

PART 39—AIRWORTHINESS DIRECTIVES

■ 1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

■ 2. The FAA amends § 39.13 by adding the following new AD:

2007-22-04 Airbus: Amendment 39-15240. Docket No. FAA-2007-0073; Directorate Identifier 2007-NM-229-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective November 8, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to all Airbus Model A330 airplanes, certificated in any category, all certified models, all serial numbers.

Subject

(d) Air Transport Association (ATA) of America Code 28: Fuel.

Reason

(e) The mandatory continued airworthiness information (MCAI) states:

During cruise, an A330 operator experienced a LH (left-hand) wing tank pump #1 low pressure message followed immediately by LH wing tank stand-by pump low pressure message, then LH wing tank pumps low pressure message. The flight crew opened the cross-feed valve to feed the engine on LH wing from RH (right-hand) wing but RH wing tank pumps low-pressure message was displayed as well as advisory unbalanced fuel message. It was reported that the cross-feed was closed in accordance with applicable procedure and the aircraft was landed successfully.

It has been identified that both engines were gravity fed above the certified gravity feed ceiling for a brief period of time.

It has been confirmed following fuel tank entry that outlet of the LH pump #2 canister had broken due to static overload.

If this situation is not corrected, it can lead to the loss of fuel on both engines in flight which constitutes an unsafe condition.

To prevent a dual engine flameout, this Emergency Airworthiness Directive (EAD) mandates an operational procedure which covers the scenario of small or large engine feed line ruptures and to add also a method to recover fuel in the unlikely event that the engine on the affected wing fails to restart at or below the gravity feed ceiling.

Actions and Compliance

(f) Within 10 days after the effective date of this AD, unless already done, revise the Procedures and Emergency sections of the Airbus A330 Airplane Flight Manual (AFM) to include the information in Airbus A330 Temporary Revision (TR) 4.02.00/39, dated June 21, 2007. The TR revises the procedure to follow in the event of fuel pump low pressure warnings and adds operational

procedures to follow in the event of a feed fuel line rupture.

Note 1: The action required by paragraph (f) of this AD may be done by inserting into the appropriate AFM sections a copy of the TR listed in paragraph (f) of this AD. When this TR has been included in the general revisions of the AFM, the general revisions may be inserted into the AFM, provided the relevant information in the general revision is identical to that in the TR listed in paragraph (f) of this AD.

Note 2: This AFM TR will be incorporated in another AFM TR associated to the introduction of Flight Warning Computer T2 standard.

FAA AD Differences

Note 3: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(g) The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM 116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Tim Backman, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, Washington 98057-3356; telephone (425) 227-2797; fax (425) 227-1149. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) *Airworthy Product:* For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) *Reporting Requirements:* For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act, the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(h) Refer to Mandatory Continuing Airworthiness Information (MCAI) European Aviation Safety Agency Emergency Airworthiness Directive 2007-0216-E, dated August 8, 2007, and Airbus A330 Temporary Revision 4.02.00/39, dated June 21, 2007, to the Airbus A330 AFM, for related information.

Material Incorporated by Reference

(i) You must use Airbus A330 Temporary Revision 4.02.00/39, dated June 21, 2007, to the Airbus A330 Airplane Flight Manual, to do the actions required by this AD, unless the AD specifies otherwise. (The issue date is

identified only on the first page of the temporary revision; no other page of the document contains the date.)

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Airbus, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France.

(3) You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on October 12, 2007.

Stephen P. Boyd,

Assistant Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E7-20817 Filed 10-23-07; 8:45 am]

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DEPARTMENT OF TRANSPORTATION**Federal Aviation Administration****14 CFR Part 39**

[Docket No. FAA-2007-27927; Directorate Identifier 2006-NM-182-AD; Amendment 39-15239; AD 2007-22-03]

RIN 2120-AA64

Airworthiness Directives; Airbus Model A300 Series Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for all Airbus Model A300 series airplanes. This AD requires revising the Airworthiness Limitations Section of the Instructions for Continued Airworthiness to incorporate new limitations for fuel tank systems. This AD results from fuel system reviews conducted by the manufacturer. We are issuing this AD to prevent the potential of ignition sources inside fuel tanks, which, in combination with flammable fuel vapors caused by latent failures, alterations, repairs, or maintenance actions, could result in fuel tank explosions and consequent loss of the airplane.

