

Report Produced By: Charles King

Address:

Phone:

Airworthiness Directive Compliance Record

File ID: **NEW**

USARL Research Date: **03/03/2004**

Manufacturer
Textron Lycoming

Model
IO-540-G1D5

Part # : Not Specified
Serial # : Not Specified

AD Number Effective date	Description	Complied Date Time	Status Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. by
63-14-03 07/06/1963 ©ATP	OIL PUMP DRIVE SHAFT ©ATP			Recur		1. 2. 3. 4. ©ATP Signature:
66-20-04 08/27/1966 ©ATP	TO PREVENT FURTHER FAILURES OF OIL FILTER ADAPTER GASKET, P/N 74904 ©ATP			Once		1. 2. 3. 4. ©ATP Signature:
73-23-01 R(4) 01/13/1977 ©ATP	TO PREVENT PISTON PIN FAILURES RESULTING FROM GRINDING CRACKS WHICH OCCURRED D ©ATP			Once		1. 2. 3. 4. ©ATP Signature:
75-08-09 R(3) 08/18/1977 ©ATP	TO PREVENT OIL PUMP FAILURES, INSPECT, REPLACE AND ASSEMBLE THE OIL PUMP DRIVE ©ATP			Once		1. 2. 3. 4. ©ATP Signature:
75-09-15 04/30/1975 ©ATP	TO PREVENT POSSIBLE FUEL STARVATION TO THE ENGINE ©ATP			Once		1. 2. 3. 4. ©ATP Signature:
78-23-10 11/07/1978 ©ATP	TO PREVENT AN IN-FLIGHT POWER LOSS DUE TO AN OVER RICH CONDITION, CONTD. ©ATP			Once		1. 2. 3. 4. ©ATP Signature:

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79-04-05 09/26/1979 ©ATP	TO PREVENT AN IN-FLIGHT POWER LOSS DUE TO THE SEPARATION OF THE P/N 2529192 RE ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
81-18-04 R2 06/07/1982 ©ATP	Superseded by 96-09-10 ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
83-22-04 11/04/1983 ©ATP	TO PREVENT ENGINE FAILURE DUE TO FATIGUE FAILURE OF THE INJECTOR FUEL DIAPHRAG ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
91-08-07 C 05/06/1991 ©ATP	TO PREVENT ENGINE POWER LOSS AND POSSIBLE LOSS OF THE AIRCRAFT ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
91-14-22 08/19/1991 ©ATP	TO PREVENT LOOSENING OR FAILURE OF THE CRANKSHAFT GEAR RETAINING BOLT, WHICH M ©ATP			Recur ©ATP		1. 2. 3. 4. Signature:
92-12-05 07/10/1992 ©ATP	TO PREVENT PISTON PIN FAILURE, OR PISTON RELEASE, AND ENGINE FAILURE ©ATP			Once ©ATP		1. 2. 3. 4. Signature:

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AD Number Effective date	Description	Complied Date Time	Status Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. by
93-02-05 06/14/1993	Superseded by 2002-26-01			Recur		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
95-07-01 04/12/1995	TO PREVENT ENGINE FAILURE DUE TO CONNECTING ROD BOLT FAILURE, WHICH COULD RESU			Once		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
96-09-10 C 07/15/1996	TO PREVENT OIL PUMP FAILURE DUE TO IMPELLER FAILURE, WHICH COULD RESULT IN AN			Once		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
96-23-03 12/17/1996	TO PREVENT AN INFLIGHT ENGINE FAILURE DUE TO FUEL STARVATION, WHICH COULD RESU			Once		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
97-01-03 01/21/1997	Superseded by 97-15-11			Once		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
97-15-11 08/12/1997	TO PREVENT PISTON PIN FAILURE, WHICH COULD RESULT IN ENGINE FAILURE			Once		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	

