

AIRCRAFT LOG
AF5-1

AIRCRAFT DESCRIPTION

MANUFACTURER Cessna MODEL 177RG DATE OF MFG. _____

SERIAL NUMBER 177RG-1296 REGISTRATION NUMBER N34502

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status (Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

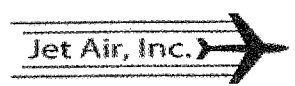
MAINTENANCE RESPONSIBILITY _____

REG #	N34502	Signature TECHNICIAN 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	11-23-16
MODEL	CE 177RG		W/O	STP-16-025613
SERIAL #	177RG1296		HOBBS	
			A/C TT	
		TACH	2560.9	

1. Removed and replaced nose tire tube with new P/N 092-308-0. In accordance with Cessna 177RG Maintenance Manual.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 11-23-16 SIGNED Clinton L. DeMars
Clinton L. DeMars CRS YRJR826K



Jet Air Inc. (KIOW)
1801 S. Riverside Dr.
Iowa City, IA 52246
Ph. (319)-248-1200

Date: 12/19/2016; Aircraft: N34502
TACH: 2562.5 CESSNA 177RG S/N: 177RG1296 AFTT: 2562.5 W/O# SHI-16-11471
REMOVED TRANSPONDER P/N RT359A S/N 14301 AND SENT OFF SITE FOR REPAIRS.
INSTALLED REPAIRED TRANSPONDER P/N RT359A S/N14301 FROM SPENCER AVIONICS,
INC. CRS# KU2R965K UNDER WORK ORDER NUMBER 7332.
I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition

Date 12-19-16 Signed, [Signature]
For Jet Air, Inc.-IOW FAA CRS I2JR069B



Date: 1/16/2017; Aircraft: N34502
Cessna 177 RG S/N: 177RG1296 Tach: 2564.7 TT: 2564.7 Work Order: SPG-16-2363
Removed the previously installed ARC RT-359A transponder.
Installed in this A/C one, Bendix/King KT-74 transponder, P/N 89000007-002001 S/N 02521, capable of ADS-B Out functionality using the KT-74 X-pdr and the GNS-430W as a position sensor, in accordance with Master Drawing List, E-BK-13-0002, Rev.D, dated 03/19/2014. This installation completed under STC SA00765DE. The KT-74 has been programmed for a Mode S code of; A3D254, and max speed below 300 kts. Interfaced the KT-74 RS-232 data input (pin 7) to the existing Garmin GNS-430W RS-232 #1 output (pin 56). Returned the GNS-430W to Garmin to update the MAIN and GPS software to 5.30 and 5.00 respectively, and reinstalled as removed to enable ADS-B data transfer to the KT-74. The modified aircraft must be maintained in accordance with the ADS-B Out System I. C. A. as referenced on the FAA form 337 completed this date. The airplane flight manual supplement, P/N: E-BK-13-0009, Rev. IR, dated March 14, 2014, or later FAA approved revision, must remain onboard the modified aircraft.
Changes to the aircraft weight and balance data deemed negligible following this component exchange, and a revision to the aircraft equipment list completed following installation of above listed items. Completed the installation and programming of the transponder as per the instructions contained in the KT-74 Installation Manual.
Conducted the FAR 91.411 & FAR 91.413 system checks and transponder output verifications of the ATRBS system as per the KT-74 Installation Manual. All parameters found to be within perscribed tolerances. The FAA form 337, KT-74 STC, I.C.A., and post installation checklist and ground test card are included in the aircraft logs.
I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition.

I certify this aircraft static system has been tested and inspected with reference to FAR 43, appendix E paragraph (a) to an altitude of 1,000 ft AGL. Aircraft Altitude Reporting System tested and inspected with reference to FAR 91.411 to an altitude of 20,000 feet MSL. Aircraft transponder checked and certified with reference to FAR 91.413. Aircraft altimeter checked and certified with reference to FAR 43 appendix E.

TXP MODEL: King KT74 S/N: 02521 TSO: C112d
ENC MODEL: ACK A-30.9 S/N: 138031 TSO: C88a
ALT MODEL: United Instruments p/n 5934P-1 S/N: L5915 TSO: C10b
I certify that the above stated maintenance and /or inspection was performed with reference to the current regulations of the Federal Aviation Administration

Date 1-16-2017 Signed, [Signature]
for Jet Air Inc. CRS # JAFR110F Galesburg, Illinois 61401

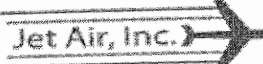

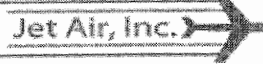

D.T.