DATES: This AD becomes effective November 28, 2007.

The Director of the Federal Register approved the incorporation by reference

of a certain publication listed in the AD as of November 28, 2007.

ADDRESSES: For service information identified in this AD, contact Airbus, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (telephone 800-647-5527) is the Document Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Tom Stafford, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington 98057-3356; telephone (425) 227-1622; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Discussion

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to all Airbus A300 series airplanes. That NPRM was published in the **Federal Register** on April 20, 2007 (72 FR 19823). That NPRM proposed to require revising the Airworthiness Limitations Section (ALS) of the Instructions for Continued Airworthiness to incorporate new limitations for fuel tank systems.

Actions Since NPRM Was Issued

After we issued the NPRM, Airbus published the A300 Fuel Airworthiness Limitations, Document 95A.1928/05, Issue 2, dated May 11, 2007 (approved by the European Aviation Safety Agency (EASA) on July 6, 2007) (hereafter referred to as "Document 95A.1928/05"). In the NPRM, we referred to Issue 1 of Document 95A.1928/05, dated December 19, 2005, as the appropriate source of service information for accomplishing the actions proposed in the NPRM. The fuel airworthiness limitations (FALs) specified in Issue 2 of Document 95A.1928/05 are the same as those in Issue 1 of Document 95A.1928/05. Airbus has revised certain task titles in Section 1 of Issue 2 of Document 95A.1928/05 and has clarified the applicability and corrected certain

airplane maintenance manual (AMM) references in Section 2 of the document. Therefore, we have revised this AD by referring to Issue 2 of Document 95A.1928/05 as the appropriate source of service information.

After we issued the NPRM, EASA issued airworthiness directive 2007-0094 R1 dated May 2, 2007, to correct certain compliance times; our NPRM included the correct compliance times, which we explained as differences between the NPRM and EASA airworthiness directive 2006-0200, dated July 11, 2006. The compliance times in this AD already correspond with the compliance times of EASA airworthiness directive 2007-0094 R1. Therefore, we have revised paragraph (k) of this AD to refer to EASA airworthiness directive 2007-0094 R1.

After we issued the NPRM, Airbus published Operator Information Telex (OIT) SE 999.0079/07, Revision 01, dated August 14, 2007, to identify the applicable sections of the Airbus A300 AMM necessary for accomplishing the tasks specified in Section 1 of Document 95A.1928/05. We have added a note to paragraph (f) of this AD to refer to that OIT.

Comments

We provided the public the opportunity to participate in the development of this AD. We have considered the comments received.

Request To Clarify the Initial Compliance Time

TradeWinds Airlines requests that we revise paragraph (f) of the NPRM to clarify that the "INTERVAL" values specified in Section 1 of Document 95A.1928/05 are also the initial threshold values. The commenter states that it is unclear whether the initial compliance times are the interval values.

We agree that the values specified in the "INTERVAL" column of the "MAINTENANCE/INSPECTION TASKS" table in Section 1 of Document 95A.1928/05 should be used as the initial compliance time, as well as the repetitive interval. We have also clarified the compliance time in paragraph (f) of this AD by adding the word "thereafter" to more clearly state that "* * * the repetitive inspections must be accomplished thereafter * * *."