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AD Number Effective date	Description	Complied Date Time	Status Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 3. Cert. Num. 2. Cert. Type 4. Author. by
98-17-11 C 10/19/1998 ©ATP	TO PREVENT CRANKSHAFT FAILURE DUE TO CRACKING, WHICH COULD RESULT IN AN INFLIG ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
98-18-12 09/28/1998 ©ATP	Superseded by 2003-14-03 ©ATP			Recur ©ATP		1. 2. 3. 4. Signature:
2002-19-03 09/20/2002 ©ATP	To prevent crankshaft failure, which could result in total engine power loss, ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
2002-20-51 E 10/01/2002 ©ATP	Superseded by 2002-23-06 ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
2002-23-06 11/19/2002 ©ATP	To prevent loss of all engine power and possible forced landing ©ATP			Once ©ATP		1. 2. 3. 4. Signature:
2002-26-01 01/31/2003 ©ATP	To prevent failure of the fuel injector fuel lines allowing fuel to spray into ©ATP			Recur ©ATP		1. 2. 3. 4. Signature:

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<u>Manufacturer</u>	<u>Model</u>
Textron Lycoming	IO-540-G1D5

Part # : Not Specified
Serial # : Not Specified

AD Number Effective date	Description	Complied Date Time	Status Method of Compliance/Applicability	Once or Recur	Next Due Date Time	1. Facility 2. Cert. Type 3. Cert. Num. 4. Author. by
2003-14-03 08/14/2003	To prevent rotary fuel pump leaks, which could result in an engine failure, en			Recur		1. 2. 3. 4.
©ATP	©ATP			©ATP	Signature:	
						1. 2. 3. 4.
					Signature:	
						1. 2. 3. 4.
					Signature:	
						1. 2. 3. 4.
					Signature:	
						1. 2. 3. 4.
					Signature:	

AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

Name: **IAR 823**

N: **2087P**

Ser.No.: **36**

AD NO. & Rev. Date Number	Subject	Date & Hours at Compliance	Method of Compliance	One-time	Recurring	Next Comp. Due Date	Auth. Sig. and
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Magnetos		SGLN 1227 - B 00254		SGLN 1209 - B 002034					
73-07-04		Superseded by 94-01-03 R2							
74-26-09			W/A BY S/N						
78-09-07 R3		Superseded by 96-12-07							
78-18-04			W/A BY MODEL						
79-12-07			N/A BY MODEL		IX				
79-18-06			W/A BY MODEL						
80-17-14			N/A BY MODEL						
81-12-06 R1			W/A BY MODEL		IX				
82-11-05			N/A BY MODEL		IX				
82-13-01			N/A BY DIS TR. BLACK COLOR		IX				
82-20-01			W/A BY C						
94-01-03 R2			N/A BY S/N						
94-06-09		Capacitors	W/A BY S/N						
96-12-07		Magneto failure	W/A BY DUE AT 500 HRS		IX		500 HRS		

HC-92WK

P16EA

73-02-01		Superseded by 95-11-08							
95-11-08		Blade separation				IX			

IO-540 Series

1E4

63-14-03			N/A BY S/N						
64-16-05			N/A BY P/N						
66-20-04			N/A NO OIL FILTER						
67-22-06			N/A BY MODEL						
69-08-09			N/A BY MODEL						
73-23-01			W/A BY S/N						
75-08-09			W/A BY MODEL						
75-09-15			N/A BY P/N						
78-23-08			N/A BY MODEL / DATE						
81-03-05			N/A BY MODEL						
81-18-04 R2		Superseded by 96-09-10				IX			
83-22-04			W/A BY P/N						

AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

Name: IAR 823 N: 2087P
 Ser.No.: 36

AD NO. & Rev. Date Number	Subject	Date & Hours at Compliance	Method of Compliance	One-time	Recurring	Next Compliance Due Date	Auth. Sig. and
87-10-06 R1			N/A BY S/N				
92-12-05	Piston pin failure		N/A BY DATE				
92-20-07	Superseded by 93-05-21		N/A BY DATE				
93-05-21	Superseded by 93-11-11						
93-11-11	Disruption of fuel flow		N/A BY DATE				
95-07-01	Connecting rod bolt failure		N/A BY DATE				
96-09-10	Oil pump failure		N/A BY MODEL				
96-23-03	Fuel starvation		N/A BY DATE				
97-01-03	Superseded by 97-15-11						
97-01-04	Cylinder head separation		N/A BY P/W		X		
97-15-11	Piston pin failure		N/A BY DATE				
98-17-11	Crankshaft cracks		N/A BY MODEL				
98-18-12	Rotary fuel pump leaks		N/A BY P/W				