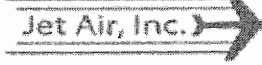
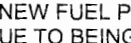
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cFarlane website of
Type Certificate.

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	AUTHORIZED SIGNATURE CERTIFICATE NO.	A.D./BULL. NUMBER	ITEM AFFECTED	HRS. COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
	Jet Air Inc. (K1OW) 1801 S. Riverside Dr. Iowa City, IA 52246 Ph. (319)-248-1200							
	Jet Air, Inc. 							
	Date: 8/10/2018; Aircraft: N34502 TACH:2851.6 CESSNA 177RG S/N: 177RG1296 AFTT: 2851.6 W/O# SHI-18-12127 INSTALLED NEW TAXI LIGHT P/N 4591. REMOVED BAD STARTER P/N MHB4016 S/N G102427. INSTALLED OVERHAULED STARTER MHB-4016 S/N 10M000075 FROM AEROTECH CRS# PU4R453M UNDER WO# 126402. I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition							
	Date <u>8-10-2018</u> Signed,  For Jet Air, Inc.-IOW FAA CRS I2JR069B							
	Jet Air Inc. (K1OW) 1801 S. Riverside Dr. Iowa City, IA 52246 Ph. (319)-248-1200							
	Jet Air, Inc. 							
	Date: 8/31/2018; Aircraft: N34502 TACH:2863.2 CESSNA 177RG S/N: 177RG1296 AFTT: 2863.2 W/O# SHI-18-12160 DISASSEMBLED NOSE STRUT. ASSEMBLED NOSE STRUT WITH NEW O-RINGS P/N MCS24198-1, MCS1628-329, MS28775-329 AND MS28775-225. SERVICED NOSE STRUT WITH 5606 AND NITROGEN. INSTALLED NEW ELT BATTERY P/N BP-1020. ELT BATTERY EXP: OCT 2020. I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition							
	Date <u>8/31/2018</u> Signed,  For Jet Air, Inc.-IOW FAA CRS I2JR069B							

A.D./BULL. NUMBER	AUTHORIZED SIGNATURE CERTIFICATE NO.	A.D./BULL. NUMBER	ITEM AFFECTED	HRS. COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
	Jet Air Inc. (K1OW) 1801 S. Riverside Dr. Iowa City, IA 52246 Ph. (319)-248-1200							
	Jet Air, Inc. 							
	Date: 12/27/2018; Aircraft: N34502 TACH:2896.4 CESSNA 177RG S/N: 177RG1296 AFTT: 2896.4 SHI-18-12277 Removed inspection covers, panels, cabin interior, and engine cowling's. Checked all trim tab actuators. Checked wings, fuselage, and tail section. Lubricated all flight controls. Checked and set cable tensions. Checked all cabin interior, loose equipment, electrical system, interior and exterior lights. Checked windows, doors, and seals. Removed battery, serviced, charged, cleaned battery box, and re-installed battery. Checked and lubricated landing gear. checked/serviced shimmy dampener. Checked tires, brakes, and repacked wheel bearings. Serviced all hydraulics. Ran gear retraction test, checked emergency system and found systems to operate normal. C/W FAR 91.207 Inspection of E.L.T. for proper installation, battery corrosion, operations of controls and crash sensor, and signal strength. Next inspection due: DEC 2019. ELT BATTERY change due: OCT 2020 Complied with the followings items: C/W AD 2011-10-09 SEAT & SEAT RAILS INSPECTION. NEXT INSPECTION DUE: TACH 2,996.4 OR NEXT ANNUAL. C/W AD 2015-19-07 FUEL INJECTION LINES & CLAMPS INSPECTION. NEXT INSPECTION DUE: TACH 2,996.4 OR NEXT ANNUAL. C/W SEB 57-03 LOWER SPAR CAP INSPECTION. NEXT INSPECTION DUE: TACH 2996.4 OR NEXT ANNUAL. SB 621B NOT APPLICABLE. NEW FUEL PUMP INSTALLED 12/27/2018 TACH:2896.4. SB 596 DOES NOT APPLY DUE TO BEING OVERHAULED ON 12/20/2018 TACH: 2,896.4. SB 581A PREVIOUSLY COMPLIED WITH. NO FURTHER ACTION NEEDED.							
	Date <u>12/27/2018</u> Signed,  For Jet Air, Inc.-IOW FAA CRS I2JR069B							

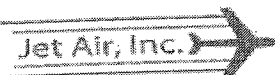
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Type Certificate.

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

ALTIMETER & STATIC SY F.A.R. 91.41

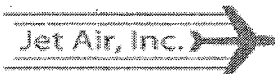
A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.	DATE	MANUF.
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Jet Air Inc. (KIOW)
1801 S. Riverside Dr.
Iowa City, IA 52246
Ph. (319)-248-1200

SB 548A AND SB565 DOES NOT APPLY. NEW FUEL PUMP INSTALLED 12/27/2018 TACH: 2,896.4.
C/W SB 518D. AFFECTED BYPASS VALVE P/N NOT INSTALLED. REPLACED INDUCTION AIR WITH NEW BA5705. REPLACED VAC REG. FILTER WITH NEW B3-5-1 NEXT DUE REPLACEMENT AT ANNUAL INSPECTION OR TACH: 2996.4. INSTALLED NEW GOODYEAR 15X6-6 TIRE P/N 156E66B1, S/N 63585836 AND INNER TUBE GOODYEAR G15/6.00-6. INSTALLED NEW ALTERNATOR BELT P/N 37A19773-376. INSTALLED NEW R/H WING FUEL SUMP P/N S2020-2. INSTALLED NEW OIL TEMP SENSOR GASKET P/N MS35769-11. RESEALED LEAKING STATIC SYSTEM LINES. Performed engine run-ups, no leaks noted. Installed all covers, inspection covers, cabin interior and engine cowling's. And have found this airframe to be in an airworthy condition as of this date. I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

Date 12-27-2018 Signed, [Signature]
For Jet Air, Inc.-IOW FAA CRS I2JR069B



Iowa City, IA 52246
Ph. (319)-248-1200

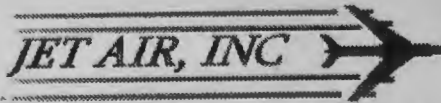
Date: 12/27/2018; Aircraft: N34502
A/C #: N34502, S/N:177RG1296, Tach:2,896.4, W/O:SHI-18-12277

I certify this aircraft static system has been tested and inspected with reference to FAR 43, appendix E paragraph (a) to an altitude of 1,000 feet MSL.
Aircraft altitude reporting system tested and inspected with reference to FAR 91.411 to an altitude of 20,000 feet MSL.
Aircraft transponder certified with reference to FAR 91.413, FAR 43 Appendix F
Aircraft altimeter certified with reference to FAR 43, appendix E.

Transponder M/N: BENDIX/KING KT-74 S/N:02521 TSO:C112
Altimeter M/N:UNITED INSTR. 5934P-1 S/N:L5915 TSO:C10b
Encoder M/N:A.C.K. A-30.9 S/N:138031 TSO: C88a

Signature: [Signature]
For Jet Air, Inc.-IOW Repair Station I2JR069B

cfarlane website
Type Certificate.

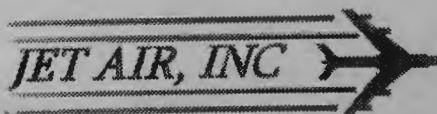


Date: 10/25/2019; Aircraft: N34502

M/N: 177RG S/N 177RG1296 Tach: 2945.5 AC TT: 2945.5 HM: 430.8 Shop Order: SPG-19-3093

Performed ANNUAL inspection using MFG's MM for this aircraft and Jet Air ck list.

- Installed new BA5705 air filter and new B3-5-1 vacuum filter - next due @ annual insp
- Installed new LW-12347 Prop Gov pad and 72053 gasket to prevent leakage.
- Found Cowl flap cables loose, tightened busings & secured cables - ops OK
- Replaced MS35489-34 grommet on nose gear spade door retract cable
- Fabricated manifold drain line and secured to firewall IAW C-177RG MM
- Cleaned upper Cowling and applied anti-chafe tape in baffle seal area
- Repaired broken wire on NLG warning switch - cked ops on retract - OK
- Replace 10 eng cowl fasteners with S1115-19 receptacles
- Replaced 34-0448020-65 lamp in RH Nav light
- Verified crack in rear bulkhead P/N 1712104-10. Removed old blkhd and replaced with serviceable part.
- Ran gear retraction, checked and lubed all controls and systems as needed.
- Installed new 500-5 tire on nose wheel - pt # 505C41-4



- Checked avionics, interior and exterior lights and replace as necessary
- SI Inspection 57-11-03 on carry thru spar not due until 10,000 TT.
- CW AD2011-10-09 on seat rails, rollers, flanges, pins & holes - cked ok
- CW AD2015-19-07 on fuel injection lines/clamps - Cked ok

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

Date 10/25/2019 Signed [Signature]
for Jet Air Inc. CRS # JAFRT10F Galesburg, Illinois 61401

JET AIR, INC



Date: 4/16/2020; Aircraft: N34502
Tach: 2973.4 Cessna 177RG s/n: 177RG1296 AFTT: 2973.4 SPG-20-03213

Replaced R/H main tire p/n 156E66B1 s/n 72575870. Cleaned and lubed wheel bearings and inspected brakes.

I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition.

Date 4-16-2020 Signed [Signature]
for Jet Air Inc. CRS # JAFR110F Gatesburg, Illinois 61401

Jet Air, Inc.

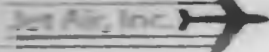


Jet Air Inc. (K1OW)
1801 S. Riverside Dr.
Iowa City, IA 52246
Ph. (319)-248-1200

Date: 6/10/2020; Aircraft: N34502
TACH:2990.6 CESSNA 177RG S/N: 177RG1296 AFTT: 2990.6 W/O# SHI-20-12844
REMOVED PROP P/N B3D36C428 S/N 101049 AND SENT OFF SITE FOR REPAIR.
INSTALLED REPAIRED PROP P/N B3D36C428 S/N 101049 FROM AIRCRAFT SPECIALISTS
CRS PZ4R458M W/O PRP20-04170.
C/W SEL-57-09 - CARRY-THRU SPAR CORROSION INSPECTION. DROPPED HEADLINER
AND PERFORMED INSPECTION. DUST FOUND ON FORWARD LOWER SURFACE AND
KICK AREA. CLEANED SPAR USING SOLVENT CLEANER, REFINISHED SURFACE IN
ACCORDANCE WITH SEL57-09 AND REINSTALLED INTERIOR. RESECURED WIRING
TOUCHING PITCH BELL CRANK OVER THE CENTER CONSOLE. INSTALLED 2 NEW
TINNERMAN CLIPS ON R/H WINGTIP P/N AO1788-8Z1D. AND LH WING TIP.

I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition

Date 6-10-20 Signed, [Signature]
For Jet Air, Inc.-IOW FAA CRS I2JR069B



1801 S. Riverside Ln
Iowa City, IA 52246
Ph. (319)-248-1200

Date: 6/17/2020; Aircraft: N34502

TACH:2990.6 CESSNA 177RG S/N: 177RG1296 AFTT: 2990.6 W/O# SHI-20-12861,12869

REMOVED LANDING LIGHT P/N GE-4591 S/N N/A

INSTALLED NEW WHELEN LED LANDING LIGHT P/N LMS-SCD-042-1 S/N N/A

337 FORM COMPLETED AND PLACED IN AIRFRAME LOG BOOKS

REMOVED RH SIDE FLAT TUBE P/N 302-246-401 AND BROKEN R/H WHEEL HALF'S P/N

D-30661, D-30656. INSTALLED NEW TUBE P/N 302-246-401 AND SERVICEABLE

INSPECTED R/H,LH WHEEL HALF'S P/N D-30661, D-30656 FROM FLYING COLORS AIR

PARTS W/O 3097,3099.

INSTALLED NEW LH NAV LIGHT BULB P/N W1290-28.

INSTALLED NEW TAXI LIGHT BULB P/N 4587.

INSTALLED 2 NEW SNAP RINGS ON COWL FASTENERS.

I certify that this aircraft has been inspected with reference to the work identified above and was determined to be in airworthy condition

Date 6-17-20 Signed, 

For Jet Air, Inc.-IOW FAA CRS I2JR069B

MAKE Cessna
MODEL C-177RG
S/N 177RG1296
REG NO N34502
WORK ORDER
Murrieta10387-10-2020



Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone 951-698-4260

DATE: 12/4/2020
A/C TSN 3059 7
TACH 3059 7

Avionics Entries

Traced Pitot line leak to a loose union fitting located at LH wing root. Tightened union fitting.

Performed Pitot-Static and transponder certs FAR 91 411 and 91 413 IAW FAR 43 appendix E & F. Tested altimeter and static system up to 20K feet.

ALTIMETER AND STATIC SYSTEMS REQUIRED BY F.A.R. 91 411.

F.A.R. Part 43 Appendix E. PERFORMED ON THIS AIRCRAFT.

DATE 12/4/2020

CERTIFIED TO 20K FEET

TYPE: ADC ALT ENC POSITION

MODEL UN. 100

S/N 632.6

CERT ONLY: yes REG# N34502

SIGNED: [Signature]

THE TRANSPONDER AND ALTITUDE REPORTING SYSTEM IN THIS AIRCRAFT WERE TESTED AND INSPECTED AS REQUIRED IN F.A.R. 91 413 F.A.R. 43 APPENDIX F

W/O# Murrieta10387-10-2020

MANUF RT74 MODEL RT74 S/N 02521

Date 12/4/2020 INSPECTOR [Signature] for SDR271B

DATE: 12/4/2020

SIGNED: [Signature]

Work Order: Murrieta10387-10-2020

MAKE Cessna
MODEL C-177RG
S/N: 177RG1296
REG NO: N34502
WORK ORDER:
Murrieta10387-10-2020



Gryphon Aircraft Services, LLC.

