

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
8-AUG-2013		Model # 5934P-1	Serial # <i>Vhresada</i>				
		Aircraft N 737LG	Date: Aug 8				
		Altimeter, Altitude Reporter & Static System tested with Part 43, Appendix "E" for compliance with FAR Altimeter Tested to 20K FT Work Order #8 Signature: <i>[Signature]</i> MUELLER AVIONICS, INC. CRS # Q					
8 AUG 2013		Model # RT359A	Serial # 288				
		Aircraft N 737LG	Date: Aug 8				
		Transponder system tested in accordance with par Appendix "E" for compliance with FAR 91.413. Signature: <i>[Signature]</i> Work Order #8 MUELLER AVIONICS, INC. CRS # Q					

N737LG

Mueller Avionics, Inc. CRS # QYVRO44J

P/N	S/N	ALT	ERROR
9934P-1	unreadable		
ALT	ALT		
FT	FT		ERROR
-1000	16000	0	-50
0	18000	0	-40
500	20000	0	-50
1000	22000	0	
1500	25000	-10	
2000	30000	0	
3000	35000	-10	
4000	40000	-10	
6000	45000	-10	
8000	50000	-10	
10000	Hys 50%	-10	+10
20000	Hys 40%	-20	
14000	Zero	-30	
Date:	Aug 8, 13 <i>[Signature]</i>		

737LG AIRFRAME LOG #3

MAINTENANCE RECORD

N737LG
CESSNA
172N
S/N 17269496

AIRFRAME

DATE 03 SEP 2013
TACH 1717.9
ACTT 3833.8

1. Completed annual inspection reference FAR 43 appendix D reference C172 service manual inspection checklist.
2. Completed AD research. See AD compliance list.
3. Complied with annual ELT inspection per FAR 91.207 (d). No defects noted. Battery replacement due 3/2015.
4. Complied with AD 2011-10-09 seat track wear inspection by visual inspection and dimensional checks of seat tracks and rollers. All checks were good at this time. Next due at 9/4/2014 or 3933.8 ACTT whichever first.
5. Complied with AD 2001-23-03 Inspect map light switch by visual inspection. Replaced insulator with new p/n 0511080-1. Next due at 9/4/2014.
6. Replaced vacuum central and regulator filters p/n's B3-5-7 and D9-18-1.
7. Replaced engine induction air filter p/n BA6108.
8. Adjusted aileron cable tensions and verified rigging.
9. Adjusted elevator and elevator trim cable tensions and verified rigging.
10. Replaced 2 ea. Adel clamps p/n MS21919WDG11 on engine mount and 2 ea. p/n MS21919WDG24 on SCAT hose to prevent chaffing.
11. Secured engine primer lines under panel with 2 ea. Adel clamps p/n MS21919WDG1.
12. Removed right main brake caliper. Disassembled, cleaned, and inspected. No defects noted. Painted and reassembled with new o-ring p/n MS28775-224. Reinstalled on aircraft and bleed brakes.
13. Removed exhaust for welding repair and reinstalled after repairs.
14. Reattached CO detector to panel.
15. Tightened brake line and cleaned residual hydraulic fluid from aircraft belly.
16. Serviced both brake reservoirs with AeroShell 4 hydraulic fluid.
17. Safetied elevator stop bolts.
18. Performed operational checks of above work, no defects noted.

I certify this aircraft has been inspected in accordance with an annual inspection reference FAR part 43 appendix D and was determined to be in an airworthy condition. Pertinent details are on file with the undersigned under **Aeroworks USA Work Order: 12419.**

