

## APPENDIX 1.—IMPLEMENTING FUEL TANK SYSTEM AIRWORTHINESS LIMITATIONS ON MODEL 727, 727C, 727-100, 727-100C, 727-200, 727-200F SERIES AIRPLANES

AWL No.	ALI/CDCCL	ATA section or CMM document	Task title
28-AWL-01	ALI	AMM 28-11-00/601	External Wires Over the Tank No. 2 Inspection.
28-AWL-02	CDCCL	SWPM 20-10-11	Wiring Assembly and Installation Configuration.
28-AWL-03	CDCCL	SWPM 20-10-11	Wiring Assembly and Installation Configuration.
28-AWL-04	CDCCL	CMM 28-41-01, Revision 12; CMM 28-41-02, Revision 5; CMM 28-41-03, Revision 3; CMM 28-41-06, Revision 8; CMM 28-41-07, Revision 17; CMM 28-41-08, Revision 9; CMM 28-41-09, Revision 8; CMM 28-41-23, Revision 10; or subsequent revisions.	
28-AWL-05	CDCCL	CMM 28-40-03, Revision 5; CMM 28-41-06, Revision 8; or subsequent revisions.	
28-AWL-06	CDCCL	SWPM 20-14-12	Repair of Fuel Quantity Indicator System (FQIS) Wire Harness.
28-AWL-07	CDCCL	AMM 28-41-21/401 AMM 29-11-53/401 AMM 29-12-61/401	Remove/Install Fuel Tank Bulkhead (Spar) Receptacle Wire Harness. Install System A Hydraulic Fluid Heat Exchanger. Install System B Hydraulic Fluid Heat Exchanger.
28-AWL-08	CDCCL		
28-AWL-09	CDCCL	CMM 28-20-1, Revision 7; CMM 28-20-5, Revision 6; CMM 28-20-06, Revision 6; or subsequent revisions.	
28-AWL-10	CDCCL	AMM 28-22-21/401	Install Fuel Boost Pump.
28-AWL-11	CDCCL	AMM 28-21-93/401 AMM 28-21-93/401	Remove the Auxiliary Tank Fueling Float Switch. Install the Auxiliary Tank Fueling Float Switch.
28-AWL-12	CDCCL	AMM 28-11-21/401	Removal/Installation Cast Fuel Tank Access Panels.
28-AWL-13	CDCCL	AMM 28-11-21/401 AMM 28-13-11/401	Removal/Installation Machined Fuel Tank Access Panels. Install the Relief Valve.
28-AWL-14	CDCCL	AMM 28-22-21/601	Fuel Boost Pump—Inspection/Check.
28-AWL-15	CDCCL	AMM 28-22-00/101	Engine Fuel Feed System—Trouble Shooting.

Issued in Renton, Washington, on June 22, 2007.

Ali Bahrami,

Manager, Transport Airplane Directorate,  
Aircraft Certification Service.

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2007-28436; Directorate Identifier 2007-CE-055-AD]

RIN 2120-AA64

#### Airworthiness Directives; Pacific Aerospace Limited Model 750XL 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) originated 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:

To prevent cracks developing in the aileron spar adjacent to the inboard hinge attachment \* \* \*

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 August 6, 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:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

- *Hand Delivery:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- *Federal eRulemaking Portal:* Go to <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) 647-5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090.

#### **SUPPLEMENTARY INFORMATION:**

##### **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-2007-28436; Directorate Identifier 2007-CE-055-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 Civil Aviation Authority of New Zealand, which is the aviation authority for New Zealand, has issued DCA/750XL/13, effective date April, 26, 2007 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

To prevent cracks developing in the aileron spar adjacent to the inboard hinge attachment accomplish the following:

Remove both ailerons, inspect and modify the aileron spar at the inboard hinge attachment point in accordance with Pacific Aerospace Ltd Service Bulletin PACSB/XL/027.

You may obtain further information by examining the MCAI in the AD docket.

##### **Relevant Service Information**

Pacific Aerospace Limited has issued Mandatory Service Bulletin PACSB/XL/027, dated March 27, 2007. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

#### **FAA's Determination and Requirements of the 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 this 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 and determined the unsafe condition exists and is likely to exist or develop on other products of the same type design.

#### **Differences Between This Proposed 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 highlighted in a NOTE within the proposed AD.

#### **Costs of Compliance**

Based on the service information, we estimate that this proposed AD would affect about 7 products of U.S. registry. We also estimate that it would take about 6 work-hours per product to comply with the basic requirements of this proposed AD. The average labor rate is \$80 per work-hour. Required parts would cost about \$864 per product. Where the service information lists required parts costs that are covered under warranty, we have assumed that there will be no charge for these costs. As we do not control warranty coverage for affected parties, some parties may incur costs higher than estimated here.

Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be \$9,408, or \$1,344 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:

**Pacific Aerospace Limited:** Docket No. FAA-2007-28436; Directorate Identifier 2007-CE-055-AD.

**Comments Due Date**

(a) We must receive comments by August 6, 2007.

**Affected ADs**

(b) None.

**Applicability**

(c) This AD applies to 750XL airplanes, serial numbers 101, 102, 104 through 120, and 122 through 129, certificated in any category.

**Subject**

(d) Air Transport Association of America (ATA) Code 27: Flight Controls.

**Reason**

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

To prevent cracks developing in the aileron spar adjacent to the inboard hinge attachment accomplish the following:

Remove both ailerons, inspect and modify the aileron spar at the inboard hinge attachment point in accordance with Pacific Aerospace Ltd Service Bulletin PACSB/XL/027.

**Actions and Compliance**

(f) Unless already done, within the next 6 months after the effective date of this AD or 150 hours time-in-service (TIS) after the effective date of this AD, whichever occurs first, rework the left and right ailerons in accordance with Pacific Aerospace Ltd drawing number 11-03141/42, drawn March 26, 2007, as specified in Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/027, dated March 27, 2007.

**FAA AD Differences**

**Note:** 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, Standards Staff, 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: Karl Schletzbaum, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4146; fax: (816) 329-4090. 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

(44 U.S.C. 3501 et seq.), 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 MCAI Civil Aviation Authority of New Zealand AD DCA/750XL/13, effective date April 26, 2007; Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/027, dated March 27, 2007; and Pacific Aerospace Ltd drawing number 11-03141/42, drawn March 26, 2007, for related information.

Issued in Kansas City, Missouri, on June 29, 2007.

**Kim Smith,**

*Manager, Small Airplane Directorate, Aircraft Certification Service.*

[FR Doc. E7-13092 Filed 7-5-07; 8:45 am]

**BILLING CODE 4910-13-P**

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

**[Docket No. FAA-2007-28383; Directorate Identifier 2006-NM-180-AD]**

**RIN 2120-AA64**

**Airworthiness Directives; Boeing Model 737-100, -200, -200C, -300, -400, and -500 Series 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 all Boeing Model 737-100, -200, -200C, -300, -400, and -500 series airplanes. This proposed AD would require revising the FAA-approved maintenance program to incorporate new airworthiness limitations (AWLs) for fuel tank systems to satisfy Special Federal Aviation Regulation No. 88 requirements. This proposed AD would also require the initial inspection of a certain repetitive AWL inspection to phase in that inspection, and repair if necessary. This proposed AD results from a design review of the fuel tank systems. We are proposing this AD to prevent the potential for ignition sources inside fuel tanks caused by latent failures, alterations, repairs, or maintenance actions, which, in combination with flammable fuel vapors, could result in a fuel tank explosion and consequent loss of the airplane.

**DATES:** We must receive comments on this proposed AD by August 20, 2007.

**ADDRESSES:** Use one of the following addresses to submit comments on this proposed AD.

- *DOT Docket Web site:* Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

- *Government-wide rulemaking Web site:* Go to <http://www.regulations.gov> and follow the instructions for sending your comments electronically.

- *Mail:* U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

- *Fax:* (202) 493-2251.

- *Hand Delivery:* Room W12-140 on the ground floor of the West Building, 1200 New Jersey Avenue, SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Contact Boeing Commercial Airplanes, P.O. Box 3707, Seattle, Washington 98124-2207, for the service information identified in this proposed AD.

**FOR FURTHER INFORMATION CONTACT:**

Kathrine Rask, Aerospace Engineer, Propulsion Branch, ANM-140S, FAA, Seattle Aircraft Certification Office, 1601 Lind Ave., SW., Renton, Washington 98057-3356; telephone (425) 917-6505; fax (425) 917-6590.

**SUPPLEMENTARY INFORMATION:****Comments Invited**

We invite you to submit any relevant written data, views, or arguments regarding this proposed AD. Send your comments to an address listed in the **ADDRESSES** section. Include the docket number "FAA-2007-28383; Directorate Identifier 2006-NM-180-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the proposed AD. We will consider all comments received by the closing date and may amend the proposed AD in light 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 with FAA personnel concerning this proposed AD. Using the search function of that web site, anyone can find and read the comments in any of our dockets, including the name of the individual who sent the comment (or signed the comment on behalf of an association, business, labor union, etc.). You may review DOT's complete Privacy Act