

N5288J

1976 Cessna 421C

Airframe Logbook

#6 of 6

2018 - 2024

MSN: 421C-0158



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



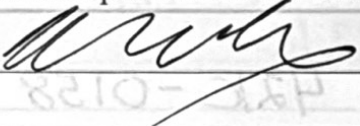
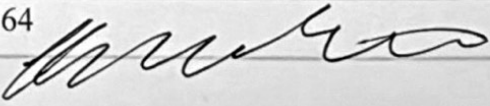
#6



AIR IMPRESSIONS, INC.
PROFESSIONAL AIRCRAFT SERVICE

**AIRFRAME
MAINTENANCE
RECORDS**

REGISTRATION No. N5288J
SERIAL No. 421C-0158

DATE	TOTAL TIME IN SERVICE	TACH OR PROP HOURS	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p>7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N</p> <p style="text-align: right;">Date: <u>02/14/2018</u> Hobbs: <u>1947.1</u></p> <p style="text-align: center;"><u>Cessna S/N 421C 0158 N5288J</u></p> <p>On above referenced aircraft, Installed Power Pac Spoiler Kit per STC SA4913NM. (See 337 form dated 2/14/2018.) Computed new empty weight and C.G. (See weight and balance data sheet dated 2/14/2018.) Installed overhauled right fuel tank quantity harness P/N 9910232-6 S/N TAI5444. (See 8130-3.) Calibrated fuel quantity on JPI. Adjusted and centered prop cable and drive assembly. Tightened loose induction clamp on right engine. Installed new potty bucket. Aircraft is approved for return to service for maintenance performed. Pertinent details on file under work order 4582.</p> <p> Air Impressions, Inc. CRS# AK6R541N</p>
			<p><i>Chino Aviation Inc.</i> 7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N5288J Hobbs:1930 02/05/2018 Replaced lighting on cowling with LED light bulb Alpha Beam. Adjusted elevator control cable tension per Cessna 421 service manual Agustin Cendejas AP2606564</p> <p style="text-align: right;"></p>
			<p><i>Chino Aviation Inc.</i> 7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N5288J Hobbs:1964.7 04/27/2018 Replaced light bulbs on retractable landing lights with LED light bulb Par 46. Isolated low voltage sensor wires on left alternator and tested alternator output. Agustin Cendejas AP2606564</p> <p style="text-align: right;"></p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERFSN PERFORMING WORK
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7929 Karl May Dr.
Waco, Texas 76708
CRS No. AK6R541N