Signed: _____



Chris McPherson AP/IA 3154631

MAINTENANCE RECORD F.A.R. 43.9



18600 Edison Ave.
Chesterfield, MO 63005
(636) 536-1341

Airframe

Date: 7/23/2014

Reg: N737LG

Model: Cessna 172N

Tach: 1739.3

ACTT: 3885.2

S/N: 17269496

1. Complied with Annual Inspection in accordance with FAR 43 appendix d.
2. C/W FAR 91.207(d) by visual and operational inspection, next due 7/2015. Battery replacement due 3/2015.
3. Complied with AD2011-10-09 amdt: 39-16690 dated 6/17/2011 Prevent seat slippage by visual and measurement inspection, next due 1839.3 or 7/2015.
4. Complied with AD2001-23-03 amdt: 39-12500 dated 11/5/2001 Detect and correct chafing between map light switch and bordering fuel line by visual inspection, next due 7/2015.
5. Repaired crack in top cowling by fabricating patch using 2024T3-.032 sheet metal. Work was accomplished in accordance with AC43.13-2B paragraph 4-57.
6. Re attached high voltage wiring behind instrument panel.
7. Removed nose strut, dis assembled, cleaned, and inspect. Re assembled nose strut using seal kit p/n NSS-KT-1. Re installed nose strut, serviced with Aeroshell 4, and nitrogen.
8. Replaced oil cooler drain nut with new p/n 0556018-2.
9. Replaced pilot and copilot lower door hinge pins with new p/n 0517019-12.
10. Replaced missing rivet in carburetor air box assembly.
11. Replaced hardware in aileron pulleys in center tunnel section.
12. Replaced L/H and R/H fuel tank placards with new p/n 0505094-2.
13. Rerouted tail nav light wires in aft fuselage section for proper clearance.
14. Removed inline filter in engine compartment and installed new Mil-6000-5/8" hose from vacuum pump to firewall.

DATE OF
COMPLETION

DATE OF
COMPLETION

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		15. Replaced L/H brake linings with new p/n RA66-109. 16. Resealed fuel primer and torque fuel lines. 17. Installed baggage compartment placard with new p/n 0505043-3. 18. Replaced voltage regulator with new Zefronics p/n R25101RevA s/n 311009. 19. Installed Reiff HotBand Cylinder and HotStrip Oil Sump preheater system p/n SL-4 in accordance with Reiff instructions # HS2013-9. 20. Filed missing 337 for previously installed Bracket Air Filter Assembly, firewall replacement, and R/H elevator repair. See aircraft records for details.	

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

Jeremy McInturff
Jeremy McInturff A&P36840451A

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATES OF WORK PERFORMED/RETURN



2131 Airport Drive • Green Bay, Wisconsin 54313 • 920.498.4880 • www.executiveair.com

N737LG

6-10-15

Tach: 1775.8


ACTT: 3921.8

Installed Cessna pilot secondary seat stop kit SK210-174B. IAW SEB07-5 REV 5 installation instructions J. Weight and Balance was revised. Instructions for continued airworthiness REV A were placed with the Aircraft Maintenance records IAW the SEB.


-----END-----

Dirk Cebanick Apr 3371272A

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
				
		<p>2131 Airport Drive • Green Bay, Wisconsin 54313 • 920.498.4880 • www.executiveair.com</p>		
	N737LG	6-16-15	Tach: 1775.8 Actt: 3921.8	
		<p>Complied with Annual Inspection of Airframe. Complied with Elt function check according to 91.207(d). Installed new Elt batteries. Next due 6-2017. Complied with AD 01-23-03 next due 6-2016. Complied with AD 11-10-09 next due tach 1875.8 or 6-2016. Installed new filters B3-5-1 and D9-18-1. Installed new flap lever cover p/n 0560027-1. Adjusted elevator trim according to section 9 172 maintenance manual. Installed new lamp LH nav p/n W1290-28. Reconnected loose ground terminal aft of instrument panel. I certify this Airframe has been inspected according to an Annual Inspection and was determined to be in Airworthy Condition.</p>		
		<p>SEND</p> <p><i>Duke Lubat</i> #3371217IA</p>		

MAINTENANCE RECORD F.A.R. 43.9

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		2131 Airport Drive • Green Bay, Wisconsin 54313 • 920.498.4880 • www.executiveair.com	
	N737LG	8-31-2015	Tach: 1786.4 Etsoh: 45.9
		Installed new push to talk switches pilot and copilot positions, p/n 30-1. Installed new headset jacks pilot position. Installed new Ameri-King AK-350 enconder. Removed and reinstalled transponder after J.A. Air Center repair, wo# 232356-08-2015. Test of systems showed normal operation.	
		-----END-----	
		<i>Dick Cabardo Ap 3371217IA</i>	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION
		<p>Date: 8/19/2016 Tach: 1825.4 TTA: 3971.4</p> <p>Inspected control cables, wing, tail and landing gear attach points. Lubricated pulleys, hinges, rod ends and flap jack screw. Checked lights. Checked brake linings. ELT Battery expires July 2017, operational checked ELT per FAR 91.207 D. Checked gascolator screen. Replaced carb heat cable with new cable, P/N MCS1230-17. C/W AD 01-23-03 Door post map light switch insulator by visual inspection, Due again 8/2017. C/W AD 11-10-09 Seat Tracks and Seat Pin Engagement by visual inspection, Due again 8/2017 or Tach: 1925.4. AD's checked thru Biweekly 2016-16.</p> <p>I certify that this Aircraft has been inspected in accordance with Annual inspection procedures and was determined to be in airworthy condition.</p> <p>Signed: <u><i>Jason Martin</i></u> A&P 2830402 IA For: Martin Aircraft Services, LLC</p>		
8-19-16	3971.4	<p>Tach: 1825.4</p> <p>Removed old Concorde Battery and installed new Concorde RG 24-10 Battery.</p> <p><i>Jason Martin</i></p>		

For: Martin Aircraft Services, LLC A&P 2830402 IA

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<u>Airframe Maintenance Entry for N737EG</u> DATE: 06/16/2017 ETT: 1741.0 PTT: UNK	ACTT: 4020.5 TACH: 18806 ETSOH: 436.0 PTSOH: 558.2
		<ol style="list-style-type: none"> 1. COMPLIED WITH AN ANNUAL/100 HOUR INSPECTION THIS DATE USING CESSNA SERVICE MANUAL AS A GUIDE. 2. #1-76/80, 32-75/80, 33-78/80, #4-77/80. 3. COMPLIED WITH OIL CHANGE THIS DATE. DRAINED OIL REMOVED SUCTION SCREEN FOR A VISUAL INSPECTION. NO DEFECTS NOTED. INSTALLED SUCTION SCREEN WITH NEW AN900 GASKET. REMOVED OIL FILTER AND CUT OPEN FOR A VISUAL INSPECTION. NO DEFECTS NOTED. INSTALLED A NEW CHAMPION OIL FILTER CH48109-1 AND SERVICED WITH 6 QUARTS AEROSHELL 15W50. 4. CLEANED, GAPPED AND ROTATED SPARK PLUGS. 5. ADJUSTED MAGNETO TO ENGINE TIMING. 6. CLEANED FUEL PRIMER NOZZLE. 7. CLEANED FUEL SCREEN. 8. CLEANED FUEL GASCOLATOR SCREEN. 9. COMPLIED WITH POWER FLOW EXHAUST SYETM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. 10. TORQUE CHECKED INTAKE TUBE HOSE CLAMPS. 11. REPLACED INTAKE FILTER ELEMENT BA6108. 	

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION

- 12. RELACED VACUUM FILTER B3-5-1.
- 13. REPLACED INSTRUMENT FILTER AAD9-18-1. SEE AD 28714
- 14. ELT BATTERIES REPLACED WITH DURACELL (D) TYPE. SEE AD 2017
- 15. FAR 91.207(d) COMPLIED WITH BY A VUISUAL AND OPERATIONAL INSPECTION.

- 16. INSTALLED A NEW LOWER ANTENNA SUPPORT P/N: 0770681-3.
- 17. ADJUSTED LEFT CABIN DOOR HANDLE.
- 18. REPLACED MISC SOUTHCO FASTENERS ON UPPER ENGINE COWLING.
- 19. REPLACED RIGHT COUTESY LIGHT BULB P/N: GE308.
- 20. REPLACED NOSE WHEEL ASSEMBLY BEARINGS P/N: LM67048-20629 AND RACES LM67010-20629.
- 21. REPLACED MAIN GEAR WHEEL ASSEMBLY BEARINGS LM29749-20629 AND RACES LM29710-20629.
- 22. LUBRICATED ENGINE CONTROL ROD ENDS.
- 23. LUBRICATED AIRCRAFT USING CESSNA SERVICE MANUAL AS A GUIDE.
- 24. AD 80-04-01 RODS COMPLIED WITH BY A VISUAL INSPECTION OF ENGINE SUCTION SCREEN, CUT OPEN OIL FILTER INSPECTION. SERVICE ENGINE WITH AEROSHELL 15W50, DUE 4076.6 ACTT.
- 25. AD 2001-23-03 DETECT AND CORRECT CHFING COMPLIED WITH BY A VISUAL INSPECTION. DUE 06/30/2018.
- 26. AD 2011-10-09 TO PREVENT SEAT SLIPPAGE AND SEAT ROLLER HOUSING FROM DEPARTING SEAT RAIL COMPLID WITH BY A VISUAL INSPECTION. DUE 06/30/2018 OR 4126.6 ACTT.
- 27. ADS CHECKED THRU 2017-12. SEE AD COMPLIANCE REPORT THIS DATE.

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL/100 HOUR INSPECTION AND HAS BEN FOUND TO BE IN AN AIRWORTHY CONDTION. THIS AIRCRAFT IS BEING RETURNED TO SERVICE THIS DATE.


Signature of Inspector

Airframe Maintenance Entry for N737LG
 DATE: 06/25/2017 TACH: 1900.

