N5288J 1976 Cessna 421C

Airworthiness Directives

MSN: 421C-0158



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Airworthiness Directive Listing - Airframe

N5288J	S/N 421C 0158

Engine Serial Numbers	Left: 292014-R	Right: 292327-R	Right: 292327-R	
Propeller Serial Numbers	Left: 941884	Right: 777654		

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
76-07-07	Fuel Leakage	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number	Sale
77-09-02	Windshield Inspection & Repair	11/2018	1976.2 HM 6073.6 Aircraft T	Inspected & modified per AD. See log entry dated 4/11/1977.	Sala
78-11-05	Autopilot Actuators	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to P/N unit installed.	Sola .
80-13-14	Fuel Flow Transducer	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number.	Saw,
80-20-06	King KFC-200 FCS Modification	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number.	- Lu
84-03-04	Windshield Installation Inspection	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number	fand
84-20-02	Nose Landing Gear, Rod End	11/2018	1976.2 HM 6073.6 Aircraft T	PCW per ME84-10. See aircraft log entry dated 04/09/1985.	Adul.
87-21-02 R1	Fuel Filler Openings	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per fuel restrictor kit installed.	Salu
90-02-13	Main Landing Gear	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per entry dated 2/28/1990.	Samo
91-25-08 R1	Front Spar Upper Cap Inspection	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number	Sala
92-16-18	Commuter Seat Inspection	11/2018	1976.2 HM 6073.6 Aircraft T	Commuter style seat not installed.	Salen
97-01-13	Fuel, oil, or hydraulic hoses	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to P/N of hoses installed.	(de
98-04-28	Severe Icing	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per Rev. of P.O.H. per para (2).	Salas
2005-20-25	Prevent Failure of the Avionics Bus Circuit Breaker Switch	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per entry dated 11/07/2006.	San
					Air Impressions, Inc. CRS# AK6R541N

<u>Airworthiness Directive Listing - Airframe</u>

N5288J	S/N 421C 0158
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Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due	Signature
78-13-05	Improperly installed seats	02/2020	2036.5 HM 6133.9 Aircraft T	Installed properly this date and due each seat removal.	Each seat removal	Mu
						Air Impressions, Inc. CRS# AK6R541N

<u>Airworthiness Directive Listing - Airframe</u>

N5288J	S/N 421C 0158

Engine Serial Numbers	Left: 292014-R	Right: 292327-R
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AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
95-09-13	Fuel Inlet Float Valves	11/2018	1976.2 HM 6073.6 Aircraft T	New valves P/N's 9910242-11 and -12 previously installed. (Due each 600-flight hours.) Units tested per 600-hour inspection requirements previously.	6237.9 Aircraft TT	Adul
						Air Impressions, Inc. CRS# AK6R541N

<u>Airworthiness Directive Listing - Airframe</u>

N5288J	S/N 421C 0158
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Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
2000-01-16	Engine Exhaust Inspection per para (b)	02/14/2020	2036.5 HM 6133.9 Aircraft TT	C/W this date per inspection requirements and due each 50-flight hours or 30 days (whichever is later).	2086.5 HM or 03/15/2020	<i>X</i>
						Air Impressions, Inc. CRS# AK6R541N

