFLING ABOVE #2 CYLINDER. REPLACED SCAT TUBE BETWEEN MUFFLER & CARB INTAKE. REMOVED BATTERY BOX CLEANED CORROSION, STRIPPED, PAINTED WITH ACID PROOF # 344 & REPLACED. REMOVED SPINNER, BULKHEAD & HARTZELL PROPELLER, PN: HC-C2YK-1B, SN: CH-6751E. INSTALLED STC # SA02414CH-D, PN: HC-C2YR-1BFP/F7497, SN: CH43020B & 835-54(P), IN ACCORDANCE WITH INST_011007, DATED 01-10-07, SEE 337 & WGT & BAL THIS DATED. REPLACED ALTERNATOR DRIVE BELT, PN: 37A19773-376. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS COMPLIED WITH AND ALL FOUND TO BE SATISFACTORY. *****

I certify that with respect to the work performed on the aircraft, propeller, or appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items identified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN Under Work Order # 08-04-30, DATED 05-22-2008. No other representations concerning Airworthiness are expressed or implied. *****

SIGNED: THOMAS M. OWEN

A&P CERT.#

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE TIME SERVICE

2/2/16 2998-Tach

Routine Service + maintenance performed. CW AD-75-09-08 Engine into panel OK CW AD-73-21-01. Gear lubed and Inspected CW AD-76-07-12-12. Bendix Switch on Pumps OK AD-77-12-4 control wheel shaft due 3/31 Tach checked Eff. part 91-207-11 works OK - pulled Detention + Emergency. Extentor OK lubed pulleys Hinges Eff. checked AD-true 2015-26

I certify that this Aircraft has been inspected in accordance with an Amel inspection and has been determined to be in airworthy condition.

[Redacted Signature]

Form with sections: Type of Operation, Dep. Point & Date, Flight Plan, Radar Coverage, Involved, Type of Approval, Flight Information, FAR Conducted Under, Type of...