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**DCA/750XL/11 Rudder Trim Tab Pivot – Inspection and Modification**

**Applicability:** Model PAC 750XL aircraft not embodied with modification PAC/XL/0267

**Requirement:** To prevent the rudder trim tab upper pivot hole in the rudder rib flogging out, which may lead to aerodynamic flutter and possible loss of aircraft control accomplish the following:

1. Inspect the rudder trim tab upper pivot per the instructions in Pacific Aerospace Limited Mandatory Service Bulletin PACSB/XL/023.

If there is any lateral movement of the bush embody modification PAC/XL/0267, per PACSB/XL/023 and PAC Drawing No.11-03131.

**Note:** Modification PAC/XL/0267 comprises removing the upper bush P/N 11-33119-1 and installing upper bearing P/N 11-33121-1 per PAC Drawing No. 11-03131. This modification is a terminating action to the requirements of this AD.

2. Modify the rudder trim tab upper pivot per PACSB/XL/023 and PAC Drawing No.11-03131.

**Compliance:** 1. Inspect within the next 150 hours TIS, and thereafter at intervals not to exceed 150 hours TIS.

2. Modify within 450 hours TIS, or 24 months, whichever occurs sooner.

**Effective Date:** 29 March 2007



Aircraft Certification Service  
Federal Aviation Administration

## FAA MCAI INFORMATION FORM

**To: Airworthiness Authority of USA (FAA)**

**In support of the FAA's actions to address your country's Mandatory Continued Airworthiness Information (MCAI) in the United States, please provide the items highlighted below by \_\_\_\_\_, if not contained in the referenced Airworthiness Directive (AD) or service information.**

Aircraft Manufacturer/Model	ECAA AD/Revision No./Date	Service Bulletin/Revision No./Date
PAC 750XL	DCA/750XL/11	PACSB/XL/023

**1. Describe the unsafe condition, AND its root cause. Include description of how the problem could affect the safe operation of the airplane.**

Rudder trim tab upper pivot hole in the rudder rib flogging out. Replace the trim tab upper pivot bush with a bearing.

**2. Provide the number and description of occurrences that prompted the AD.**

**Number of Occurrences:**TBA

**Description:** Refer description in PACSB/XL/023

**3. How was the compliance time (s) established?**

Inspection to be accomplished at the next maintenance check and the modification within 24 months.

**4. Cost of parts and/or installation work hours for the owner/operator (data from the manufacturer and their supplier, if applicable):**

**Costs:**TBA

**Work hours:**TBA

**5. If parts are required, are they available for all aircraft?**

Yes     No     Not applicable    Availability/Lead Time:Standard A/C hardware

**6. What category best describes the cause of the unsafe condition?**

Design Problem     Quality Control Problem     Operational  
 Maintenance     Unapproved Parts     Other (Specify)

**7. Should a ferry flight be permitted?**

Yes     No

**8. Number of aircraft affected, by serial number (S/N) (U.S. Registered and Worldwide):**

ALL, or S/N: All aircraft not fitted with modification PAC/XL/023

U.S. Registered

Worldwide (including) U.S. Registered 20

**9. If this is interim action, is terminating action available? If so, please provide description and recommended compliance time. Embodiment of Modification PAC/XL/0267 and drawing no. 11-03131 is a terminating action.**

**10. Other:** Refer DCA/750XL/11 and PACSB/XL/023

**Date:** 27 March 2007



## **PACIFIC AEROSPACE LIMITED**

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PACSB / XL / 023

### **INSPECTION OF RUDDER TRIM TAB UPPER PIVOT BUSH**

#### **1. PLANNING INFORMATION**

- |    |                    |  |
|----|--------------------|--|
| A. | EFFECTIVITY        | PAC 750XL aircraft not fitted with modification PAC/XL/0267  |
| B. | REASON             | To eliminate the possibility of damage to the Rudder Trim Tab Upper Pivot.   |
| C. | DESCRIPTION        | Inspect the Rudder Trim Tab to ensure the upper pivot hole in the rudder rib is not flogging out. If any sign of lateral movement of the bush is found in its mounting hole, the bush is to be replaced in accordance with mod PAC/XL/0267 |
| D. | COMPLIANCE         | At every 150 hour inspection.  |
| E. | APPROVAL           | By the delegated authority.  |
| F. | TOOLING            | No special tools are required.   |
| G. | WEIGHT AND BALANCE | Not affected.  |
| H. | REFERENCE          | PAC 750XL Maintenance Manual, Drawing 11-03131.  |

**2. ACCOMPLISHMENT INSTRUCTIONS**

A. Inspection:

During the 150 hour rudder inspection, inspect the trim tab upper pivot and ensure there is no lateral movement of the bush in the hole thru the rib.

If there is any evidence of flogging of the hole thru the rib, the bush is to be replaced as indicated below.

B. Bush Replacement:

Embody mod PAC/XL/0267.

This mod comprises removing the upper bush part number 11-33119-1 and installing upper bearing part number 11-33121-1 in accordance with drawing 11-03131.

**3. CERTIFICATION**

Record compliance with this Bulletin and Modification PAC/XL/0267 in the Airframe Log Book.

**4. MATERIAL REQUIRED**

Upper Bearing – part number 11-33121-1  
Pop rivet – TLPK 424 BS (3 reqd)