

(6) Each lithium ion battery installation must have provisions to prevent any hazardous effect on structure or essential systems caused by the maximum amount of heat the battery can generate during a short circuit of the battery or of its individual cells.

(7) Lithium ion battery installations must have a system to control the charging rate of the battery automatically, so as to prevent battery overheating or overcharging, and,

(i) A battery temperature sensing and over-temperature warning system with a means for automatically disconnecting the battery from its charging source in the event of an over-temperature condition, or,

(ii) A battery failure sensing and warning system with a means for automatically disconnecting the battery from its charging source in the event of battery failure.

(8) Any lithium ion battery installation whose function is required for safe operation of the airplane must incorporate a monitoring and warning feature that will provide an indication to the appropriate flight crewmembers whenever the state-of-charge of the batteries has fallen below levels considered acceptable for dispatch of the airplane.

(9) The Instructions for Continued Airworthiness required by 14 CFR 25.1529 must contain maintenance requirements for measurements of battery capacity at appropriate intervals to ensure that batteries whose function is required for safe operation of the airplane will perform their intended function as long as the battery is installed in the airplane. The Instructions for Continued Airworthiness must also contain procedures for the maintenance of lithium ion batteries in spares storage to prevent the replacement of batteries whose function is required for safe operation of the airplane with batteries that have experienced degraded charge retention ability or other damage due to prolonged storage at a low state of charge.

Note: These special conditions are not intended to replace 14 CFR 25.1353(c) in the certification basis of the Boeing 787-8 airplane. These special conditions apply only to lithium ion batteries and their installations. The requirements of 14 CFR 25.1353(c) remain in effect for batteries and battery installations of the Boeing 787-8 airplane that do not use lithium ion batteries.

Issued in Renton, Washington, on April 23, 2007.

Stephen P. Boyd,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E7-8186 Filed 4-27-07; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2007-28036; Directorate Identifier 2006-NM-278-AD]

RIN 2120-AA64

Airworthiness Directives; Airbus Model A330 and A340 Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above. This proposed AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as failure of an evacuation slide raft to inflate, which could delay the evacuation of passengers in case of an emergency. The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by May 30, 2007.

ADDRESSES: You may send comments by any of the following methods:

- *DOT Docket Web Site:* Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.
- *Fax:* (202) 493-2251.
- *Mail:* Docket Management Facility, U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.
- *Hand Delivery:* Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.
- *Federal Rulemaking Portal:* <http://www.regulations.gov>. Follow the instructions for submitting comments.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://dms.dot.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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone (800) 647-

5227) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT: Tim Backman, Aerospace Engineer, ANM-116, International Branch, Transport Airplane Directorate, FAA, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-2797; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Streamlined Issuance of AD

The FAA is implementing a new process for streamlining the issuance of ADs related to MCAI. This streamlined process will allow us to adopt MCAI safety requirements in a more efficient manner and will reduce safety risks to the public. This process continues to follow all FAA AD issuance processes to meet legal, economic, Administrative Procedure Act, and **Federal Register** requirements. We also continue to meet our technical decision-making responsibilities to identify and correct unsafe conditions on U.S.-certificated products.

This proposed AD references the MCAI and related service information that we considered in forming the engineering basis to correct the unsafe condition. The proposed AD contains text copied from the MCAI and for this reason might not follow our plain language principles.

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include "Docket No. FAA-2007-28036; Directorate Identifier 2006-NM-278-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2006-0354, dated November 28, 2006 (referred to after this as "the MCAI"), to correct an

unsafe condition for the specified products. The MCAI states that several operators have reported non-automatic deployment of slide rafts during ground operational testing. In all cases, the slide raft released correctly from the door but did not inflate automatically. Pulling the manual backup handle correctly inflated the slide raft. Investigation conducted by the slide raft manufacturer showed that non-automatic deployments have two potential root causes:

- Non-opening of the lacing; and
- Stiffness and stiction (static friction) on the painted inflatable material.

This situation, if not corrected, could delay the evacuation of passengers in case of an emergency.

A new design solution has been developed to ensure the automatic slide raft deployment, which consists of:

- Continuous “speed lacing” cord and new soft covers with rounded grommets (this modification ensures that the lacing opens);
- A new shorter firing cable, a new anchor block for the slide raft packboard and a new folding procedure (this modification ensures automatic deployment regardless of the inflatable paint condition).

Both modifications together ensure the automatic deployment function. The MCAI requires accomplishment of the set of modifications. You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

Airbus has issued Service Bulletins A330–25–3173, A340–25–4191, and A340–25–5004, all Revision 01, all dated August 2, 2006; and Service Bulletins A330–25–3301, A340–25–4273, and A340–25–5110, all dated March 24, 2006. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA’s Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, they have notified us of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all information provided by the State of Design Authority and determined the unsafe condition exists and is likely to

exist or develop on other products of the same type design.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have proposed different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are described in a separate paragraph of the proposed AD. These requirements, if ultimately adopted, will take precedence over the actions copied from the MCAI.

Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 28 products of U.S. registry. We also estimate that it would take about 66 work-hours per product to comply with this proposed AD. The average labor rate is \$80 per work-hour. Required parts would cost about \$3,860 per product. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$255,920, or \$9,140 per product.

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 determined that this proposed AD would not have federalism implications

under Executive Order 13132. This proposed AD would 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 this proposed regulation:

1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under the 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 proposed AD and placed it in the AD docket.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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 FAA amends § 39.13 by adding the following new AD:

Airbus: Docket No. FAA–2007–28036; Directorate Identifier 2006–NM–278–AD.