Aircraft TT: 6073.6
Hour Meter: 1976.2
Date: 11/01/2018
Heater HM: 0.0

Cessna S/N 421C 0158 N5288J

On above referenced aircraft, removed inspection plates and panels for Annual Inspection. Checked pulleys, bellcranks, cables and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per 421C Service Manual. Inspected wheels, tires and brakes. Inspected fuel, hydraulic lines and fittings. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e). (Paragraph (b) next due at 2026.2 HM.) Installed overhauled vacuum pump on left engine, P/N AA441CC, S/N OCGR03. Removed both engines and replaced loose rivets in engine beams and re-installed engines and components. Installed external AFT body strakes per STC SA01935LA. (See 337.) Installed McCauley MC-1 synchrophase system and governors per FAA form 8110-3 dated 8/7/2018. (See 337.) Touch-up painted aircraft areas as needed. Troubleshoot and serviced air conditioner system. Installed new placards for AFT cabin baggage shelves. Installed new #3 passenger overhead light switch. Repaired short for #5 passenger light switch. Re-positioned inner seal at emergency exit window. Installed new rudder pedal return springs. Installed new louver and bezel for pilot's side panel. Troubleshoot and repaired flap warning system. Troubleshoot inop flap system and installed new circuit breaker. Oxygen bottle/regulator sent out for overhaul and re-installed. Installed new right prop cable, P/N 1220-42. (RAM/FAA/PMA.) Disassembled cleaned and lubed and corrected right alternate air operation. Replaced "O" rings for both inboard wing dump valves. Installed new nose RAM air inlet duct and cleaned and treated in lower forward nose. Installed new tail nav light bulb. Cleaned electrical connection for nose baggage light. Replaced center connector for right wing baggage light. Repaired leaks in oxygen system and replaced one line. Secured wiring interfering with controls behind instrument panel. Installed new fuel filler cap "O" rings. Cleaned and treated in button cover areas forward of flaps. Installed new left main gear door hinge assemblies P/N's 5127050-15 and 5122115-27. Secured skins around both main gears. Installed new hilocks for left main gear AFT Trunnion support. Installed new brake pad linings. Installed new forward Trunnion support for left main gear, P/N SK421-133A. Re-sealed left main gear uplock actuator. Re-sealed nose gear uplock actuator. Repaired leak at nose gear actuator. Replaced loose rivets as needed at left lower wing skin to fuselage. Replaced nose gear door seals as needed. Replaced top cowl latch assemblies, P/N H5000-2-064-268. Re-sealed right main gear strut assembly and replaced internal ring assembly, P/N 0841212-1. Installed overhauled rudder and trim tab assembly, P/N's 5133020-200 and 5133015-1 and painted. Replaced nose gear forward uplock channel support. Installed new ELT batteries and tested unit per FAR 91.207 (d) requirements. (Battery due 11/2019.) Troubleshoot right surface de-ice and cleaned right control valve and ops checked good. Troubleshoot ammeter select and cleaned connections and ops checked good. Nitrogen bottle hydrostatic tested and re-installed and ops checked. Installed new main aircraft battery P/N G246, S/N G03015313. C/W A.D. 2016-17-08 per installation of new elevator trim hardware. (Next due at 2086.2 HM or 11/2019.) Re-sealed air conditioner hydraulic system housing and installed new filter. C/W A.D. 2017-06-03 per installation of overhauled heater assembly. P/N 8472C/E, S/N 8609. Installed new zero time heater HM. (Heater A.D. next due at 250 hour HM or 11/2020.) (Overhaul due at 1000 heater HM.) Installed new right main tire. Adjusted wheel alignment and camber per service manual. Cleaned and treated in AFT wheel well access panel areas. Installed new left and right overhauled pressure aux pumps, P/N's 2B7-29 S/N's left (7F0415) and right (7AM80). Installed both crossfeed fuel shut-off valves, P/N's 9910201-2 and -3, S/N 1101 and 1102 after repairs. (See tags.) Installed new pilot's heat duct and defrost duct P/N's 5117257-1 and 5117257-2. Cleaned and treated in nose compartment and at carry thru ribs. Re-paired hydraulic leak at air conditioner hydraulic system reservoir. Cleaned and treated in lower vertical access panel area. Aircraft weighed and new weight and balance computed. Cleaned and treated flap wells. Installed new bushings for left inboard flap at inboard attachment point. Installed new rod end for right outboard flap at inboard attachment point. Re-sealed nose gear shimmy dampner. Installed new ELT remote control battery. (Next due at 3/2024.) Re-sealed both brake master cylinders and bled and serviced systems. Installed serviceable outlet switch for Shaver inverter. Installed new USB ports. Installed new rudder attachment point bearings. Installed new left alternator out sensor, P/N 9910094-3. All A.D.'s researched through bi-weekly 2018-20. See A.D. listing in log binder for all current and future compliance times. All above work done in accordance with Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4644.

[Signature]
Air Impressions, Inc.
CRS# AK6R541N

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DATE	TOTAL TIME IN	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Aircraft: N5288J Date: 4/26/21


I certify that the altimeter(s) and static system(s) tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR part 43, Appendix E and F.

