

Airworthiness Directive

Pacific Aerospace 750XL Aircraft



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/18	Fin Forward Pickup – Inspection
Applicability:	Model PAL 750XL aircraft, S/N all through to 193, 195 and 197.
Note:	This AD supersedes DCA/750XL/16A to introduce the requirements in Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068 issue 5, dated 29 June 2015. The revised MSB introduces a life limit for fin forward pickup P/N 11-10281-1 and reduces the torque setting for the fin forward pickup bolt to alleviate some of the loads applied to the pickup. The MSB also introduces a new improved replacement fin forward pickup P/N 11-03375-1 which is not life limited.
Requirement:	<p>To prevent failure of the fin forward pickup due to possible fatigue cracks, accomplish the following requirements per the instructions in Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068 issue 5, dated 29 June 2015:</p> <ol style="list-style-type: none">1. Reduce the fin forward pickup bolt torque per the instructions in PACSB/XL/068 issue 5. If the fin has been removed, then remove the two rudder trim driveshaft grub screws and apply Loctite 222 thread locking compound and refit the grub screws per the instructions in PACSB/XL/068 issue 5.2. <u>Visual and Dye Penetrant Inspections:</u> Accomplish the inspection requirements in paragraphs 2.A and 2.B of PACSB/XL/068 issue 4. If any cracks are found, accomplish the instructions in paragraphs 2.C of PACSB/XL/068 issue 5, before further flight.3. <u>Fin forward pickup replacement:</u> Remove fin forward pickup P/N 11-10281-1 and replace with P/N 11-03375-1 per the instructions in paragraphs 2.C or 2.D of PACSB/XL/068 issue 5. (PACSB/XL/068, occurrences 12/4698, 12/4699 and 14/1898 refer)
Compliance:	<ol style="list-style-type: none">1. <u>For all aircraft affected by this AD:</u> At the next 150 hour scheduled maintenance inspection.2. <u>For standard category aircraft:</u> At 2000 hours TTIS or the next 150 hour scheduled maintenance inspection, whichever is the later, unless previously accomplished, and thereafter at intervals not to exceed 600 hours TIS or annual inspection, whichever occurs sooner. <u>For restricted category aircraft:</u> At 1000 hours TTIS or the next 150 hour scheduled maintenance inspection, whichever is the later, unless previously accomplished, and thereafter at intervals not to exceed 600 hours TIS or annual inspection, whichever occurs sooner.3. <u>For standard category aircraft:</u> At 6000 hours TTIS or within the next 600 hours TIS, whichever occurs later. <u>For restricted category aircraft:</u> At 2000 hours TTIS or within the next 200 hours TIS, whichever occurs later.
Effective Date:	30 July 2015
Background:	This AD with effective date 30 July 2015 supersedes DCA/750XL/16A to introduce the requirements in Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068 issue 5, dated 29 June 2015. The revised MSB introduces a life limit for fin forward pickup P/N 11-10281-1 and reduces the torque setting for the fin forward pickup bolt to alleviate some of the loads applied to the pickup. The MSB also introduces a new improved replacement fin forward pickup P/N 11-03375-1 which is not life limited.

A handwritten signature in black ink, appearing to read 'Owen Olls'.

Owen Olls
Airworthiness Specialist
Delegate of the Civil Aviation Authority of New Zealand
30 July 2015

Referenced Publications:

Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068

Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068, issue 4

Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/068, issue 5