

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/32B NLG and MLG Attachment Bolts – Inspection

**Applicability:** Pacific Aerospace Limited 750XL aircraft, all S/N up to and including 216, 220, 8001 and 8002.

**Note 1:** DCA/750XL/32B revised to mandate Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/105 issue 4, dated 19 December 2018. This MSB introduces alternate bolts for P/N NAS6606D63 and NAS6606D68. Compliance with requirements 2 and 3 of DCA/750XL/32A prior to the issue of this revised AD is a terminating action to the AD requirements.

**Requirement:** To ensure that the NLG and MLG attachment bolts have dual retaining devices, accomplish the following:

1. For S/N up to and including 216, 220, 8001 and 8002:

Inspect the nose landing gear lower bolts and clamp for security in accordance with the instructions in Part A of Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/105 issue 4, dated 19 December 2018, or later approved revision and accomplish corrective actions as required, before further flight.

2. For S/N up to and including 216, 220, 8001 and 8002:

Replace the nose landing gear attachment lock nuts and pal nuts with castellated nyloc locking nuts and spit pins in accordance with the instructions in Part B of Pacific Aerospace MSB PACSB/XL/105.

3. For short range wing aircraft with S/N up to and including 185 (excluding S/N 177):

For aircraft fitted with 3/8 inch main landing gear attachment bolts, inspect and install Palnuts in accordance with the instructions in Part C of Pacific Aerospace MSB PACSB/XL/105.

For aircraft fitted with 7/16 inch main landing gear attachment bolts (i.e. aircraft embodied with PAL modifications PAC/XL/0451, 0509 and 0663), inspect and install Palnuts in accordance with the instructions in Part C of Pacific Aerospace MSB PACSB/XL/105.

**Note 2:** Requirement 1 of this AD may be accomplished by adding the nose landing gear inspection requirement to the tech log. The visual inspection may be performed and certified under the provision in Part 43 Appendix A.1 (7) by the holder of a current pilot licence, if that person is rated on the aircraft, appropriately trained and authorised (Part 43, Subpart B refers), and the maintenance is recorded and certified as required by Part 43.

**Note 3:** Requirement 3 of this AD is not applicable to extended range wing aircraft, which were fitted with palnuts on the main landing gear attachment bolts at manufacture.

**Compliance:**

1. At every daily inspection, until requirement 2 of this AD is accomplished.
2. Within the next 165 hours TIS from 20 December 2018 (the effective date of DCA/750XL/32A).
3. Within the next 165 hours TIS from 20 December 2018 (the effective date of DCA/750XL/32A).

**Effective Date:** DCA/750XL/32 - 26 July 2018  
DCA/750XL/32A - 20 December 2018  
DCA/750XL/32B - 7 February 2019

**Background:** DCA/750XL/32B is prompted by several reports of finding loose nose landing gear attachment lock nuts and pal nuts. This AD revised to mandate Pacific Aerospace Mandatory Service Bulletin (MSB) PACSB/XL/105 issue 4, dated 19 December 2018, which introduces alternate bolts for P/N NAS6606D63 and NAS6606D68.