

N5288J

1976 Cessna 421C

Airworthiness Directives

MSN: 421C-0158

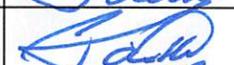


Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Airworthiness Directive Listing - Airframe

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

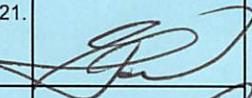
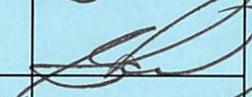
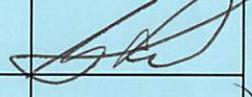
AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
76-07-07	Fuel Leakage	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number	
77-09-02	Windshield Inspection & Repair	11/2018	1976.2 HM 6073.6 Aircraft T	Inspected & modified per AD. See log entry dated 4/11/1977.	
78-11-05	Autopilot Actuators	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to P/N unit installed.	
80-13-14	Fuel Flow Transducer	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number.	
80-20-06	King KFC-200 FCS Modification	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number.	
84-03-04	Windshield Installation Inspection	11/2018	1976.2 HM 6073.6 Aircraft T	N/A due to Aircraft Serial Number	
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.	
87-21-02 R1	Fuel Filler Openings	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per fuel restrictor kit installed.	
90-02-13	Main Landing Gear	11/2018	1976.2 HM 6073.6 Aircraft T	P/C/W per entry dated 2/28/1990.	
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	
92-16-18	Commuter Seat Inspection	11/2018	1976.2 HM 6073.6 Aircraft T	Commuter style seat not installed.	
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.	
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).	
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.	
					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

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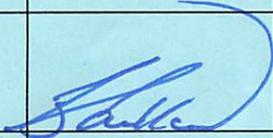
Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

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.	
(c)	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.	
(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.	
(e)	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 at intervals not to exceed 12 calendar months.	
(f)	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.	
(g)	Remove the exhaust system from the slip joints aft to all turbo-charger components.	02/14/2020 2036.5 HM 6133.9 Aircraft TT	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.	
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Airframe

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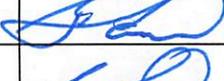
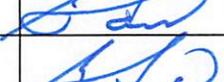
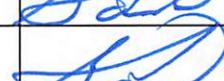
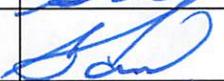
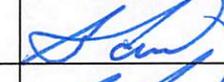
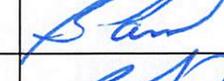
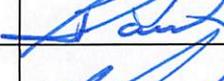
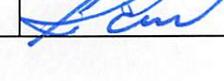
Engine Serial Numbers	Left: 292014-R	Right: 292327-R
Propeller Serial Numbers	Left: 941884	Right: 777654

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	
						Air Impressions, Inc. CRS# AK6R541N

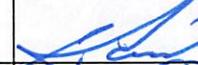
Airworthiness Directive Listing - Engines

N5288J	S/N 421C 0158
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Engine Serial Numbers	Left: 292014-R	Right: 2923327-R
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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	
77-13-22	Crankcase Identification and Cracks	11/2018	1976.2 HM 6673.6 Aircraft TT	NA to Engine Model and Serial Number	
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.	
80-09-11	Starter Torsional Separation Damper	11/2018	1976.2 HM 6673.6 Aircraft TT	P/C/W at overhaul.	
80-25-06 R1	Thrust Washer	11/2018	1976.2 HM 6673.6 Aircraft TT	NA due to engine S/N's.	
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.	
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.	
87-04-05	Fuel Pump Failure	11/2018	1976.2 HM 6673.6 Aircraft TT	NA by Engine Model	
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.	
91-19-03	Champion Oil Filters	11/2018	1976.2 HM 6673.6 Aircraft TT	C/W per use of correct oil filters.	
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.	
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	
96-12-22	Oil Filter Adapter	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to P/N of adapter installed.	
98-17-11	Crankshafts	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to not repaired by Nelson.	
99-19-01	Crankshaft failure	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to crankshaft s/n's	

