

Aircraft Record General Information

Log book #3

Manufacturer Cessna Model 172 RG
Serial 172 RG 0015 Registration Number N4218R
Date of Manufacture 1979

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR
20
DATE

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Date: 07/01/13
Tach: 957.7

Reg. #: N4718R
T.T.: 3517.4

Ser. #: 172RG0015
W.O.: 4182

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1. C/W annual inspection I/A/W FAR 43 appendix D.
 2. Verified Compliance of AD 2008-26-10.
 3. C/W A.D.83-14-04 by inspection of the cabin heater.
 4. C/W A.D. 2001-23-03 by inspection of map light switch.
 5. C/W A.D. 2011-10-09byinspection of seats and tracks.
 6. C/W annual operational check of the ELT, and replaced battery with new p/n BS2173, next due 2015.
 7. Replaced both aileron aft rod ends with new p/n S1819.-3.
 8. Replaced both main gear down lock pads with new p/n 2441005-1 cycled gear through 6 complete cycles.
 9. Replaced elevator trim tab channel with new p/n 2432003-1.
 10. Replaced vacuum pump with new AA3215CC, s/n 02LA18, and fitting with new p/n S2363-2.
 11. Replaced induction air filter with new Bracket p/n BA5805.
- I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in a airworthy condition.

Rick Heimbeck A&P 2578732 IA

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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.)

YEAR
20
DATE

09/10/2014 N4718R 182N S/N 172RG0015 Tach: 0984.4 Hobbs : 0516.8
Lycoming O-360-F1A6 TTSMO: 1044.3 TTAC:3544.1

Performed annual inspection IAW Cessna 172 Service Manual and FAR 43(d).
Performed 121.5 frequency transmission check on ELT IAW 14 CFR 91.207(D), ELT
battery due 08/ 2015. AD 2011-10-09 Seat Track and Roller inspection C/W by
inspection using McFarlane 110 and SR1 tools next inspection. C/W A.D. 83-14-04,
inspection of cabin heater. C/W A.D. 2001-23-03 by inspection of light switch. All AD's
are current thru 2014-17. . Replaced spinner stabilizer. P/N 24500164-1

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

Daniel E. Sillinger

Daniel E. Sillinger AP 2234434 IA

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STANDARD

Airframe Log Entry

STANDARD

Aircraft Reg. No.	Aircraft Serial No.	Tach	ACTT	Date
N4718R	172RG0015	1034.2	3593.9	17 NOV 15

A. Maintenance Action Completed:

1. Performed 100 Hour / Annual Inspection IAW Cessna 172RG Series Maintenance Manual
2. Performed 100 Hour / Annual Lubrication Items
3. Serviced and Charged Main Ships Battery
4. Removed and Replaced ELT Battery
5. Performed ELT Test IAW FAR 91.207(d) and Manufactures Maintenance Manual. Ops Check Normal. Batt Due Jan 2018
6. Performed Corrosion Control an Various surfaces. Treated and Painted as needed.
7. Flood Lights INOP, Cleaned Corrosion on Ground Wires. Ops Check Normal.
8. Tightened Hydraulic Line on Landing Gear Handle in Cockpit due to small weep. No Further Leaks Detected.

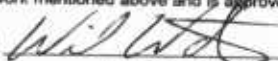
B. Airworthiness Directives Complied With:

9. AD 83-14-04 Heat Exchanger Insp. No Defects Noted
10. AD 2011-10-09 Seat Track, Roller, Tangs, and Pin Inspection. All Checks Within Limits at this Time.
11. AD 2011-23-03 Map Light Switch Insp. No Defects Noted
12. No Further AD's Due this Inspection.

The aircraft identified above was inspected and Maintained in accordance with current Regulations of the Federal Aviation Administration and all Manufactures Recommendations pertaining only to the work mentioned above and is approved for return to service at this Time and Date.

Authorizing Signature:

Printed Name:


Wilson Walters

A&P 3143443 IA

United Standard Aerospace L.L.C.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>

YEAR
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DATE

ATC Transponder tests and inspections as required by FAR 91.413 I/A/W FAR 43, Appendix "F", have been performed:

Transponder #1 Model RT359A S/N 25859
 Transponder #2 Model _____ S/N _____
 Date 12/14/15 Signature [Signature]
 Work Order No. 13271

AURIC AVIONICS & INSTRUMENTS
 6101 G. BELLANCA DR. NEW ORLEANS, LA 70126
 FAA APPROVED REPAIR STATION NO: UAWR246L
 504-245-0072 PHONE
 504-245-2495 FAX

N4718R

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 I/A/W FAR 43, Appendix "E" have been performed:

APPENDIX "E"
 Para (a) Static System 12/14/15 (date)

Para (b) Altimeter (s)
 Pilots 5934P-1 C/P's _____
 S/N N2157 S/N _____

Encoder: Cessna (Acrosonic) P/N 744001-0101 S/N C110251
 Tested to 20,000 feet
 Date 12/14/15

Para (c) Integrated System Test 12/14/15 (date)
 Signature [Signature] Work Order No. 13271
 AURIC AVIONICS & INSTRUMENTS
 6101 G. BELLANCA DR. NEW ORLEANS, LA 70126
 FAA APPROVED REPAIR STATION NO: UAWR246L

YEAR
20
DATE

Date	12/16/16	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	HOBBS	615.2
Registration #	N4718R		TACH	1067.5
Serial #	0015		TTAF	3627.0
			Model	172RG

ations
(number of
entries.)

AIRFRAME LOG ENTRY

PERFORMED 100 HOUR/ ANNUAL INSPECTION I.A.W. FAR 43(D) AND CESSNA 172RG SERIES SERVICE MANUAL C/W 91.207(D) OPS CHECKED NORMAL. BATT DUE 1-2018. REGULAR SERVICE AND LUBE. INSTALLED NEW STATIC WICKS PN: C592001-0201. INSTALLED NEW RIGHT MAIN TIRE AND TUBE PN: 301-249-006 TIRE, PN: 097-500-0 TUBE. INSTALLED NEW BRAKE PADS AT THIS TIME PN: RA066-30026 4 EACH. CLEANED, INSPECTED AND REPACKED WHEEL BEARINGS. INSTALLED MAIN WHEELS. TORQUED AND SAFTIED AXLE NUTS. INSTALLED AND SAFTIED BRAKE TIE BOLTS. REMOVED NOSE STRUT ASSEMBLY. INSTALLED REBUILD KIT PN: NSS-KT-1. SERVICED WITH 5606 AND NITROGEN. INSTALLED NOSE WHEEL. TORQUED AND SAFTIED AXLE NUT. INSTALLED NEW BONDING STRAP LEFT ELEVATOR PN: 1570102-14. INSTALLED NEW INDUCTION AIR FILTER AT THIS TIME. BRACKET PN: BA5805. INSTALLED NEW EGT PROBE PN:86255. FRESH AIR AND HEATER DUCTS REPLACED AT THIS TIME PN: S1110ET 19.50 AND PN: F222077. C/W A.D. 83-14-04 HEAT EXCHANGER INSPECTION. NO DEFECTS NOTED. NEXT DUE 1167.5 TACH. C/W A.D. 2011-10-09 SEAT TRACK, ROLLER, TANGS, AND PIN INSPECTION. NO DEFECTS NOTED. NEXT DUE 1167.5 OR ANNUAL. C/W A.D. 2011-23-03 MAP LIGHT SWITCH INSPECTION. NO DEFECTS NOTED. REMOVED TIRM ACTUATOR. CLEANED, INSPECTED, AND REGREASED. INSTALLED NEW ROD END ATTACH BOLT AT THIS TIME. CYCLED GEAR THROUGH SEVERAL FAULT FREE CYCLES. PERFORMED EMERGENCY GEAR EXTENSION. GREASED GEAR I.A.W. A.M.M. SERVICED PUMP RESERVOIR. SERVICED AND BLED BRAKES. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED I.A.W. 100 HOUR/ ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. APPROVED R.T.S.

Charles R. Hammonds A.P. 3725107

CHARLES L. HAMMONDS, II 3725107 A.P.

Michael Watson A.P. 438929507 I.A.

MICHAEL WATSON, A.P. 438929507 I.A.

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(Certificate Number of other specific entries.)

Crider Aircraft Painting, Inc.

Ph: 479-394-0111

9-8-17 Cessna 172RG N4718R S/N 172RG0015 WO# 2470

This aircraft stripped and repainted in accordance with aircraft manufacturer's specifications and paint manufacturers recommendations. Primary flight controls removed, checked balance, found to be within limits and re-installed.

All work completed in accordance with Cessna 172RG Series Maintenance Manual. Weight change negligible. Paint Brand: Axzo-Nobel Alumi-Grip and Sherwin Williams Jet-Glo. Base: Matterhorn White G1619 Trim: Aristo Blue 00412 Las Vegas Gold 10494

For Crider Aircraft Painting, Inc.

Rodger Crider
Rodger Crider
A&P3124263

Crider Aircraft Painting, Inc.

Ph: 479-394-0111

9-14-17 Cessna 172RG N4718R S/N 172RG0015 WO# 2470B

Removed old registration N4718R and applied new registration N95JA in accordance with FAA AC Form 8050-64 issued August 11, 2017.

For Crider Aircraft Painting, Inc.

Rodger Crider
Rodger Crider
A&P3124263

YEAR
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DATE

RECORDING
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ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

E.L.T. BATTERY

REPLACEMENT DATE

MAR 2025

YEAR
20 _____

MAKE Cass
MODEL 172
S/N 172RG
REG. NO. N
WORK ORD

Airframe

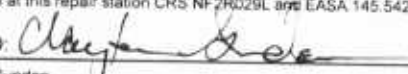
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- 10 Removed the broken spring assembly and replaced it with P/N 0511042-3 purchased from Textron Aviation. FAA form 8130-3 tracking number 5960488.
- 11 Center console plastic cover was cracked and broken. Replaced using P/N UK2415002-1-279 purchased from Vantage Plane Plastics. Part was fitted and installed.

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 EASA 145.5424 under Work Order No. 7355-02-2018. Dated 27 February, 2018.

DATE: 27 February, 2018

SIGNED: 
 Clayton Gunden
 Certified Repair Station No. NF2R029L

Work Order: 7355-02-2018

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YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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MAKE: Cessna
 MODEL: 172RG
 S/N: 172RG0015
 REG. NO: N95JA
 WORK ORDER: 6920-09-2017



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

DATE: 10 April, 2018
 A/C TSN: 3643.2
 TACH: 1083.7

Airframe Entries

4 Removed: ARC RT385A Nav/Com P/N 46660-1100, S/N 12143; ARC RT384A Nav/Com P/N 46660-1100, S/N 20915

Installed: Garmin GNC-255A Com/Nav Unit in the instrument panel center radio rack. The Garmin GNC-255A meets the requirements under FAA TSO-C34e, C36e, C40c, C128a, and C169a.

The Garmin GNC-255A will utilize the existing Nav. and Com antennas.

The GNC-255A uses 2 circuit breakers, one 2 amp labeled "Nav 2" and one 5 amp labeled "Com 2" located in the area of the avionics buss.

Reference Garmin GNC-255 TSO Installation Manual, Document No: 190-01182-02, Revision G, dated December 5, 2016.

For all structural work reference The Cessna 1977 thru 1986 Maintenance Manual Part Number D2065-3-13, Revision 3, dated July 1, 1995, and acceptable methods contained in AC 43 13-2B, Change 2, Chapters 1 & 2.

Wiring fabrication and interface were accomplished in accordance with The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995, the Garmin GNC-255 TSO Installation Manual, Document No: 190-01182-02, Revision G, Dated December 5, 2016, and AC 43 13-1B Change 1, Chapter 11.

For Instructions for Continued Airworthiness Reference JA Air Center Document No. ICA-172RG0015-GNC225A-6920-09-2017

Removed: United Instrument 6111 Manifold Pressure Indicator P/N C662035-0104; Jet 3320 Tachometer P/N 3320-00038, S/N 107631 with 1083.7 Hours on the display; Rochester 6247-00080 Fuel Quantity Gauges P/N C669562-0101, S/N 582; Rochester 6247-00081 Cylinder Head and Oil Temperature Gauge P/N C669561-0101, S/N 019; Rochester 6247-00079 Ammeter and Oil Pressure Gauge P/N C669560-0101, S/N 013; Fuel Pressure Gauge, Manufacturer Unknown, P/N C662023-0104, S/N 25669; J.P. Instruments EDM 700; Graphic Engine Monitor P/N EGT701-4C-F0, S/N 27769; Alcor EGT Probe Model 3.63, P/N 46150, S/N 235871; Superior Labs Suction Gauge P/N SL1003-001-1, S/N Unknown; Astro Tech LC-2 Clock P/N AT420100, S/N Unknown; Fuel Flow Transducer P/N Unknown, S/N Unknown.