Request To Revise "Relevant Service Information" Section

Airbus requests that we revise the "Relevant Service Information" section to state that "Section 1, 'Maintenance/Inspection Tasks,' of Document

95A.1928/05 describes certain FAL inspections, which are periodic inspections of certain features for latent failures that could contribute to a fire." In the NPRM, we specified that the latent failures could contribute to an ignition source. As justification, Airbus states that not all three tasks identified in Section 1 of Document 95A.1928/05 contribute to minimizing the risk of an ignition source: Only Task 3 minimizes the risk of an ignition source, while Tasks 1 and 2 minimize the occurrence of a combustible environment. We agree with Airbus's statements. However, we have not revised this AD in this regard since the "Relevant Service Information" section is not retained in a final rule.

Request To Revise the Unsafe Condition

Airbus states that it does not agree that there is an unsafe condition on Model A300 series airplanes, prior to accomplishing the maintenance/inspection tasks in Section 1 of Document 95A.1928/05. Airbus agrees that performing these tasks contributes to minimizing the risk of either an ignition source (Task 3) or the occurrence of a combustible environment (Tasks 1 and 2). In regard to the critical design configuration control limitations (CDCCLs), Airbus states that no unsafe condition exists at delivery, and that no unsafe condition will develop provided that operators observe the CDCCLs after delivery. Airbus further states that the CDCCLs are introduced to reduce the risk that an operator may inadvertently alter the design or installation, thus introducing a less safe configuration.

We infer Airbus would like us to revise the unsafe condition in this AD to incorporate its comments. We do not agree to revise the unsafe condition of this AD. Fuel airworthiness limitations (FALs) are items arising from a systems safety analysis that have been shown to have failure modes associated with an unsafe condition, as defined in FAA Memorandum 2003-112-15, "SFAR 88—Mandatory Action Decision Criteria," dated February 25, 2003. These FALs are identified in failure conditions for which an unacceptable probability of ignition risk could exist if specific tasks or practices or both are not performed in accordance with a manufacturer's requirements. As Airbus notes, if an operator does not observe the CDCCLs after delivery, then an unsafe condition could occur. For this reason we must mandate Document 95A.1928/05 to ensure the CDCCLs are observed. We have not changed this AD in this regard.

Requests To Clarify the Requirements of Paragraph (h)

Airbus requests that we revise paragraph (h) of the NPRM to state that operators are required to update their internal procedures and documentation to ensure appropriate management and control of the CDCCLs specified in Section 2 of Document 95A.1928/05. Airbus states that paragraph (h) of the NPRM is unclear about what an operator is expected to do with the CDCCLs. Airbus further states that paragraph (h) of the NPRM tells operators to add the CDCCLs to the ALS, but Airbus states that it has already done so for operators. Airbus also states that the ALS is part of the type certification (TC) documentation and is not changed by operators. TradeWinds Airlines requests that we provide guidance as to what is acceptable for compliance with the requirements of paragraph (h) of the NPRM. TradeWinds Airlines states that simply listing the CDCCLs in a maintenance schedule would have little or no effect on preserving critical ignition source prevention features. The commenter further states that the Airbus A300 AMM would be the source of the approved data for accomplishing the tasks related to the CDCCLs, and that revisions to the AMM would be sufficient for providing instruction to retain the critical ignition source prevention features.

Although we understand Airbus's concerns and welcome any feedback that would improve the readability or usability of an AD, the suggested language is too vague to be legally enforceable, so we cannot use it in this AD. We understand that Airbus has revised its airworthiness limitations document. However, according to section 39.7 of the Federal Aviation Regulations (14 CFR 39.7), no person may operate a product unless the requirements of an applicable AD have been met. The burden is placed on the operator, not on the manufacturer, to ensure that the requirements of an AD are met. The requirement, as stated in the NPRM, is for the operator to revise its copy of the airworthiness limitations document. This ensures that each affected operator maintains a current copy of the required airworthiness limitations.