A.D. 2000-01-16 Engine Exhaust Inspection Compliance Table

Section; VII Page No.: 27 Title: Form L A.D. Forms Issue Date: 04/04/2011

N5288J	S/N 421C 0158

Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Paragraph	Actions	Hour Meter at Compliance and Action Taken	Initial Compliance Time	Repetitive Compliance Times	Signature
(b)	Visually inspect the exhaust system.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	Complied with per inspection.	(Next due 2086.5 HM or 03/15/2020) Due each 50 hours or 30 days, whichever is later.	
	Remove the tailpipes and visually inspect for any crack, corrosion, holes, or distortion.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	Upon accumulation of 5 years since installing a new or overhauled exhaust tailpipe or within the next 100 hours TIS after 02/15/2000, whichever is later.	Left tail pipe next due 02/2021. Right tail pipe next due 02/2021. Thereafter at intervals not to exceed 12 calendar months.	Æ)
(d)	Visually inspect the outboard engine beams, firewalls, and canted bulkheads.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	Complied with per inspection.	Next due 2536.5 HM. Thereafter at intervals not to exceed 500 hours TIS.	
	Inspect and pressure test the exhaust system.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	Complied with per inspection.	Next due 02/2021. Thereafter a intervals not to exceed 12 calendar months.	
	Replace the multi-segment V-band clamps.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	N/A - not installed.	N/A - not installed.	had)
		Charles Control of the Control of th	2500 hours TIS or exhaust system or next engine overhaul, whichever occurs later.	4/2025 or 8320.0 Aircraft TT intervals not to exceed 2,500 hours TIS or 12 years, whichever occurs first.	A)
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Airframe

N5288J	S/N 421C 0158
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Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
2016-17-08	Elevator Trim Hardware	02/2020	2036.5 HM 6133.9 Aircraft TT	C/W per new hardware installed.	Inspection due in 110 hours or 12 months. Replacement due anytime hardware is removed. (2146.5 HM or 02/2021.)	Alex)
						Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Airframe

N5288J	S/N 421C 0158
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Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
2018-03-03	Lower Forward Carry Through Spar Cap Integrity	11/2018	1976.2 HM 6073.6 Aircraft TT	Not due at this time.	12,000 Hours TT	Sall)
						Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Engines

N5288J	S/N 421C 0158

Engine Serial Numbers Left: 292014-R Right: 2923327-R

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
75-09-13	Turbocharger Oil Inlet Adapter	11/2018	1976.2 HM 6673.6 Aircraft TT	NA to Engine Model & Serial Number	Hall.
77-13-22	Crankcase Identification and Cracks	11/2018	1976.2 HM 6673.6 Aircraft TT	NA to Engine Model and Serial Number	Jaw.
79-05-09	Loss of Oil Pressure Indication Oil Pressure Relief Valve Housing	11/2018	1976.2 HM 6673.6 Aircraft TT	Complied with by installation of current design screw/plunger at overhaul.	Son
80-09-11	Starter Torsional Separation Damper	11/2018	1976.2 HM 6673.6 Aircraft TT	P/C/W at overhaul.	fan
80-25-06 R1	Thrust Washer	11/2018	1976.2 HM 6673.6 Aircraft TT	NA due to engine S/N's.	Sel)
81-24-06	Fuel Leakage, Engine Driven Fuel Pumps	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to fuel pumps installed.	San
86-13-04 R3	Cylinder Head Cracking Cylinder Part No.'s	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to cylinder P/N.	SLO
87-04-05	Fuel Pump Failure	11/2018	1976.2 HM 6673.6 Aircraft TT	NA by Engine Model	San
88-03-06	Loss of Engine Oil, Oil Filter	11/2018	1976.2 HM 6673.6 Aircraft TT	C/W per use of correct oil filters.	San
91-19-03	Champion Oil Filters	11/2018	1976.2 HM 6673.6 Aircraft TT	C/W per use of correct oil filters.	San
93-10-02	Missing Cylinder Valve Retainer Key	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to total time of cylinders.	San
95-21-15	Engine Detonation, Misfueling. Teardown and Inspection.	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to Aircraft Registration Number	Sound
96-12-22	Oil Filter Adapter	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to P/N of adapter installed.	San
98-17-11	Crankshafts	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to not repaired by Nelson.	San
99-19-01	Crankshaft failure	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to crankshaft s/n's	Jan)

(Cont) Airworthiness Directive Listing - Engines

2004-08-10	Prevent Loss of Engine Power	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to cylinder P/N's and manufacture dates.	Sala
2010-11-04	Rapid Wear on Face of Hydraulic Lifters	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to install date of lifters and P/N.	SE
2012-03-06	Prevent In-flight Shut Down	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to P/N and S/N of units installed.	11
2016-16-12	ECI Class 71 or Class 76 Cylinder Assembly Failure	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to P/N of cylinders installed.	20
					Air Impressions, Inc. CRS# AK6R541N