(Cont) Airworthiness Directive Listing - Engines

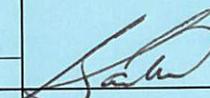
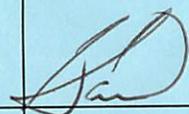
2004-08-10	Prevent Loss of Engine Power	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to cylinder P/N's and manufacture dates.	
2010-11-04	Rapid Wear on Face of Hydraulic Lifters	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to install date of lifters and P/N.	
2012-03-06	Prevent In-flight Shut Down	11/2018	1976.2 HM 6673.6 Aircraft TT	N/A due to P/N and S/N of units installed.	
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.	
					Air Impressions, Inc. CRS# AK6R541N

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

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A.D. Forms
Issue Date: 04/04/2011

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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 <u>.037</u> 90 <u>.038</u> 180 <u>.038</u> 270 <u>.039</u> Right Engine 0 <u>.035</u> 90 <u>.037</u> 180 <u>.035</u> 270 <u>.038</u>	Left next due <u>2136.5</u> HM Right next due <u>2136.5</u> HM	
	400-hour shaft gear and bearing/bushing inspection and /or replacement	02/14/2020 12036.5 HM 6133.9 Aircraft TT	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.	Left next due <u>2376.2</u> HM Right next due <u>2436.5</u> HM	
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Propellers

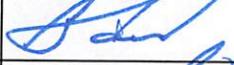
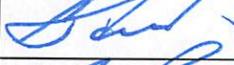
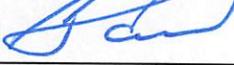
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Propeller Serial Numbers	Left: 941884	Right: 777654
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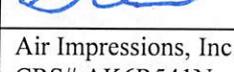
AD Number	Description	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
78-06-02	Blade Pitch Controls Failures	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to prop S/N's.	
2003-13-17	Detect Unsafe Conditions	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not returned to service by T and W.	
2005-14-11	Prevent Blade Failure	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not returned to service by Southern California.	
2006-24-07	Detect Unsafe Conditions	11/2018	1976.2 HM 6073.6 Aircraft TT	NA due to not returned to service by Oxford Aviation Service Limited.	
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Appliances

N5288J	S/N 421C 0158
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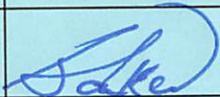
AD	Description Number	Date of Compliance	Hour Meter at Compliance	Method of Compliance	Signature
64-01-01	Airborne Vacuum Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per models.	
74-26-09	Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per S/N's.	
76-12-02	Airborne Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per models.	
79-13-08	Airborne Dry Air Pumps	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per S/N's.	
82-13-01	Bendix 1200 Series Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	P/C/W at engine overhaul.	
82-20-01	Bendix 1200 Series Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	P/C/W at engine overhaul.	
76-02-07	Prestolite Alternator	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N of alternators installed.	
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.	
94-01-03(R2)	Teledyne/Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per manufactured dates.	
94-06-09	Teledyne/Bendix Magnetos	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per manufactured dates.	
97-01-04	Cylinder Assemblies	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per engine model number.	
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.	
2005-12-06	Prevent Failure of the Magneto Impulse Coupling Assembly.	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per non-impulse mags.	
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.	
2006-03-08	To Prevent Vacuum Pump Failure	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A per P/N.	

(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.	
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.	
2009-26-12	To Prevent Loss of Engine Power	11/2018	1976.2 HM 6073.6 Aircraft TT	N/A due to P/N.	
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.	
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	
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.	
					Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Appliances

N5288J	S/N 421C 0158
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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	
						Air Impressions, Inc. CRS# AK6R541N

Airworthiness Directive Listing - Appliances

N5288J	S/N 421C 0158
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AD Number	Description	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)	
						Air Impressions, Inc. CRS# AK6R541N