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YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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20__				<p>DATE Installed: STC SA02825NY, Aerospace Logic Aircraft Instruments: Fuel Level Gauge P/N FL202, Oil Pressure and Temperature Gauge P/N OPT200K, Manifold Pressure/Tachometer P/N MT200KS, Aircraft Total Time at Installation is 3643.2, and Fuel Pressure/Ammeter/Voltmeter P/N FA200VK, ECT204 EGT/CHT Gauge, identified in document No. S200-CPL, Revision 1.0, dated 12/02/2009 or later Transport Canada approved revisions, as primary or secondary, new or replacement instruments. Installation must be in accordance with Aerospace Logic Document No. S200-CIL, Revision 1.0. Dated 12/02/2009, Transport Canada Approved 12/14/2009, or later Transport Canada approved revisions.</p> <p>Reference the following Documents; FAA Approved Model List Dated July 28, 2010 as amended October 10, 2012; Aerospace Logic Inc's Document No. S200-CPL, Revision 1.2 dated January 3, 2017; Document No. S200-CIL, Revision 1.2 dated January 3, 2017; The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995; AC43 13-1B, Change 1, Chapters 10, 11, and 12, and AC43 13-2B, Chapters 2 and 3.</p> <p>Included the Transport Canada Approved Airplane Flight Manual Supplement, Document No. S200-FMS, Revision 1.0, Dated December 2, 2009 or later Transport Canada approved revision in the aircrafts paperwork.</p> <p>For the Instructions for Continued Airworthiness Reference Aerospace Logic Inc. Document No. S200-ICA, Revision 1.4. Dated January 3, 2017 or later approved revision. This document has been included with the aircraft paperwork.</p> <p>Removed: Cessna Audio Panel P/N 2470010-1, S/N N/A.</p> <p>Installed: Garmin GMA 340 Audio Panel in the instrument panel center radio stack. The Garmin GMA340 Audio Panel is FAA TSO Approved to TSO-C50c and TSO-C35d.</p> <p>The Garmin GMA 340 Audio Panel uses a 5-amp Circuit Breaker located in the avionics bus area and is labeled "Audio Panel"</p> <p>All work has been done in accordance with The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995; the Garmin GMA 340 Audio Panel Installation Manual Document No. 190-00149-01, Revision L, dated June 30, 2003; AC43 13 13-1B Chapters, 10, 11 and 12 and AC43 13-2B Chapters 2 and 3.</p> <p>Maintenance of the GMA 340 is 'on condition' only. Periodic maintenance is not required. Refer to the GMA 340 Audio Panel Maintenance Manual P/N 190-00149-02, Revision B, dated June 7, 2001</p> <p>Equipment has been checked as directed by manufacturer instructions. Equipment functions properly. There were no adverse effects with any of the other aircraft systems.</p>

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For Instructions for Continued Airworthiness reference J.A. Air Center Document No. ICA-172RG0015-GMA340-6920-09-2017 which has been included with the aircrafts paperwork

INSTALLED: One (1) Guardian Avionics LLC Dual USB Charging Port IFDR USB 250 Series, P/N 200-101A mounted in the lower right hand corner of the Co-Pilots instrument panel at F.S. 16.2.

The Guardian Avionics USB Charging Port P/N IFDR USB 250 series, P/N 200-101A meets the following FAA approval basis and design data; FAA memorandum number PS-AIR-21.8-1602, Design Standard: Guardian Avionics Report 0001, Drawing 200, Revision H, dated September 16, 2016 or later approved revisions.

The Guardian Avionics USB Charging port is tied to a single 2 amp circuit breaker located in the area of the avionics buss and labeled "USB".

All work has been done in accordance with the Guardian Avionics Installation Manual/Instructions for use document No. 250-M, Revision A, dated August 18, 2016; Guardian-Avionics-iFDR-Power-250-USB-Installation-Drawings, Revision E, Dated January 6, 2018; The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995, and AC43.13-1B Chapters 10, 11, 12 and AC43.13-2B Chapters 2, 3.

*The USB Charger does not require periodic scheduled servicing or periodic scheduled preventive maintenance. Field repair or service is allowable on all of the installed system components except for the USB Charger itself. The USB Charger must be returned to Guardian Avionics LLC for all services. The aircraft wiring harness, circuit breaker shall be included maintenance instructions for general visual inspections for system integrity, installation security, corrosion and chaffing. No Scheduled maintenance is required. Reference the Guardian Avionics Installation Manual/Instructions for use document No. 250-M, Revision A, dated August 18, 2016.