Concerning Airbus's statement that paragraph (h) of the NPRM does not clearly specify what an operator is expected to do with the CDCCLs, we clarify that paragraph (h) requires affected operators to revise their copies of the airworthiness limitations document to include the CDCCL requirements. This is the only requirement imposed under

this AD for CDCCLs; once this revision has been accomplished, compliance with paragraph (h) of this AD has been completed. Subsequently, section 91.403(c) of the Federal Aviation Regulations (14 CFR 91.403(c)) requires an affected operator to comply with the revised Airworthiness Limitations document. Ensuring that one's maintenance program and the actions of its maintenance personnel are in accordance with the Airworthiness Limitations is required, but not by the AD. According to 14 CFR 91.403(c), no person may operate an aircraft for which airworthiness limitations have been issued unless those limitations have been complied with. Therefore, there is no need to further expand the requirements of the AD beyond that which was proposed because 14 CFR 91.403(c) already imposes the appropriate required action after the airworthiness limitations are revised. We have not changed this AD in this regard.

Request To Cite Airbus ALS Part 5

Airbus disagrees with the statement that it has not yet published a document titled, "Airbus ALS Part 5, Fuel Airworthiness Limitations," for Model A300 series airplanes. We made that statement in the "Clarification of Service Information" section of the NPRM. Airbus acknowledges that Document 95A.1928/05 has not yet been written in the ALS Part 5 format, but that it intends to do so after Issue 2 of Document 95A.1928/05 has been approved. Airbus states that EASA airworthiness directive 2007-0094 R1 correctly refers to Document 95A.1928/05, since that document contains the actual limitations.

We infer that Airbus requests we revise paragraphs (f) and (h) of this AD to incorporate the information in " * * * Airbus ALS Part 5, Fuel Airworthiness Limitations, as defined in Airbus A300 Fuel Airworthiness Limitations, Document 95A.1928/05. * * * " We agree that the relevant fuel airworthiness limitations are specified in Document 95A.1928/05. In review of the service information Airbus has published on-line, we could not find any document titled "Airbus ALS Part 5, Fuel Airworthiness Limitations." The Office of the Federal Register (OFR) requires that we incorporate by reference all the documents that are necessary for accomplishing the requirements of this AD. Further, we are required to cite the document title exactly as it appears on the document. Since the limitations are in Document 95A.1928/05, we do not need to refer to

Airbus ALS Part 5. We have not changed this AD in this regard.

Conclusion

We have carefully reviewed the available data, including the comments received, and determined that air safety and the public interest require adopting the AD with the changes described previously. We have determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

Costs of Compliance

This AD affects about 30 airplanes of U.S. registry. The required actions take about 2 work hours per airplane, at an average labor rate of \$80 per work hour. Based on these figures, the estimated cost of the AD for U.S. operators is \$4,800, or \$160 per airplane.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, Section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify that this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866;
- (2) Is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
- (3) Will not have a significant economic impact, positive or negative, on a substantial number of small entities

under the criteria of the Regulatory Flexibility Act.

We prepared a regulatory evaluation of the estimated costs to comply with this AD and placed it in the AD docket. See the **ADDRESSES** section for a location to examine the regulatory evaluation.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

■ Accordingly, under the authority delegated to me by the Administrator, the FAA amends 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

■ 1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

■ 2. The Federal Aviation Administration (FAA) amends § 39.13 by adding the following new airworthiness directive (AD):

2007–22–03 Airbus: Amendment 39–15239. Docket No. FAA–2007–27927; Directorate Identifier 2006–NM–182–AD.

Effective Date

(a) This AD becomes effective November 28, 2007.

Affected ADs

(b) None.

Applicability

(c) This AD applies to all Airbus Model A300 series airplanes, certificated in any category, except Airbus Model A300–600 series airplanes.