A.D. 2007-05-15 Engine Starter Adapter Inspection Compliance Table

Section: VII Page No.: 28 Title: Form L A.D. Forms

Issue Date: 04/04/2011

S/N 421C-0158

Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

AD Part	Description	Hour Meter at Compliance	Method of Compliance	Next Due	Signature
	100-hour visual inspection dampner backlash not to exceed .06	02/14/2020 12036.5 HM 6133.9 Aircraft TT	Left engine 0 .037 90 .038 180 .038 270 .039 Right Engine 0 .035 90 .037 180 .035 270 .038	Left next due 2136.5 HM Right next due 2136.5 HM	Salu
	400-hour shaft gear and bearing/bushing inspection and /or replacement	02/14/2020 12036.5 HM	Para (3) C/W at 1976.2 HM/Aircraft TT 6073.6 for left. (Para (3) C/W at RAM crankcase change 2/2020 at 2036.5 HM/6133.9 Aircraft TT for right engine. Inspected starter adapter shaft gear for wear. Inspected P/N 654472 bushing for damage and distress.		Air Impressions, Inc.

Airworthiness Directive Listing - Propellers

N5288J	S/N 421C 0158

Propeller Serial Numbers Left: 941884 Right: 777654

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
78-06-02	Blade Pitch Controls Failures	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to prop S/N's.	Sailer
2003-13-17	Detect Unsafe Conditions	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not retuned to service by T and W.	86
2005-14-11	Prevent Blade Failure	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not retuned to service by Southern California.	Solo
2006-24-07	Detect Unsafe Conditions	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not retuned to service by Oxford Aviation Service Limited.	ES.
	-				Air Impressions, Inc. CRS# AK6R541N
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Airworthiness Directive Listing - Appliances

N5288J	S/N 421C 0158

AD	Description Number	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
64-01-01	Airborne Vacuum Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per models.	11/2
74-26-09	Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per S/N's.	130
76-12-02	Airborne Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per models.	1
79-13-08	Airborne Dry Air Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per S/N's.	SSI
82-13-01	Bendix 1200 Series Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	P/C/W at engine overhaul.	18
82-20-01	Bendix 1200 Series Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	P/C/W at engine overhaul.	40
76-02-07	Prestolite Alternator	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N of alternators installed.	41
86-01-06	Parker-Hannifin-Airborne Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to serial number of pumps installed.	8
94-01-03(R2	2) Teledyne/Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per manufactured dates.	11)
94-06-09	Teledyne/Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per manufactured dates.	10
97-01-04	Cylinder Assemblies	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per engine model number.	Ad
98-23-01	Flexible Coupling	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N's of couplings and pumps installed.	4
2005-12-06 Impulse Cou	Prevent Failure of the Magneto upling Assembly.	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per non-impulse mags.	Samo
2005-18-20	Goodrich De-icing and Specialty Systems	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N of de-icers installed.	Soul
2006-03-08	To Prevent Vacuum Pump Failure	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per P/N.	Ad

(Cont) Airworthiness Directive Listing - Appliances

2006-12-07	To Prevent Loss of Engine Power	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per engine model.	
2007-04-19(R1) To Prevent Cylinder Separation	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per manufacture.	SI
2008-08-17	Loss of Tailpipe Retention	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N and S/N of turbo chargers installed.	160
2009-26-12	To Prevent Loss of Engine Power	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N.	Then
2010-07-08	Prevent Separation or Seizure of Turbo Turbine	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N and S/N of turbos installed.	Son
2012-10-52	Address Incorrectly Located Oil Passages	11/2018	1976.2 HM 6073.6 Aircraft TT	RAM P/C/W per entry dated 3/19/2014	Son
2013-21-02	Turbine Wheel Head and Shaft Joint	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N and S/N of units installed.	60
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Appliances

N5288J	S/N 421C 0158

AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
84-26-02	Induction Air Filters	11/2018	1976.2 HM 6073.6 Aircraft TT	Filter previously replaced	2123.3 HM or 6220.7 Aircraft TT	Sake)
						Air Impressions, Inc. CRS# AK6R541N