For Instructions for Continued Airworthiness reference J.A. Air Center Document No. ICA-172RG0015- GUARDIAN USB CHARGING PORT-6920-09-2017 and the Guardian Avionics Installation/Instructions for Use Manual Document No. 250-M, Rev. A, dated August 18, 2016. These documents have been included in the aircraft paperwork.

Removed: Falcon Gauge GH02E-3B Electric Horizon P/N Unknown, S/N GHEB0902001; Tempest P/N AA3215CC Dry Air Pump S/N 02LA18; Cessna/Airborne 2H3-16 Vacuum Regulator P/N C482001-0401, S/N 3E; Aeritalia Model 31101C; Directional Gyro P/N C661075-0106, S/N 38860; Aeritalia Model 36101C; Horizon P/N C661076-0105, S/N 33698.

Installed: Installed Garmin's Dual G5 Electronic Flight Instrument's, one (1) attitude indicator, one (1) HSI indicator, and two (2) backup batteries with the optional GAD29B data buss converter and GMU11 magnetometer in accordance with STC No. SA01818WI and the FAA approved Aircraft Model List (AML), Revision Original, dated July 22, 2016; the Garmin Master Drawing List (MDL), Document No. 005-01112-01, Revision 7, Dated June 21, 2017; the

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				Installation Manual Document No. 190-01112-10, Revision 7, Dated June 20, 2017; The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995, and AC43 13-1B, Change 1, AC43 13-1B, Change 1, Chapters 11 and 12, and AC43 13-2B, Chapters 2 & 3	Revision 9
				Each G5 instruments and the GMU 11, use a single 5-amp circuit breaker labeled "Horizon/HSI" located on the avionics buss. The GAD 29B uses a single 5-amp circuit breaker labeled "GAD29B" located on the avionics buss.	Removed 71605;
				Installed the FAA Approved Airplane Flight Manual Supplement, Document No. 190-01112-13, Revision 2, Dated April 28, 2017 or later FAA approved revision in the Pilots Operating Handbook.	Installed: 1
				For the Instructions for Continued Airworthiness reference Garmin G5 Part 23 AML STC Maintenance Manual including Instructions for Continued Airworthiness, Document No. 190-01112-11, Revision 2, Dated March 14, 2017. This document has been included with the aircraft paperwork.	STC docu 190-0073/ 12, dated AC43 13-
				Complied with Altimeter & Static Tests in accordance with Part 43 appendix E paragraphs (a) and (b) to 20 000 feet as required by 14 CFR 91.411 this date.	Installed C
				Removed: ARC IN346A ADF Indicator P/N 40980-1001, S/N 28107; ARC L346A ADF Antenna Loop P/N 41000-1000, S/N 32914; Sigtronics Corp. SPA400 ICS System P/N SPA-400TSO, S/N 6-52809; BendixKing KN64 DME P/N 066-1088-00, S/N 22160; Apollo GX55 GPS P/N 430-6050-201, S/N 6013862; ARC RT385A Nav/Com P/N 46660-1100, S/N 12143; ARC RT385A Nav/Com P/N 46660-1100, S/N 20915; ARC R546E ADF Receiver P/N 41240-0001, S/N 28826; ARC IN385A Nav. Indicator P/N 46860-1000, S/N 9992; ARC IN386A Nav. Glide Slope Indicator P/N 46860-2000, S/N 9526; ARC R443B Glideslope Receiver P/N 42100-0000, S/N 10699; ARC R402A Marker Receiver P/N 42410-512828, S/N 16727; ARC A109A DME Antenna P/N 4530-0001, S/N 14164; ADF Sense Antenna P/N N/A, S/N N/A; Cessna Marker Antenna P/N N/A, S/N N/A.	The Garm 08, 2018 Instructor Referenc revision f
				Installed: Garmin GTN-650 Navigation System with in accordance with Garmin STC# SA02019SE-D, the FAA approved Master Drawing List, document No. 005-00533-C0, Revision 15, dated September 16, 2016 or later FAA approved revision, the Garmin GTN 6XX/7XX Part 23 AML STC Installation Manual, document No. 190-01007-A3, Revision 10, dated September 8, 2016; The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995, and AC43 13-1B, Change 1, Chapters 11 and 12, and AC43 13-2B, Chapters 2 & 3.	This trans
				Made and installed doubler and Installed One (1) Garmin GPS/WAAS Antenna Model GA35, P/N 013-00235-00 located at FS 47.0.	REMOVE Dome & f
				Installed Garmin FAA approved Airplane Flight Manual Supplement document No. 190-01007-A2, Revision 6, dated September 09, 2016 in the Pilots Operating Handbook.	INSTALL! Installed! approval: Cage Co
				For Instructions for Continued Airworthiness reference Garmin System Maintenance Manual GTN 6XX/7XX Part 23 AML STC, document No. 190-01007-A1.	The Arte