37880 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE: 12/4/2020
A/C TSN: 3059.7
TACH: 3059.7

Airframe Entries

Completed ANNUAL INSPECTION per manufacturer's and Gryphon Aircraft Services Inspection forms - Lubricated airframe per MM Placed a/c on jacks, performed all gear operations, ok at this time Serviced brake and hydraulic reservoirs... Inspect and test ELT IAW FAR 91.207(d) and found to comply, replace ELT battery by 02/2023... See AD note update sheet and master list for complete AD note history thru this date and current revision... Comply with AD 2011-10-09 by inspection of seats and seat rails, no defects noted at this time, due each 100 hours or 12 Calendar Months... Install new ELT battery PN BP-1020 IAW installation instructions New battery due Feb 2023... Ships Battery replaced 9/29/15 - performed capacity check o.k. at this time... Treat corrosion areas of wings and tail with Corrosion X compound... Tighten loose attach hardware on main gear pinion assy Service hydraulic power pack assy... Install mirror panel with proper hardware... Install new nose gear strut servicing placard... Re-shoot and replace rivets on tail bulkhead F S 277 00 to F S 284 54 as necessary... Cleaned corrosion from battery box and drain tube, applied anti-acid paint to battery box... Replaced safety wire with safety cable on LH brake caliper during annual... Cleaned fuel cell access panels on top of LH and RH wings. Need to re-inspect at next annual... Install customer supplied nose and main gear actuator hoses, service hydraulic system with fluid, replace hose clamps as necessary... Replaced incorrect voltage placard on external power receptacle... Install customer supplied nose gear over center hook bearing Cycle gear check for proper clearance and operation... Resealed and Serviced hydraulic system hand pump assembly. Cycle gear and check for proper operation.

I Certify that this AIRCRAFT has been inspected IAW and ANNUAL inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service manuals or other approved documentation Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10387-10-2020, FAA CRS #2SDR271B

DATE: 12/4/2020

SIGNED

Work Order: Murrieta10387-10-2020

Printed by EBIS 3 (datamedia.com)

Date: 8/18/2021 Aircraft: N34502
TACH: 3121.4 CESSNA 177RG S/N: 177RG1296

CHECKED BY:
SIGNATURE — CERT. NO.

- Removed Voltage Regulator and replaced with Hartzell Plane-Power R1224S-28 28V Voltage Regulator, Serial #H-V020342. Cessna Over-Voltage Module removed per installation instructions. Performed operational check - no discrepancies noted at this time.
- Removed front headliner and replaced Cabin Air ducting with VenAir 2" SCAT Tubing.
- Replaced front headliner, Rt and Lt Rear Side Panels, Rt and Lt Door Lower Panels, Rt and Lt Forward Kick Panels, Rt and Lt Door Sill Trim, and Emergency Gear Extension Pump Cover with Vantage Plane Plastics parts. All parts are FAA PMA certified and painted with SEM Color Coat 15183 Warm Gray. Required placards replaced.
- Pilot, CoPilot and Rear seats, door and rear upholstered panels removed and reupholstered with Airtex leather and vinyl upholstery kit. "Slate" perforated leather and "Smoke" leather used on seating surfaces and "Smoke" vinyl used on trim. Products conform with FAR 23.853(a) Burn Rate requirements and are FAA PMA certified. Seat bases painted flat black. Negligible change to Weight and Balance.
- Carpet removed and replaced with SCS Interiors Nylon Carpet Kit in "Superior Blue" with Ensolite backing. Products conform with FAR 23.853(a) Burn Rate requirements and are FAA PMA certified. Negligible change to Weight and Balance.

CONTINUED →

DATE

Date: 8/18/2021 Aircraft: N34502
TACH: 3121.4 CESSNA 177RG S/N: 177RG1296

CHECKED BY:
SIGNATURE — CERT. NO.

- Installed B.A.S. Inc. Inertia Reel Shoulder Harness System in Pilot and Copilot positions in accordance with B.A.S. diagram and instructions. The installation was completed per STC SA2067NM. FAA Form 337 and STC documentation are included in the Aircraft Logs
- Relocated seatbelts from Pilot and Copilot positions to rear seat positions using Minor Change Kit hardware from Alpha Aviation. Shoulder belts installed into factory hardpoints. Seatbelts re-webbed by Aviation Safety Products, FAA Repair Station XWJR831X (Work Order 25347.) Documentation included in Aircraft Logs.

