

N2702L

1981 Cessna 414A Ram IV

Airworthiness Directives

Aircraft S/N: 414A-0608



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Textron (Cessna) 414A**Airworthiness Directive
Compliance Report**

Date: 11/03/2021 Tail: N2702L S/N: 414A0608

Hours:

Misc:

Left Engine: Continental TSIO-520-NB S/N: 514121 Hours:

Left Propeller: Hartzell PHC-C3Y Series S/N: EB1542 Hours:

Right Engine: Continental TSIO-520-NB S/N: R-521612 Hours:

Right Propeller: Hartzell PHC-C3Y Series S/N: EB1554 Hours:

Airframe: Textron (Cessna) 414A

AD#	Category	Subject	Amdt #	Eff Date	Recurring
72-03-07	Airframe	Landing Gear Struts	39-1391	02/09/72	
76-13-07	Airframe	Main Landing Gear Fork Bolt	39-2656	07/07/76	Yes
78-11-05	Airframe	Autopilot Actuator Disengage Failure	39-3225	06/05/78	
78-13-05	Airframe	Improper Seat Track Fittings	39-3250	07/05/78	
80-13-14	Airframe	Fuel Flow Transducer	39-3844	07/22/80	
84-03-04	Airframe	Windshield Installation Inspection	39-4804	02/16/84	
84-20-02	Airframe	Nose Landing Gear	39-4922	11/01/84	
87-21-02 R1	Airframe	Fuel Filler Opening Modification	39-6215	06/16/89	
90-02-13	Airframe	Main Landing Gear	39-6445	02/05/90	Yes*
95-09-13	Airframe	Fuel Inlet Float Valve	39-9217	06/14/95	Yes
97-01-13	Airframe	Collapsed Fuel, Oil, Hydraulic Hoses	39-9884	02/03/97	

97-26-16	Airframe	Engine Mount Beams	39-10259	02/02/98	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
98-04-28	Airframe	AFM - Limitations Section - Icing	39-10340	03/13/98	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
98-24-14	Airframe	Exhaust System	39-10923	12/21/98	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
00-01-16	Airframe	Exhaust System Corrosion	39-11514	02/15/00	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
05-12-13	Airframe	Wing Spar Cracks	39-14129	06/22/05	Yes*
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
05-20-25	Airframe	Avionics Bus Circuit Breaker Switch	39-14321	11/09/05	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
12-23-01	Airframe	Flap Control System	39-17257	12/26/12	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
15-07-03	Airframe	Engine Mount Beam Cracks	39-18131	04/24/15	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
16-17-08	Airframe	Elevator Tab Control System	39-18621	09/12/16	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
17-10-09	Airframe	Nacelle Fitting Cracks	39-18883	06/07/17	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
18-03-03 R1	Airframe	Carry Through Spar Cap	39-19276	05/23/18	Yes
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	

Left Engine: Continental TSIO-520-NB

AD#	Category	Subject	Amdt #	Eff Date	Recurring
79-05-09	L Engine	Oil Pressure Relief Valve Housing	39-3426	03/12/79	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	
80-01-04	L Engine	Rebarrelled Cylinder Assemblies	39-3647	01/25/80	
Date/Hours at Compliance:		Method of Compliance:		Name:	
Next Due Date/Hours:		Signature:		Cert#:	

81-24-06	L Engine	Engine Driven Fuel Pump Leaks	39-4260	11/23/81	Yes*
82-09-01	L Engine	Fuel Pressure Regulator Leaks	39-4412	07/08/82	
86-13-04 R3	L Engine	Cylinder Assemblies Pressure Test	39-5850	02/24/88	Yes*
88-03-06	L Engine	Oil Filter	39-5888	04/15/88	
89-24-01 R1	L Engine	Scavenge Oil Pump Gears	39-6645	08/10/90	
91-19-03	L Engine	Collapsed Oil Filter Elements	39-8030	09/29/91	
93-10-02	L Engine	Missing Cylinder Valve Retainer Key	39-8603	08/12/93	
93-16-15	L Engine	Fuel Pump Drive Shaft	39-8743	12/14/93	
95-21-15	L Engine	Detonation Due To Low Octane	39-9402	11/28/95	
97-26-17	L Engine	Airmelt Process Crankshafts	39-10260	01/23/98	Yes
98-01-08	L Engine	Exhaust Roller Rocker Arms	Priority Letter	12/23/97	
99-19-01	L Engine	Crankshaft Cheek Cracks	39-11290	09/30/99	
00-23-21	L Engine	Crankshaft Connecting Rod Journal Failure	39-11994	12/12/00	
04-08-10	L Engine	ECi Reciprocation Engine Cylinder Head Cracks	39-13579	05/05/04	

