
Issued by the Civil Aviation Authority of New Zealand in accordance with section 72I(3A) of the Civil Aviation Act. An Airworthiness Directive (AD) contains regulatory information which is mandatory. An operator of an aircraft must not operate the aircraft unless the operator complies with every applicable AD issued by the Director in accordance with section 72I(3A) of the Civil Aviation Act. An AD is issued where the Director believes on reasonable grounds that an unsafe condition exists in an aircraft or aeronautical product.

DCA/750XL/28 **Elevator Bellcrank Pivot - Inspection**

Applicability: Pacific Aerospace 750XL aircraft, all S/N up to and including 215.

Note: It is possible that the elevator bellcrank pivot joint could be assembled with a bolt P/N AN4-20 that is a little too short, leaving threads inside the working area of the joint.

Requirement: Inspect the elevator bellcrank pivot joint to determine the length of the bolt installed, per the instructions in Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/097 issue 1, dated 12 March 2018, or later approved revision.

If bolt P/N AN4-21 (2.156 inches) is found installed, then no further AD action is required.

If bolt P/N AN4-20 (2.031 inches) is found installed, then accomplish the corrective actions per MSB PACSB/XL/097, before further flight.

Compliance: At the next scheduled maintenance inspection, or by 22 April 2018, whichever is the later.

Effective Date: 22 March 2018

Background: DCA/750XL/28 with effective date 22 March 2018 mandates the instructions in Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/097 issue 1, dated 12 March 2018.

The AD is prompted by the possibility that the elevator bellcrank pivot joint could be assembled with a bolt P/N AN4-20 that is a little too short leaving threads inside the working area of the joint. This can be determined by measuring the length of the bolt. If a bolt P/N AN4-20 (2.031 inches) is found installed, then the bolt must be replaced with a longer bolt P/N AN4-21 bolt (2.156 inches).