

MAKE: Cessna
MODEL: 421A
S/N: 421A0128
REG. NO: N712JW
WORK ORDER:
0605-08-2022



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 1/1/2023
A/C TSN: 3834.9
HOBS: 422.4

Airframe Entries

- I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
- Performed chapter 4 and 5 log book research. Also AD and SB research 26-2022.
- Complied with 12 month ELT inspection and test IAW FAR 91.207. Battery due: JUL/2027.
- Complied with 12 month inspection and weight check of fire extinguisher. Weight: 4lb 12oz. Next inspection due 1/31/2024.
- Installed 10 rivets on left engine nacelle lower skin. IAW AC 43-13-1B.
- Replaced one missing vortex generator on left side of rudder IAW Micro Aerodynamics INC. instructions.
- Removed nose wheel fairing and repaired IAW AC43. 13-1B. Reinstalled nose wheel fairing. IAW Cessna 421A MM section 4.
- Removed right nav light bulb and installed new bulb. Operational check good. IAW Cessna 421A AMM 14-8.
- Adjusted elevator trim indicator. Operational check good. IAW Cessna 421A MM section 5.
- Complied with AD 72-02-01 Cessna Propeller Attachment Nuts torque inspection for both propellers.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks Paragraph (b). No defects noted. Next due: AC TT 3884.9 or 2/1/2023, which ever occurs later.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks, paragraph (c) tailpipes removal and visual inspection IAW Cessna 421A MM, Section 9.
- No defects noted. Next due 1/31/2024.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks Para (d) Visual inspection. No defects noted. Next due: AC TT 4334.9.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks Para (e) Inspection and pressure test. No defects noted. Next due 1/31/2024.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks Para (f) Replacement of multi-segment V band clamps, by replacement of all V-Band clamps (3 per engine). IAW Cessna 421 Service Manual, sect. 9. Next due for replacement: AC TT 4334.9.
- Complied with AD 2000-01-16 Cessna Exhaust system cracks Para (g) Removal of exhaust system aft of the slip joints for inspection. No defects noted. Next due: AC TT 6334.9 or 1/31/2035.
- Complied with AD 2016-17-08 Cessna Elevator trim assembly attachment hardware security paragraph (F)(2) repetitive visual inspection. Next inspection due: AC TT 3944.9 or 1/31/2024.
- AD 18-03-03 R1 Cessna lower forward carry through spar cap Initial Inspection IAW Para (I)(1)(i) due upon accumulation 15,000 Hour TIS.
- Removed left brake disc and installed new brake disc. Removed left brake linings and installed new linings. All IAW Cessna 421A MM section 4.
- Removed right brake disc and installed new brake disc. Removed right brake linings and installed new linings. All IAW Cessna 421A MM section 4.
- Repaired right engine cowf flap outboard support brace IAW AC43.13-1B and reinstalled IAW Cessna 421A MM section 9.
- Complied with Combustion Heater ICA 100 Hr Annual inspection. IAW Hartzell MM10001. Next inspection due: 3934.9 or 1/31/2024.
- Complied with Combustion Heater ICA 250 Hr/2 year inspection. IAW Hartzell MM10001. Next inspection due: AC TT 4084.9 or 1/31/2025.
- Complied with Combustion Heater ICA 1000 Hr/4 Year service/inspection. Operational check good. IAW Hartzell MM10001. Next inspection due: AC TT 4834.9 or 1/31/2027.