<u>Airworthiness Directive Listing - Appliances</u>

N5288J	S/N 421C 0158

AD Description Number	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
2017-06-03 Combustion Heater Deterioration	11/2018	00.0Heater HM	Installed overhauled heater assembly this date.	250.0 Heater HM or 11/2020. (Recommended overhaul due 1000 Heater Hobbs)	SLD
					Air Impressions, Inc. CRS# AK6R541N

Recurring Items

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Air Conditioner Hyd. Filter	11/2018	1976.2 HM 6073.6 Aircraft TT	Installed new filter this date.	2376.2 HM or 6473.6 Aircraft TT	Salle
					Air Impressions, Inc. CRS# AK6R541N

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Aircraft Hydraulic System Filter Elements	11/2018	1976.2 HM 6073.6 Aircraft TT	New elements previously installed. (Due each 400 flight hours)	2123.3 HM or 6220.7 Aircraft TT	San
					Air Impressions, Inc. CRS# AK6R541N

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Cabin Fire Extinguisher	02/2020	2036.5 HM 6133.9 Aircraft TT	Bottle weighed and inspected this date	02/2021	
					Air Impressions, Inc. CRS# AK6R541N

Recurring Items

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
ELT Battery	02/2020	2036.5 HM 6133.9 Aircraft TT	Tested unit per FAR 91.207(d) requirements. Installed new battery.	(Test due 02/2021) (Battery next due 11/2021)	AL)
					Air Impressions, Inc. CRS# AK6R541N

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Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
FAR 91.411	11/2018	1976.2 HM 6073.6 Aircraft TT	FAR 91.411 inspected per FAR Part 43, Appendix E, regarding the static pressure system, the altimeters and the automatic pressure altitude testing.	Currently	AL 2
FAR 91.413	11/2018	1976.2 HM 6073.6 Aircraft TT	FAR 91.413 inspected per FAR Part 43, Appendix F, regarding the transponders	Currently	Sh)
					Air Impressions, Inc CRS#AK6R541N
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N5288J	S/N 421C 0158

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Instrument Air Filter	11/2018	1976.2 HM 6073.6 Aircraft TT	New filter previously installed.	2291.3 HM or 6388.7 Aircraft TT	San
					Air Impressions, Inc. CRS# AK6R541N

N5288J	S/N 421C 0158

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Main Aircraft Battery	11/2018	1976.2 HM 6073.6 Aircraft TT	New aircraft battery installed this date.	11/2021	(lu)
					Air Impressions, Inc. CRS# AK6R541N

N5288J	S/N 421C 0158
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Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Nitrogen Bottle Hydrostatic	11/2018	1976.2 HM 6073.6 Aircraft TT	Hydrostatic tested.	11/2023	Salle
					Air Impressions, Inc. CRS# AK6R541N
9-10-10-10-10-10-10-10-10-10-10-10-10-10-					

Recurring Items

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Oxygen Bottle Hydrostatic Check	11/2018	1976.2 HM 6073.6 Aircraft TT	Hydrostatic check performed and bottle/ head sent out for overhaul.	11/2023	Salle
					Air Impressions, Inc. CRS# AK6R541N

Recurring Items

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Magneto Recommended 500-Hour Inspection	11/2018	1976.2 HM 6073.6 Aircraft TT	Installed overhauled magnetos on left engine.	Engine left mags due at 2476.2 HM or 6573.5 Aircraft TT	Shin
			Right magnetos P/C/W at 1580.6 HM.	Right engine mags due at 2080.6 HM	Adm
					Air Impressions, Inc. CRS# AK6R541N

Recurring Items

Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Next Due Compliance	Signature
Vacuum Pump Recommended 500-Hour Replacement	11/2018	1976.2 HM 6073.6 Aircraft TT	Replaced left vacuum pump this date.	Left due 2476.2 HM or 6573.6 Aircraft TT	SLIW
			Right P/C/W.	Right due 2386.0 HM	AB)
					Air Impressions, Inc. CRS# AK6R541N