Note 1: This AD requires revisions to certain operator maintenance documents to include new inspections and critical design configuration control limitations (CDCCLs). Compliance with the operator maintenance documents is required by 14 CFR 91.403(c). For airplanes that have been previously modified, altered, or repaired in the areas addressed by these inspections and CDCCLs, the operator may not be able to accomplish the inspections and CDCCLs described in the revisions. In this situation, to comply with 14 CFR 91.403(c), the operator must request approval for an alternative method of compliance according to paragraph (j) of this AD. The request should include a description of changes to the required inspections and CDCCLs that will preserve the critical ignition source prevention feature of the affected fuel system.

Unsafe Condition

(d) This AD results from fuel system reviews conducted by the manufacturer. We are issuing this AD to prevent potential of ignition sources inside fuel tanks, which, in

combination with flammable fuel vapors caused by latent failures, alterations, repairs, or maintenance actions, could result in fuel tank explosions and consequent loss of the airplane.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Revise Airworthiness Limitations Section (ALS) To Incorporate Fuel Maintenance and Inspection Tasks

(f) Within 3 months after the effective date of this AD, revise the ALS of the Instructions for Continued Airworthiness to incorporate Airbus A300 Fuel Airworthiness Limitations, Document 95A.1928/05, Issue 2, dated May 11, 2007 (approved by the European Aviation Safety Agency (EASA) on July 6, 2007), Section 1, “Maintenance/Inspection Tasks.” For all tasks identified in Section 1 of Document 95A.1928/05, the initial compliance times start from the later of the times specified in paragraphs (f)(1) and (f)(2) of this AD, and the repetitive inspections must be accomplished thereafter at the intervals specified in Section 1 of Document 95A.1928/05, except as provided by paragraph (g) of this AD.

(1) The effective date of this AD.

(2) The date of issuance of the original French standard airworthiness certificate or the date of issuance of the original French export certificate of airworthiness.

Note 2: Airbus Operator Information Telex SE 999.0079/07, Revision 01, dated August 14, 2007, identifies the applicable sections of the Airbus A300 airplane maintenance manual necessary for accomplishing the tasks specified in Section 1 of Document 95A.1928/05.

Initial Compliance Time for Task 28–18–00–03–1

(g) For Task 28–18–00–03–1 identified in Section 1 of Document 95A.1928/05, “Maintenance/Inspection Tasks,” of Airbus A300 Fuel Airworthiness Limitations, Document 95A.1928/05, Issue 2, dated May 11, 2007 (approved by the EASA on July 6, 2007): The initial compliance time is the later of the times specified in paragraphs (g)(1) and (g)(2) of this AD. Thereafter, Task 28–18–00–03–1 must be accomplished at the repetitive interval specified in Section 1 of Document 95A.1928/05.

(1) Prior to the accumulation of 40,000 total flight hours.

(2) Within 72 months or 20,000 flight hours after the effective date of this AD, whichever occurs first.

Revise ALS To Incorporate CDCCLs

(h) Within 12 months after the effective date of this AD, revise the ALS of the Instructions for Continued Airworthiness to incorporate Airbus A300 Fuel Airworthiness Limitations, Document 95A.1928/05, Issue 2, dated May 11, 2007 (approved by the EASA on July 6, 2007), Section 2, “Critical Design Configuration Control Limitations.”

No Alternative Inspections, Inspection Intervals, or CDCCLs

(i) Except as provided by paragraph (j) of this AD: After accomplishing the actions specified in paragraphs (f) and (h) of this AD, no alternative inspections, inspection intervals, or CDCCLs may be used.

Alternative Methods of Compliance (AMOCs)

(j)(1) The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, has the authority to approve AMOCs for this AD, if requested in accordance with the procedures found in 14 CFR 39.19.

(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

Related Information

(k) EASA airworthiness directive 2007–0094 R1, dated May 2, 2007, also addresses the subject of this AD.

Material Incorporated by Reference

(l) You must use Airbus A300 Fuel Airworthiness Limitations, Document 95A.1928/05, Issue 2, dated May 11, 2007, to perform the actions that are required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference of this document in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact Airbus, 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France, for a copy of this service information. You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on October 15, 2007.

Ali Bahrami,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

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