- Adjusted right main landing gear up position drop-off. Operational check good. IAW Cessna 421A MM section 4.
- Rigged nose landing gear up and down lock tension. Operational check good. IAW Cessna 421A MM section 4.
- Adjusted rudder cable tensions to meet proper manufacturer specifications. IAW Cessna 421A MM Section 2.
- Serviced tires with air IAW Cessna 421A MM Section 4.
- Reattached ground terminal to main landing gear motor. Operational check good. IAW AC 43.13-1B.
- Removed left fuel selector valve, P/N: XV2096, no S/N, and installed overhauled fuel selector, P/N: X2096, S/N: 034113, overhauled by The Aviation Group, Inc. under their W/O: 52550, dated 03/MAR/2022. Operational and leak check good. IAW Cessna 421 series Service Manual, sect.11.
- Refilled Alcohol anti-ice system reservoir. IAW Cessna 421A MM Section 13.
- Removed and installed new left and right windshield anti-ice nozzle rubber grommets. IAW Cessna 421A MM Section 13.
- Serviced oxygen bottle. IAW Cessna 421A MM Section 13.
- Removed broken nose gear adjusting bell crank and installed serviceable bell crank. Operational check good. IAW Cessna 421A MM, Section 4.
- Removed left fuel selector gear box assembly and installed serviceable assembly. Operational check good. IAW Cessna 421 series Service Manual section 11.
- Serviced left main landing gear strut with nitrogen. IAW Cessna 421A MM Section 4.
- Removed, cleaned, and reinstalled right engine alternate air intake box. Ops check good. IAW Cessna 421A MM section 9.
- Removed windshield anti-ice alcohol pump and installed serviceable pump. Ops and leak check good. IAW Cessna 421A MM Section 2.
- Installed slipper mark on tachometer glass IAW AC 43.13-1B.
- Complied with AD 2014-03-03 Cessna Flight into known icing. Installed placards on instrument panel. IAW MEB 97-4.
- Removed and replaced pistons and o-rings in left brake caliper. Ops and leak check good. IAW Cessna 421A MM Section 4.
- Removed main battery, P/N: G-246, S/N: G02930184, and installed new battery, P/N: G-246, S/N: G03171378. Operational check good. IAW Cessna 421A MM Section 14.
- Adjusted left engine propeller RPM to meet proper manufacturer specifications. IAW Cessna 421A MM Section 9.
- Adjusted right engine propeller RPM to meet proper manufacturer specifications. IAW Cessna 421A MM Section 9.
- Removed and replaced master cylinder o-ring in left brake master cylinder. Leak check good. IAW Cessna 421A MM Section 4.

The aircraft and/or component(s) on N712JW was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this facility under the above W/O number.

DATE: 1/1/2023

SIGNED: 
Mark Blackwood, A&P: 4484732 IA

Work Order: 0605-08-2022

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ENGINE MODEL:
GTSIO-520-D21B
ENGINE S/N (L): 219477-R
REG. NO: N712JW
WORK ORDER:
0605-08-2022



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 1/1/2023
A/C TSN: 3834.9
ENG TT (L): 1209.2
TSMOH (L):
HOBS: 422.4

Left Engine Entries

- Complied with 100hr engine inspection, left engine.
- Compressions: 1) 64, 2) 62, 3) 66, 4) 62, 5) 64, 6) 66/80 PSI. Master orifice: 42 PSI
- Removed, cleaned and reinstalled fuel injector nozzles IAW Continental GTSIO-520 MM section 6.
- Removed left engine alternate air control cable and installed serviceable control cable. Operational check good. IAW Cessna 421A MM section 9.
- Adjusted left engine, left magneto timing to meet proper manufacturer specifications and installed new base gasket. IAW Cessna 421A MM section 9.
- Complied with Airworthiness Directive 07-05-15 on left engine IAW MSB94-4, Rev. H, Part 2, Starter Adapter Viscous Damper and Shaftgear Backlash Inspection. No defects noted. Next inspection due at AC TT 3934.9 or 1/31/2024.
- Complied with Airworthiness Directive 07-05-15 on left engine IAW MSB94-4, Rev. H, Part 3, Starter Adapter Shaft Gear and Crankshaft Gear Visual Inspection. No defects noted. Next inspection due: AC TT 4234.9.
- Removed left engine turbocharger wastegate assembly, P/N: 470830-9010, S/N: IDR0355, and installed rebuilt wastegate assembly, P/N: 470830-9010, S/N: HZF000134. Wastegates rebuilt by Hartzell Engine Technologies under their W/O: M410070 dated 21/Jun/2022. Work performed by IAW Cessna 421A MM section 9.
- Installed new left engine turbocharger support bracket. IAW Cessna 421A MM section 9.

The aircraft and/or component(s) on N712JW was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this facility under the above W/O number.

DATE: 1/1/2023

SIGNED: 
Mark Blackwood, A&P: 4484732

Work Order: 0605-08-2022

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REG: N712JW MAKE: CESSNA MODEL: 421A S/N: 412A0128 TT: 3834.9

I CERTIFY THAT THE ALTIMETER, AIR DATA, AUTOMATIC PRESSURE ALTITUDE REPORTING, DATA CORRESPONDENCE AND STATIC PRESSURE SYSTEM TESTS REQUIRED BY 14 CFR PART 91.411 AND THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY 14 CFR PART 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH 14 CFR PART 43 APPENDIX E AND F

DUNCAN AVIATION



The above described Repair or Maintenance is approved for return to service. Pertinent details of this Repair/Maintenance are on file at this Repair Station under Work Order # 995KA.

Signed

DUNCAN 012553

Date 10-13-2022

Dustin A. Hicks
Reid Intl Airport Las Vegas, NV 702-262-6142
CRS # JGOR164N

PROP MODEL (R):
3AF37C516
PROP S/N (R): 971540
REG. NO: N712JW
WORK ORDER:
0605-08-2022



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 1/1/2023
A/C TSN: 3834.9
PROP TT (R): 1209.2
TSPOH (R):
HOBBS: 422.4

Right Prop Entries

I certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

The aircraft and/or component(s) on N712JW was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 1/1/2023

SIGNED:

Work Order: 0605-08-2022

Mark Blackwood, A&P: 4484732

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PROP MODEL (L):
3AF37C516
PROP S/N (L): 971371
REG. NO: N712JW
WORK ORDER:
0605-08-2022



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 1/1/2023
A/C TSN: 3834.9
PROP TT (L): 1209.2
TSPOH (L):
HOBBS: 422.4

Left Prop Entries

I certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

The aircraft and/or component(s) on N712JW was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 1/1/2023

SIGNED:

Work Order: 0605-08-2022

Mark Blackwood, A&P: 4484732

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ENGINE MODEL:
GTSIO-520-D22B
ENGINE S/N (R): 1001377
REG. NO: N712JW
WORK ORDER:
0605-08-2022



GoldStrike Aircraft Services

2705 Airport Dr
North Las Vegas, NV 89032
Phone: (702) 899-1150

DATE: 1/1/2023
A/C TSN: 3834.9
ENG TT (R): 469.1
TSMOH (R):
HOBBS: 422.4

Right Engine Entries

- Complied with 100hr engine inspection, right engine.
- Compression: 1) 66, 2) 64, 3) 66, 4) 66, 5) 56, 6) 68/80PSI. Master orifice: 42PSI
- Removed, cleaned and reinstalled fuel injector nozzles IAW Continental GTSIO-520 MM section 6.
- Adjusted right engine, left and right magneto timing to meet proper manufacturer specifications. IAW Cessna 421A MM Section 9.
- Complied with Airworthiness Directive 07-05-15 on right engine IAW MSB94-4, Rev. H, Part 2, Starter Adapter Viscous Damper and Shaftgear Backlash Inspection. No defects noted. Next inspection due: AC TT 3834.9 or 1/31/2024.
- Complied with Airworthiness Directive 07-05-15 on right engine IAW MSB94-4, Rev. H, Part 3, Starter Adapter Shaft Gear and Crankshaft Gear Visual Inspection. No defects noted. Next inspection due: AC TT 4234.9
- Replaced right engine #6 spark plug with new spark plug. Operational check good. IAW Continental GTSIO-520 MM Section 6.
- Removed RIGHT engine turbocharger wastegate assembly, P/N: 470630-9020, S/N: 470630-9020, S/N: CDO105, and installed rebuilt wastegate assembly, P/N: 470630-9020, S/N: H-ZF000139. Wastegate rebuilt by Hartzell Engine Technologies under their W/O: M410090 dated 21/Jun/2022. Work performed IAW Cessna 421 Service Manual sects 9-50, 9-52.

The aircraft and/or component(s) on N712JW was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details are on file at this facility under the above W.O. number.

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