Work performed by the aircraft owner, Michael Paul Stucker (Comm Pilot License 4060427) under the direction of Robert Lange (I.A. A.P.)

I certify this aircraft has been inspected with reference to the work identified above and was determined to be in an airworthy condition.

Date

19 Aug 2021

Signed

Robert Lange 2759587

MAKE Cessna
MODEL C-177RG
S/N 177RG1298
REG. NO N34502
WORK ORDER:
Murreta11280-12-2021



Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-698-4260

DATE 2/16/2022
A/C TSN 3122 5
TACH 3122 5

Airframe Entries

Completed ANNUAL INSPECTION per manufacturer's and Gryphon Aircraft Services inspection forms - Lubricated airframe per MM Placed a/c on jacks, performed all gear operations, ok at this time Serviced brake and hydraulic reservoirs ... Inspect and test ELT IAW FAR 91 207(d) and found to comply, replace ELT battery by 02/2023 ... See update AD note log and revision for AD note history thru this date and current revision. ... AD2021-23-12 RadioAltimeter/5G phone interference does not apply, aircraft not equipped No further action required. ... Complied with AD2011-10-09 Seat and Seat Rail Annual Inspection. No defects noted at time of inspection. ... Brackett Air Filter AD 81-15-03 not applicable new style filter housing installed 09/19/01@1865 9 ... AD 93-05-06 ACS Ignition switch inspection and lube previously complied with DUE @3871 0 ... Installed 2ea new Flap Control Lord Mounts P/N J-14290-4 ... Installed new R/H Cowl Mount P/N J7444-14 ... Repaired R/H cracked inner gear well panel ... Complied with final gear swing with cowling installed No defects noted at this time ... Cleaned battery box area and treated area with corrosion preventive compound, ACF/50 ... Installed new latches, lubed latches reference Cessna 177RG Service Manual ... Installed new rudder trim control, reference Cessna 177RG Service Manual ... Cleaned contacts on Pilot PTT & Pilot yoke disconnect ops check o k.

I Certify that this AIRCRAFT has been inspected IAW and ANNUAL inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service manuals or other approved documentation Pertinent details of the repair are on file at this repair facility under Work Order No. Murreta11280-12-2021 FAA CRS # SDR271B

DATE 2/16/2022

SIGNED:

Work Order Murreta11280-12-2021



06/05/2024

Cessna 177RG

Registration: N34502, Serial: 177RG1296

3180.2 Tach Time 3180.2 TTSN

Performed an annual airframe inspection in accordance with FAR 43, Appendix D utilizing a supplemental Next Level Flight Services 100 Hour/Annual Checklist. All maintenance performed IAW applicable maintenance manuals and regulations.

AD Compliance:

1. C/W AD2011-10-09 (Seat System) by inspection IAW (g)1-10, wear within limits- due again 100 hours or next Annual Inspection, whichever occurs first.
2. C/W AD 2023-02-17 (Carry-Thru Spar Fatigue Cracking) by paragraph (g) Visual Inspection, with no defects noted at this time; paragraph (h) Eddy Current Examination, performed by CRS QQWR260Y, with no defects noted at this time; paragraph (i) Corrosion Protection, by means of applying primer and CIC; and paragraph (k) Reporting Requirement, by submitting Carry-Thru Spar Inspection Report Attachment to Textron SEL-57-09(R1) by email to Wichita-COS@faa.gov.

Maintenance Performed:

1. Washed aircraft and prepped for inspection.
2. Removed existing ELT and installed ARTEX ELT 345 SN 324-00906, performed functional check of ELT IAW FAR 91.207(d) at 1100 EST on 06/05/2024. Registered beacon per Artex.
3. Removed and replaced existing Gill battery with Concorde RG25XC.
4. Serviced all wheel bearings.
5. Serviced tires with nitrogen.
6. Serviced all hydraulic reservoirs.
7. Removed all existing avionics equipment and aircraft instrumentation in preparation for new installation. **Current TACH when removed was 3180.2 and has been verified through logbook research as the accurate aircraft Total Time In Service.**
8. Installed Dynon Skyview HDX dual 10" screen system with integrated VHF Comm, ADSB in and out, transponder, arinc module, single ADAHRS per Dynon Skyview HDX Install Manual 103261-000 Rev. Q. See form 337 dated 06/05/2024 for more information.
9. Installed Dynon D30 per Dynon Installation Manual 104003-000 Rev.C. See form 337 dated 06/05/2024 for more information.
10. Installed Avidyne IFD 440 GPS/Nav/Comm per Avidyne IFD Install Manual 600-00299-000 Rev. 09. See form 337 dated 06/05/2024 for more information.
11. Installed PS Engineering PMA 450B per PS Engineering 450B Install Manual 200-450-0600 Rev. 6. See form 337 dated 06/05/2024 for more information.
12. Installed Trio Pro Pilot autopilot per Trio Install Manual 1006008 Rev. C. See form 337 dated 06/05/2024 for more information.
13. Fabricated a new single piece metal upper instrument panel overlay and added additional support for avionics stack referencing AC 43.13-1B.
14. Removed all plastic from lower instrument panel and fabricated new metal replacement overlays referencing AC 43.13-1B.
15. Removed Bendix dual magneto assy and associated harness and replaced with Electroair Electronic Ignition System per Electroair Install Manual EIS-41000 Rev. 16. See form 337 dated 06/05/2024 for more information.
16. Installed TCW backup battery for ignition system per Electroair Install Manual EIS-41000 Rev. 16 and TCW Installation Instructions 725.0047 Rev. 1.3. See form 337 dated 06/05/2024 for more information.
17. Removed and replaced all electrical system contactors with approved replacements.
18. Removed all electrical regeneration system wiring and replaced with Bogert Copper Wire STC per Bogert Installation Instructions CE-2-2 Rev. A. See form 337 dated 06/05/2024 for more information.
19. Removed and replaced landing light with WAT Parmetheus LED.

-----Continued Onto Following Page-----

20. Removed and replaced taxi light with WAT Parmetheus LED.
21. Removed and replaced aircraft lighting circuit wiring referencing AC 43.13-1B.
22. Removed and replaced aircraft alternator control unit circuit wiring referencing AC 43.13-1B.
23. Removed and replaced aircraft engine instruments circuit wiring referencing AC 43.13-1B.
24. Removed and replaced aircraft cabin lighting circuit wiring referencing AC 43.13-1B.
25. Removed and replaced aircraft avionics circuit wiring to include an addition of an avionics contactor and buss referencing AC 43.13-1B.
26. Removed and replaced all plastic overhead environmental system eyeball vents with new metal vents 05-05170.
27. Installed Guardian Avionics Remote Mount 2.7A USB-A Power Supply Dual - 5 VDC (12W) Output P/N 200-201A on pilot rear passenger side of aircraft.
28. Installed Guardian Avionics Remote Mount 2.7A USB-A Power Supply Dual - 5 VDC (12W) Output P/N 200-201A on copilot rear passenger side of aircraft.
29. Installed Guardian Avionics Remote Mount 2.7A USB-A Power Supply Dual - 5 VDC (12W) Output P/N 200-201A on center pedestal.
30. Removed and replaced all audio panel wiring to include the installation of two Bose Lemo connectors on the center pedestal.
31. Installed Landing Height System and integrated with PMA 450B per LHS-200-X Rev. A3.
32. Installed Voice Alert dual warning system and integrated with PMA 450B per Procedure IP-1 Rev. 4.
33. Removed Cessna OEM yokes and replaced with Avion Research CW-001 yokes per Avion Research Installation Instructions CW-8001 Rev. 2.2. See form 337 dated 06/05/2024 for more information.
34. Removed and replaced all engine controls with McFarlane Aviation Vernier assist cables.
35. Removed and replaced all environmental control cables with locking McFarlane Aviation control cables.
36. Removed and replaced OEM cowl flap cables with new McFarlane Aviation cables.
37. Prepped and painted door jams of aircraft using Matterhorn White paint.
38. Removed existing strobe power supplies from aircraft.
39. Removed and replaced all factory circuit breakers with Tyco resettable breakers.
40. Repaired wingtips referencing AC 43.13B utilizing fiberglass layup techniques.
41. Removed and replaced nose tire and tube.
42. Removed and replaced main tires and tubes.
43. Removed and replaced left and right brake discs and linings.
44. Removed all fiberglass insulation and replaced with SoundEx closed cell foam and aluminum backed insulation using 3M aluminum tape for joints.
45. Removed and replaced OEM fuel senders with Cies CC284022-(0601)-(501) and calibrated to Dynon Skyview system.
46. Removed and replaced all environmental system ducting with new utilizing new stainless steel breeze clamps.
47. Removed and replaced pilot door seal with Knots2U PN ADS-C1420.
48. Removed and replaced co-pilot door seal with Knots2U PN ADS-C1420.
49. Removed and replaced baggage door seal with Knots2U PN ADS-C1422.
50. Removed and replaced pilot window seal with Knots2U PN ADS-VWS200.
51. Removed and replaced co-pilot window seal with Knots2U PN ADS-VWS200.
52. Removed OEM intake air filter and replaced with Challenger CP-1177 STC. See form 337 dated 06/05/2024 for more information.
53. Removed glareshield and replaced damaged leather with new material of same source.
54. Removed factory incandescent glareshield lighting and installed electroluminescent glareshield lighting circuit onto bottom portion of glareshield.
55. Removed and replaced cracked ABS vertical fin cap with fiberglass Knots2U K1731009-4.
56. Removed and replaced cracked ABS rudder cap with fiberglass Knots2U K 1733009-2.
57. Removed and replaced pilot lower door plastic with K2015015-4, painted with SEM Coat.
58. Removed and replaced co-pilot lower door plastic with K2015015-3, painted with SEM Coat.
59. Removed and replaced co-pilot upper door pillar plastic with K1715058-4, painted with SEM Coat.
60. Removed and replaced pilot upper door pillar plastic with K1715058-, painted with SEM Coat.

61. Rigged all flight controls per AMM.
62. Lubricated all components per AMM lubrication/grease charts.
63. Removed, cleaned, inspected, and reinstalled fuel filter bowl.
64. Removed damaged sealant from exterior windows and resealed utilizing B-1/2 sealant.
65. Installed Battery Minder kit with Anderson plug interface.
66. Installed Tanis TA2925-1 engine preheat kit and avionics/cabin heat kit per Tanis Installation Instructions TNP2925 Rev. E and Tanis Installation Instructions TN03323 Rev. B. See form 337 dated 06/05/2024 for more information.
67. Installed Micro VG kit per Micro Aerodynamics Installation Manual MA2163 Rev. IR. See form 337 dated 06/05/2024 for more information.
68. Removed OEM cowl fastener kit and replaced with Skybolt SK2003-42A Gen IV Conversion Kit per SK177-42A.DOC Rev. 022. See form 337 dated 06/05/2024 for more information.
69. Removed OEM sun visors and installed Rosen Visors per Rosen Sunvisor Systems Maintenance Manual 9051-0118-019 Rev. E. See form 337 dated 06/05/2024 for more information.
70. Removed OEM exhaust system and replaced with Powerflow Systems Tuned Exhaust System per Powerflow Systems Installation Instructions PFS-13752-00 Rev. F. See form 337 dated 06/05/2024 for more information.
71. Installed Maple Leaf Aviation Exhaust Fairing per EP5001-001 Installation Instructions Rev. 1. See form 337 dated 06/05/2024 for more information.
72. Removed and replaced Cessna throttle warning position switch with new and rewired with proper strain relief.
73. Performed jacking operation to facilitate normal and emergency operational checkouts of landing gear functionality and checked for proper alignment and rigging of retraction system, no defects noted at this time.
74. Performed operation checkout of dual warning system while aircraft was on jacks, no defects noted at this time.
75. Installed Remote CO Detector for Dynon Skyview HDX.
76. Operational and leak checks performed and found to be satisfactory at this time.
77. Flight tests performed with owner of aircraft and calibration of systems completed with no defects noted at this time.
78. Weight and balance data updated and placed into aircraft records.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Joseph W. Jervis A&P 3758708 IA _____

-----No Further Entries Beyond This Line-----



07/01/2025

Cessna 177RG

Registration: N34502, Serial: 177RG1296

3,329.8 Tach Time 3,329.8 TTIS

Performed an annual airframe inspection in accordance with FAR 43, Appendix D utilizing a supplemental 100 Hour/Annual Checklist. All maintenance performed IAW applicable maintenance manuals and regulations.

AD Compliance:

1. C/W AD2011-10-09 (Seat System) by inspection IAW (g)1-10, wear within limits- due again 100 hours or next Annual Inspection, whichever occurs first.

Maintenance Performed:

1. Washed aircraft and prepped for inspection.
2. Performed functional check of ELT IAW FAR 91.207(d) at 1200 EST on 07/01/2025. **Battery Due 11/2029**
3. Serviced all wheel bearings.
4. Serviced tires with nitrogen.
5. Serviced all hydraulic reservoirs.
6. Verified rigging of flight controls per AMM.
7. Lubricated all components per AMM lubrication/grease charts.
8. Removed, cleaned, inspected, and reinstalled fuel filter bowl.
9. Performed jacking operation to facilitate normal and emergency operational checkouts of landing gear functionality and checked for proper alignment and rigging of retraction system, no defects noted at this time.
10. Performed operation checkout of dual warning system while aircraft was on jacks, no defects noted at this time.
11. Operational and leak checks performed and found to be satisfactory at this time.
12. Weight and balance data updated and placed into aircraft records.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Joseph W. Jervis A&P 3758708 IA

-----No Further Entries Beyond This Line-----