07-04-19 R1	L Engine	Superior Air Parts Cylinder Assemblies	39-15005	05/07/07	
09-19-07	L Engine	EQ3 Cylinder Head Cracks	39-16023	10/07/09	Yes
10-11-04	L Engine	Hydraulic Lifter Face Wear	39-16309	06/16/10	
12-03-06	L Engine	AVStar Fuel Servo Diaphragm	39-16947	02/24/12	
12-10-13	L Engine	Starter Adaptor Gear Shaft	39-17062	06/08/12	
14-05-29	L Engine	(SAP) Cast Cylinder Assemblies	39-17801	04/25/14	Yes
16-16-12	L Engine	AEC/CMI Cylinder Assemblies	39-18610	09/15/16	

Right Engine: Continental TSIO-520-NB

AD#	Category	Subject	Amdt #	Eff Date	Recurring
79-05-09	R Engine	Oil Pressure Relief Valve Housing	39-3426	03/12/79	
80-01-04	R Engine	Rebarrelled Cylinder Assemblies	39-3647	01/25/80	
81-24-06	R Engine	Engine Driven Fuel Pump Leaks	39-4260	11/23/81	Yes*
82-09-01	R Engine	Fuel Pressure Regulator Leaks	39-4412	07/08/82	
86-13-04 R3	R Engine	Cylinder Assemblies Pressure Test	39-5850	02/24/88	Yes*
88-03-06	R Engine	Oil Filter	39-5888	04/15/88	

89-24-01 R1	R Engine	Scavenge Oil Pump Gears	39-6645	08/10/90	
91-19-03	R Engine	Collapsed Oil Filter Elements	39-8030	09/29/91	
93-10-02	R Engine	Missing Cylinder Valve Retainer Key	39-8603	08/12/93	
93-16-15	R Engine	Fuel Pump Drive Shaft	39-8743	12/14/93	
95-21-15	R Engine	Detonation Due To Low Octane	39-9402	11/28/95	
97-26-17	R Engine	Airmelt Process Crankshafts	39-10260	01/23/98	Yes
98-01-08	R Engine	Exhaust Roller Rocker Arms	Priority Letter	12/23/97	
99-19-01	R Engine	Crankshaft Cheek Cracks	39-11290	09/30/99	
00-23-21	R Engine	Crankshaft Connecting Rod Journal Failure	39-11994	12/12/00	
04-08-10	R Engine	ECi Reciprocation Engine Cylinder Head Cracks	39-13579	05/05/04	
07-04-19 R1	R Engine	Superior Air Parts Cylinder Assemblies	39-15005	05/07/07	
09-19-07	R Engine	EQ3 Cylinder Head Cracks	39-16023	10/07/09	Yes
10-11-04	R Engine	Hydraulic Lifter Face Wear	39-16309	06/16/10	
12-03-06	R Engine	AVStar Fuel Servo Diaphragm	39-16947	02/24/12	

12-10-13	R Engine	Starter Adaptor Gear Shaft	39-17062	06/08/12	
14-05-29	R Engine	(SAP) Cast Cylinder Assemblies	39-17801	04/25/14	Yes
16-16-12	R Engine	AEC/CMI Cylinder Assemblies	39-18610	09/15/16	

Left Propeller: Hartzell PHC-C3Y Series

AD#	Category	Subject	Amdt #	Eff Date	Recurring
94-17-13	L Propeller	Propeller Hub Grease Fitting Hole Cracks	39-9008	09/15/94	Yes
01-07-03	L Propeller	BASCO Serviced Propellers	39-12168	06/04/01	
03-13-17	L Propeller	T and W Serviced Propellers	39-13219	07/18/03	
05-14-11	L Propeller	Southern California Propeller Serviced Propellers	39-14188	08/17/05	
06-24-07	L Propeller	Oxford Aviation/CSE Aviation Serviced Propellers	39-14836	01/03/07	
07-26-09	L Propeller	Fatigue Cracks	39-15311	01/30/08	

Right Propeller: Hartzell PHC-C3Y Series

AD#	Category	Subject	Amdt #	Eff Date	Recurring
94-17-13	R Propeller	Propeller Hub Grease Fitting Hole Cracks	39-9008	09/15/94	Yes
01-07-03	R Propeller	BASCO Serviced Propellers	39-12168	06/04/01	
03-13-17	R Propeller	T and W Serviced Propellers	39-13219	07/18/03	
05-14-11	R Propeller	Southern California Propeller Serviced Propellers	39-14188	08/17/05	

06-24-07	R Propeller	Oxford Aviation/CSE Aviation Serviced Propellers	39-14836	01/03/07
Date Due at Compliance		Method of Compliance		Name
Next Due Date/Hours		Signature		Cert#
07-26-09	R Propeller	Fatigue Cracks	39-15311	01/30/08
Date Due at Compliance		Method of Compliance		Name
Next Due Date/Hours		Signature		Cert#