1. REPLACED LEFT MAIN TIRE WITH A NEW MICHELIN/CONDOR TIRE P/N: 072-314-0,
 S/N: 6315S00043 AND REPLACED TUBE WITH A NEW MICHELIN AIRSTOP TUBE P/N:
 092-500-0, LOT NO: 17/2016.

DATE OF
COMPLETION

VICE DATE OF
COMPLETION


 MICHELIN

SALES REP: 3140072894310
 TEL: +352 96297 21043074722 / www.michelin.com

DATE OF
COMPLETION

Airframe Maintenance Entry for N737EG
DATE: 07/03/2017 TACH: 1908.7

WICE

- I. REPLACED RIGHT MAIN TIRE WITH A NEW MICHELIN/CONDOR TIRE P/N: 072-314-0,
S/N: 6279S00077 AND REPLACED TUBE WITH A NEW MICHELIN AIRSTOP TUBE P/N:
092-500-0, LOT NO: 17/2016.

Signature



MAINTENANCE RECORD F.A.R. 43.9

MAKE: Cessna
MODEL: 172N
S/N: 17269496
REG. NO: N737LG
WORK ORDER: 6809-08

DATE OF
COMPLETIC

NO.
TO SERVICE

Airframe Maintenance Entry for N737LG
DATE: 07/28/2017 TACH: 1955.0

1. REPLACED ORINGMS28775-03 ON OIL PRESSURE LINE ADAPTOR AT FIREWAL.
2. REPLACED LEFT STOBE LIGHT POWER SUPPLY P/N: 152-0010, S/N: J17042907.
3. OPS CHECKED AND LEAK CHECK GOOD.

Airframe Entries

1 Removed AF

Installed Gar
antenna

Garmin GTX-
altitude inform
has been che

This equipme

All work has
#SA00870W
CFR Part 23
D2065-3-13.

Reference J

Any Change

The equipme
List for all pa

3 Tested altim

Signature:  Certificate No. 58217
Wings Authority No. 4601 Expires 12/31/2017 Issued 07/28/2017

Maintenance Release
The aircraft engine applica
return to service. Pertinent

DATE: 24 August, 2017

MAKE: Cessna
MODEL: 172N
S/N: 17269496
REG. NO: N737LG
WORK ORDER: 6809-08-2017



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 24 August, 2017

~~706-101-0000~~
TACH: 1955

ALT - 40957
EWC. SMCH - 511.2
Prop. SMCH - 633.4

Airframe Entries

1 Removed ARC transponder RT359A SN 25161

Installed Garmin GTX-327 (FAA TSO C74c) Mode C Transponder. The GTX-327 has been installed in the center panel and uses the existing transponder antenna.

Garmin GTX-327 Transponder uses a 3 amp circuit breaker located in the avionics bus and is labeled "XPNDR". Garmin GTX327 transponder receives altitude information from the existing AK350 altitude encoder. This transponder meets the requirements and specifications of TSO-C74B or TSO-C74C and has been checked in accordance with Part 43, Appendix F in compliance with FAR91.413 this date.

This equipment has been ground checked and functions properly. There were no adverse effects with any of the other aircraft systems.

All work has been done in accordance with Garmin GTX-327 Transponder Installation Manual #190-00187-02, Rev R, dated May 2014, in reference to STC #SA00670WI, Ameri-King Corporation AK-350 Installation Manual Document No. IM-3501001, Revision NC, Dated 8/17/1989 or later approved revision, 14 CFR Part 23, and AC43.13-1B Chapters 10, 11, 12, and AC43.13-2B Chapters 2 & 3 and Cessna 1977 thru 1986 172 Series Service Manual Document No D2065-3-13, Revision 3, dated July 1, 1995.

Reference J.A. Air Center INSTRUCTIONS FOR CONTINUED AIRWORTHINESS document No. ICA-17269496-GTX327-6809-08-2017

Any Change to the aircraft weight and balance is negligible.

The equipment list and airframe logbooks were revised to reflect this installation. Reference J.A. Air Center's Weight & Balance and Supplemental Equipment List for all part numbers, serial numbers, and equipment installed, or removed, and locations.

3 Tested altimeter, altitude reporting and static system to 20,000 ft as required by 91.411, 5934P-1 SN 417508.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and FAA 145-54211. Work Order No. 6809-08-2017. Dated 24 August, 2017.

DATE: 24 August, 2017

SIGNED

Doug Mall
Certified Repair Station No. NF2R029L

Work Order: 6809-08-2017

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