Comments Due Date

- (a) We must receive comments by May 30, 2007.

Affected ADs

- (b) The requirements of this AD relate to those specified in AD 2006–04–03, amendment 39–14484.

Applicability

- (c) This AD applies to Airbus Model A330 and A340 airplanes, certificated in any category; except those with the European Aviation Safety Agency (EASA) specified modifications installed in production, or the equivalent service bulletins installed in service (as specified in Tables 1 and 2 of this AD), provided no slide has been replaced since either airplane delivery or service bulletin installation, as applicable.

TABLE 1.—EXCEPTIONS TO APPLICABILITY

Airplane model	Configuration	Airbus modifications installed in production
A330, A340–200, –300	With Modification 40161 (optional Type A door 3).	50806, 50807, 55071, and 55072.
A330, A340–200, –300	Without Modification 40161 (Type 1 door 3) ...	50806 and 55071.
A340–500	Either 50806, 50807, and 55071, or 50806 and 55071.
A340–600	50806, 50808, 55071, and 55073.

TABLE 2.—EXCEPTIONS TO APPLICABILITY

Airplane model	Airbus Service Bulletins installed in service
A330	A330–25–3173, Revision 01, dated August 2, 2006; and A330–25–3301, dated March 24, 2006.
A340–200, –300	A340–25–4191, Revision 01, dated August 2, 2006; and A340–25–4273, dated March 24, 2006.
A340–500, –600	A340–25–5004, Revision 01, dated August 2, 2006; and A340–25–5110, dated March 24, 2006.

Reason

(d) The mandatory continuing airworthiness information (MCAI) states that several operators have reported non-automatic deployment of slide rafts during ground operational testing. In all cases, the slide raft released correctly from the door but did not inflate automatically. Pulling the manual backup handle correctly inflated the slide raft. Investigation conducted by the slide raft manufacturer showed that non-automatic deployments have two potential root causes: Non-opening of the lacing; and stiffness and stiction (static friction) on the painted inflatable material. This situation, if not corrected, could delay the evacuation of passengers in case of an emergency. A new design solution has been developed to ensure the automatic slide raft deployment, which consists of: continuous “speed lacing” cord and new soft covers with rounded grommets (this modification ensures that the lacing opens); and a new shorter firing cable, a new anchor block for the slide raft packboard and a new folding procedure (this modification ensures automatic deployment regardless of the inflatable paint condition). Both modifications together ensure the automatic deployment function. The MCAI requires accomplishment of the set of modifications.

Actions and Compliance

(e) Unless already done, do the following actions.
 (1) For slide raft P/Ns 7A1508–003/–005/–007/–023/–025/–027/–029/–115; P/Ns 7A1539–003/–004/–005/–006/–007/–008/–023/–024/–025/–026/–027/–028/–029/–030/–115/–116; P/Ns 7A1510–003/–004/–005/–006/–007/–008/–023/–024/–025/–026/–027/–028/–029/–030/–115/–116; and P/Ns 4A3934–1/–2/–001/–002; No later than 36 months after the effective date of this AD, modify the slide raft in accordance with the instructions given in Airbus Service Bulletin A330–25–3173, A340–25–4191, or A340–25–5004, all Revision 01, all dated August 2, 2006; as applicable; and modify the slide raft assembly of each door in accordance with the instructions given in Airbus Service Bulletin A330–25–3301, A340–25–4273, or A340–25–5110, all dated March 24, 2006; as applicable.
 (2) For slide raft P/Ns 7A1508–033/–035/–037/–119/–121; P/Ns 7A1539–033/–034/

–035/–036/–037/–038/–119/–120/–121/–122; P/Ns 7A1510–033/–034/–035/–036/–037/–038/–119/–120/–121/–122; and P/Ns 4A3934–5/–6/–7/–8; No later than 36 months after the effective date of this AD, modify the slide raft assembly of each door in accordance with the instructions given in Airbus Service Bulletin A330–25–3301, A340–25–4273, or A340–25–5110, all dated March 24, 2006; as applicable.

FAA AD Differences

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

Other FAA AD Provisions

(f) The following provisions also apply to this AD:
 (1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA, ATTN: Tim Backman, Aerospace Engineer, 1601 Lind Avenue, SW., Renton, Washington 98057–3356, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Before using any AMOC approved in accordance with § 39.19 on any airplane to which the AMOC applies, notify the appropriate principal inspector in the FAA Flight Standards Certificate Holding District Office.
 (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

(g) Refer to MCAI EASA Airworthiness Directive 2006–0354, dated November 28, 2006; and the Airbus Service Bulletins

specified in Table 3 of this AD for related information.

TABLE 3.—AIRBUS SERVICE BULLETINS

Service Bulletin	Revision level	Date
A330–25–3173	01	August 2, 2006.
A340–25–4191	01	August 2, 2006.
A340–25–5004	01	August 2, 2006.
A330–25–3301	Original	March 24, 2006.
A340–25–4273	Original	March 24, 2006.
A340–25–5110	Original	March 24, 2006.

Issued in Renton, Washington, on April 23, 2007.

Stephen P. Boyd,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
 [FR Doc. E7–8172 Filed 4–27–07; 8:45 am]

BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA–2007–28035; Directorate Identifier 2006–NM–293–AD]

RIN 2120–AA64

Airworthiness Directives; Boeing Model 767 Airplanes

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

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to adopt a new airworthiness directive (AD) for certain Boeing Model 767 airplanes. This proposed AD would require sealing certain fasteners and stiffeners in the fuel tank, and changing certain wire bundle clamp configurations on the fuel