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Revision 9, dated September 16, 2016 or later approved revision.

Removed: ARC RT359A Transponder P/N 41420-1128, S/N 456, BendixKing KA 60 Transponder Antenna S/N Unknown, ACK A-30 Encoder, ACK-A-30, S/N 71605;

Installed: Garmin GTX-345 ADS-B transponder in accordance with STC SA01714WI, Garmin's STC Master Drawing List GTX 33X and GTX 3X5 ADS-B AML STC document No. 005-00734-04, Revision 9 dated October 13, 2016; Garmin's GTX 33X Part 23 AML STC Installation Manual document No. 190-00734-10, Revision 8 dated October 11, 2016; Garmin's GTX 33X and GTX 3X5 ADS-B AML STC Equipment List Drawing No. 005-00734-05, Revision 12, dated October 13, 2016; The Cessna Model 172RG Series 1980 through 1985, Document No. D2066-1-13, Revision 1, Dated October 2, 1995, and AC43.13-1B, Change 1; AC43.13-1B, Change 1, Chapters 11 and 12, and AC43.13-2B, Chapters 2 & 3.

Installed Comant CI-105 Transponder Antenna in the location of the removed transponder antenna located at F S 60.0.

The Garmin GTX 33X and GTX 3X5 Transponder FAA Approved Airplane Flight Manual Supplement Document No. 190-00734-15, Revision 2, dated March 08, 2016 or later FAA approved supplement has been provided with the aircraft paperwork.

Instructions for Continued Airworthiness
Reference Garmin GTX 33X and GTX 3X5 ADS-B Maintenance Manual document No. 190-00734-11, Revision 5, dated October 5, 2016 or later approved revision for.

This transponder was tested in accordance with 14 CFR Part 43 Appendix F with IFR, ATC-601-2 Test Set, for compliance with 14 CFR 91.413 this date.

REMOVED

Dorne & Margolin ELT 6, P/N C589511-0117, S/N 36430, Dorne & Margolin ELT Antenna, P/N N/A, S/N N/A.

INSTALLED:

Installed the Artex model 345 Emergency Locator Transmitter P/N A3-06-2880 which is manufactured and certified under FAA TSO C126b, type AF approvals. The lithium battery packs used on the Artex ELT 345 are certified under TSO C142a. Hexidecimal Code: 2DC885BE4CFFBFF, Country Code 366, Cage Code 18560.

The Artex Model 345 was installed at F S 141.0.

YEAR
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RECORDING
TACH

TODAY'S
ENTRY

TOTAL
YEAR IN

Description of Inspections, Tests, Repairs and Alterations

MAKE: Cessna
MODEL: 172RG
S/N: 172RG0015
REG. NO: N95JA
WORK ORDER: 6920-09-2017



J.A. Air Center

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

DATE: 10 April, 2018
A/C TSN: 3643.2
TACH: 1083.7

Airframe Entries

- 1 Completed an Annual Inspection on this aircraft as per Cessna Model 172RG Service Manual Inspection Chart for an Annual Inspection as a guide and AC 43.13-1B Chapter 9. Tested and inspected the ELT as per FAR91.207d. ELT battery expiration date is March 2025. See the following items for additional service and repairs.
- 6 Replaced LH and RH flexible defrost CAT-8 Ducting
- 8 Installed new Pilot and Copilot Control yoke tubes p/n 0413213-23
- 9 Installed new SCAT type ducting as needed behind the instrument panel.
- 10 Cleaned matting surfaces and reinstalled both main landing gear leg step pads with 3m 1300L adhesive.
- 11 Installed new cabin air inlet p/n 072202-1-791 in the RH wing leading edge with a new 0522200-1 fitting
- 12 Fitted, drilled & installed Wingtip stiffeners P/N 0723629-4 on top & bottom of both wing tips. Also installed new nut plate for the LH tip.
- 13 Installed new Speaker Cessna PN C592001-0201
- 14 Installed new aircraft master switch PN S1994-1-1
- 15 Installed new Lighting Control Resistor P/N S2091-5
- 16 Installed New Mixture Control Cable P/N 345-024-5
- 17 Installed new SCAT-12 ducting on both inlet & outlet connections for the cabin heat exchanger.
- 18 Installed new protective Cover on Starter Relay PN 07112765-3
- 19 Installed new fuel selector placard p/n 0705048-34
- 22 Replaced deteriorated baffle material on the upper and lower portions of the nose cowl. Added nut plates that were missing P/N S1972-4.
- 24 Installed used, serviceable cabin heat exchanger shroud p/n 1254012-14. Drilled holes as required for previous compliance with AD 83-14-04.
- 29 Installed new Fuel pump P/N C291506-0102 located on the engine firewall.
- 31 Removed damaged static wicks on LH elevator and rudder, and installed new P/N C592001-0201 wicks.

YEAR	RECORDING YEAR	TODAY'S FLIGHT	TOTAL YEAR IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be ordered with Name, Rating and Certificate Number of</small>
32				Removed LH and RH aileron direct cable fuselage mounted pulleys and replaced with new parts as per Cessna 172RG Maintenance Manual Section 6-12. Removed LH and RH flap pulleys and replaced with new parts as per Maintenance Manual Section 7-14. Removed elevator rear up cable pulley and forward rear down cable pulley and replaced with new parts as per Maintenance Manual Section 8-12. Parts installed S378-2, -3, -4 & -4S.
34				Replaced outer RH main and both LH main gear wheel bearings P/N LM29749 and races P/N LM29710. Replaced both nose wheel bearings P/N LM67048 and races P/N LM67010.
35				Replaced nose tire with new tire P/N 072-312-0.
36				Installed new pilot control yoke p/n 0513260-4 with new 0405066-15 emblem
37				Removed the RH main landing gear actuator. Disassembled, cleaned and inspected actuator. Reassembled with new MS28775-135, -214 & -224 o-rings. Reinstalled actuator with new MS28775 hydraulic line fitting o-rings. Rigged actuator as per the Cessna 172RG service manual. Operated landing gear thru several fault free cycles, including emergency extensions with no leakage detected.
38				Installed new landing gear hydraulic Power Pack filter dip stick screen P/N 1280809-4.
39				Gear Warning switch was rigged in accordance with Model 172RG Service Manual Section 5-42. Rigging Flap-Operated Gear Warning System.
40				Resealed Nose Gear actuator as described in the Model 172RG Service Manual Section 5-115, through 5-119 with new MS28775 & S1628 o-rings. Installed new flexible hoses p/n AE663231E0096 & AE3663231E105 to the actuator. Also installed new downlock guide "T" p/n 9882024-1. Operational cycling of Landing Gear proved Airworthy with no leakage noted.
41				Installed new engine air filter duct p/n 2452011-7
42				Replaced taxi light lamp with new part P/N GE 4591.
43				Replaced ring connector on landing light wire at the bulb.
44				Corrected alternator belt tension as required
46				Installed new fuel cap seals P/N B100142-1 with new Slip rings. P/N B100143-1
47				Removed landing gear selector valve and disassembled. Inspected valve and reassembled with new MS28775-008, -014 & -027 o-rings. Reinstalled valve, cycled landing gear and detected no valve leakage.
48				Installed new knee protectors p/n 0513292-4 & -5 with new cover plates p/n 0513573-3 and -4.
50				Complied with AD 2011-10-09 by inspecting the seats and seat rails o issues detected. Inspection is due again within 100 hours or 12 months, whichever occurs first.
51				Complied with AD 2001-23-03 by inspecting the map light switch and fuel line per SEB00-1. No evidence of chafing or arcing detected. Inspection is due again with the next 12 calendar months.
56				Installed (2) new static ports p/n S1776-1. Tested altimeter, altitude reporting, static system and transponder to 20,000 ft as required by 91.411 & 91.413. United 5934P-1 S/N N2157, G5 S/N 4JQ011674, G5 4JQ011993, GTX 345 S/N 3EG008993.

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