Altimeter S/N(s): Left Installed Right Installed
 Transponder S/N(s): Left Installed Right Installed
 System(s) inspected to 25,000 feet MSL.
 Aerosecure work order: 0221A


AEROSECURE LLC CRS# 83RR535D
 PHONE: 480-340-2764

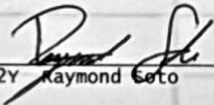
-1000'	-1000	14,000'	14,010
0'	0	16,000'	16,020
500'	500	18,000'	18,030
1000'	1000	20,000'	20,030
1500'	1500	22,000'	22,045
2000'	2000	25,000'	25,055
3000'	3000	30,000'	
4000'	4000	35,000'	
6000'	6000	40,000'	
8000'	8000	45,000'	NA
10,000'	10,000	50,000'	
12,000'	12,010		

Altimeter S/N: Installed
 Date: 4/26/21
 Work Order No: 0221A


Aerosecure Avionics LLC CRS# 83RR535D
 Phone: 480-340-2794

Araina Aviation 7000 Merrill Ave # 18 Hgr A-335 Chino, CA 91710
 LOG ID# 5660 20-August-2021 WO# 5892 AC TT 462.8
 N5288J S/N 421C0158 CESSNA 421C Pg 1 / 1

1. Removed previous dual Garmin GA-35 WAAS Antenna P.N. 013-00235-00 S.N. 19174 and S.N. 17847. Installed dual Garmin GA-35 WAAS Antenna S.N. 198898 and 198885. Post functional check satisfactory.
2. Fabricated doublers, plate and extended coax cable for GA-55 antenna. Post functional check satisfactory.
3. Removed VOR antenna cable. Terminated coax and secured. Post ops check satisfactory.
4. Installed splitter P.N. SFSU-2-1B Qty 1. Post functional check satisfactory.

Signed  Raymond Coto Date 8-20-2021

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Araina Aviation 7000 Merrill Ave # 18 Hgr A-335 Chino, CA 91710
LOG ID# 5731 20-August-2021 WO# 5892 AC TT 462.8
N5288J S/N 421C0158 CESSNA 421C

Pg 1 / 1

1. Installed new connector and pins for TIT Probe. Post functional check satisfactory.
2. Removed previous fuel sender P.N. 159939 S.N. 10786. Installed S.N. 10975. Post installation check satisfactory.

DATE

Signed Allan Ed Polzin Jr Date 20-Aug-2021
IA# 3337551 A/P Allan Ed Polzin Jr

Chino Aviation Inc.

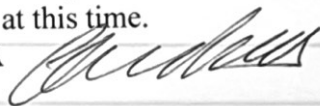
7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710

N5288J Aircraft hobbs: 2070.5 01/15/2023 Aircraft TT:6167.9

Inspected this aircraft in accordance with FAR 43 Appendix D for annual inspection
Opened inspection panels, lubricated control cable pulleys and rod ends, set aircraft on
jacks and performed landing gear tests, serviced hydraulic reservoirs, greased all wheel
bearings, tested and inspected ELT in accordance with FAR 91.207, ELT battery
replaced, is next due December 2025, complied with AD 200-01-16 by inspection per
par C and E, on exhaust system, Oxygen bottle is due November 2023, nitrogen bottle
due November 2023, Starter adapter AD2007-05-15 is due at 6250.7 TT.

AD2017-06-03 on heater is due at 1000 heater hobbs.

I certify that this Aircraft has been inspected In accordance with an Annual
Inspection and found Airworthy at this time.

Agustin Cendejas AP2606564IA 

Araina Aviation 7000 Merrill Ave # 18 Hgr A-335 Chino, CA 91710
LOG ID# 6305 01-June-2023 WO# 6668 HOBBS 481.2
N5288J S/N 421C0158 CESSNA 421C

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The Altimeter(s), Static System, Transponder(s) and Encoder were inspected up to 35,000 Ft. and were
found to comply with FAR 91.411 and 91.413 and Appendix E and F of FAR 43.

ADC No1 - GDC 77
ADC No 2 GDC 77
Standby Altimeter - United PN 5934p-1
Transponder No 1 GTX 345
Transponder No 2 GTX 300ES

Test Equipment used DPST-8000M SN: 040115-96 Date of CAL 05/10/2023
IFR 6000 S.N. 1000685871 Date of CAL 04/05/2023

Signed Deepun Desai Date 6/1/2023

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