

AIRWORTHINESS DIRECTIVES FINAL RULES: 88-17-01

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AMENDMENT: 39-6092

AD NUMBER: 88-17-01

SUBJECT HEADING: ALLISON GAS TURBINE DIVISION, GENERAL MOTORS CORPORATION (ALLISON) Model 250-B17, -C20, -C20R, and -C30 Series Engines

ACTION:

SUMMARY:

DATES: Effective March 1, 1989.

ADDRESSES:

FOR FURTHER INFORMATION CONTACT:

SUPPLEMENTARY INFORMATION:

REGULATORY TEXT: 88-17-01 ALLISON GAS TURBINE DIVISION, GENERAL MOTORS CORPORATION (ALLISON): Amendment 39-6092. Final copy of Priority Letter AD 88-17-01 issued August 15, 1988.

Applicability: Allison Model 250-B17, -C20, -C20R, and -C30 series engines, incorporating Bendix gas producer fuel controls listed in the attached appendix, installed in aircraft certificated in any category.

Compliance: Required as indicated, unless already accomplished.

To prevent possible engine over-temperature, loss of throttle response, or unscheduled power increase accomplish the following:

(a) Remove from service within the next ten (10) operating hours after the effective date of this AD, the affected Bendix gas producer fuel controls listed by part number and serial number in the attached appendix and replace with a serviceable part.

NOTES: (1) Out-of-service affected Bendix gas producer fuel controls, listed by part number and serial number in the attached appendix, may be returned to service upon the incorporation of Allison Alert Commercial Engine Bulletin (CEB) titled "Engine, Fuel and Control, Inspection of Certain Bendix Fuel Control Bellows Assemblies", dated August 1, 1988, with applicability as follows:

ENGINE MODEL	BULLETIN NUMBER
250-C20 Series	CEB-A-1272
250-B17 Series	TP CEB-A-1231
250-C30 Series	CEB-A-73-3042
250-C20R Series	CEB-A-73-4008

(2) Those affected Bendix gas producer fuel controls incorporating the above-cited Allison Alert CEB are identified by a green mark on the cylinder portion of the self-locking cap nut and either the letter "A" or the

letter "B" in the "LESS ISSUE" block of the data plate.

(b) Aircraft may be ferried in accordance with the provisions of FAR 21.197 and 21.199 to a base where this AD can be accomplished.

(c) Upon request, an equivalent means of compliance with the requirements of this AD may be approved by the Manager, Chicago Aircraft Certification Office, Federal Aviation Administration, 2300 East Devon Avenue, Des Plaines, Illinois 60018.

(d) Upon submission of substantiating data by an owner or operator through an FAA Airworthiness Inspector, the Manager, Chicago Aircraft Certification Office, may adjust the compliance time specified in this AD.

Allison Alert CEB titled "Engine, Fuel and Control, Inspection of Certain Bendix Fuel Control Bellows Assemblies", dated August 1, 1988, identified and described in this document, is incorporated herein and made a part hereof pursuant to 5 U.S.C. 552(a)(1). All persons affected by this directive who have not already received this document from the manufacturer may obtain copies upon request to Allison Gas Turbine Division, General Motors Corporation, P.O. Box 420, Indianapolis, Indiana 46206-0420. This document may also be examined at the Office of the Assistant Chief Council, Federal Aviation Administration, New England Region, 12 New England Executive Park, Burlington, Massachusetts 01803, Room 311, Rules Docket Number 88-ANE-32, between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, except federal holidays.

This amendment (39-6092, AD 88-17-01) becomes effective March 1, 1989, as to all persons except those persons to whom it was made immediately effective by individual Priority Letter AD 88-17-01 issued August 15, 1988, which contained this amendment.

APPENDIX AD 88-17-01

Bendix Fuel Controls:				
Bendix Part No.:	2524644-26 (Allison 23033917)			
Serial No.:	87241174	87490092	88041524	88090122
	87370001	88041515	88090107	88090124
	*	87430041	88041516	88090110
88090125				
	87430042	88041517	88090112	88090126
	*	87430044	88041518	88090114
88090128				
	87430045	88041519	88090116	88090129
	87490081	88041520	88090118	88090130
	87490082	88041521	88090119	88090131
	87490083	88041522	88090120	
	87490084	88041523	88090121	
Bendix Part No.:	2524654-23 (Allison 23036660)			
Serial No.:	87251235			
	87460078			
Bendix Part No.:	2524886-10 (Allison 23033919)			
Serial No.:	87430052	87430055	87490102	
	87430053	87490101	87490104	

Bendix Part No:	2524922-6 (Allison 23033849)			
Serial No.:	87370010			
	88090143			
	88090144			
Bendix Part No.:	2524957-3 (Allison 23030614)			
Serial No.:	84250105			
Bendix Part No.:	2524986-2 (Allison 23038954)			
Serial No.:	87490095			
	87490098			
Bendix Part No.:	2549032-2 (Allison 23037275)			
Serial No.:	87430056	87430063	88090154	88090163
	87430057	87430065	88090155	88090165
	87430059	88090147	88090156	88090166
	87430060	88090149	88090157	88130236
	87430061	88090151	88090158	88130249
	87430062	88090152	88090160	88130250

*These Serial Nos. corrected from Priority Letter AD 88-17-01 by this Final Rule.

FOOTER: