
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/3A Wiring Loom Protective Sleeve – Inspection and Installation

Applicability: Model 750 XL aircraft, S/N 102 through to 134.

Note: AD applicability revised to include aircraft up to S/N 134. Aircraft in compliance with DCA/750XL/3 are not affected by this AD.

Requirement: To prevent fretting damage to the wiring loom that may lead to arcing in proximity to the fuel vent lines and the possibility of fire, inspect the main wiring loom on the right hand side of the aircraft adjacent to the frames at station 114.34" and 118.84", per PACSB/XL/009 issue 2, to ensure there are two pieces of protective sleeving installed.

If the sleeves are present and undamaged, no further action is required.

If the protective sleeves are missing, install protective sleeves per PACSB/XL/009, before further flight.

(Pacific Aerospace Limited SB No. PACSB/XL/009 refers)

Compliance: 1. & 2. Within the next 100 hours TIS.

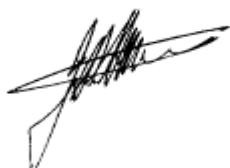
Effective Date: DCA/750XL/3 - 30 September 2004

DCA/750XL/3A - 29 November 2007

Background: DCA/750XL/3A is prompted by a report from the manufacturer of the possibility that wiring loom protective sleeving is not fitted to aircraft S/N 107 through to 134. AD applicability revised to include aircraft up to S/N 134.

DCA/750XL/3 - 30 September 2004

To prevent fretting damage to the wiring loom that may lead to arcing in proximity to the fuel vent lines and the possibility of fire, inspect the main wiring loom on the right hand side of the aircraft adjacent to the frames at station 114.34" and 118.84", per PACSB/XL/009 issue 2, to ensure that two pieces of protective sleeving are fitted.



*Jack Stanton
Team Leader Continuing Airworthiness
Delegate of the Civil Aviation Authority of New Zealand*

28 November 2007



MANDATORY SERVICE

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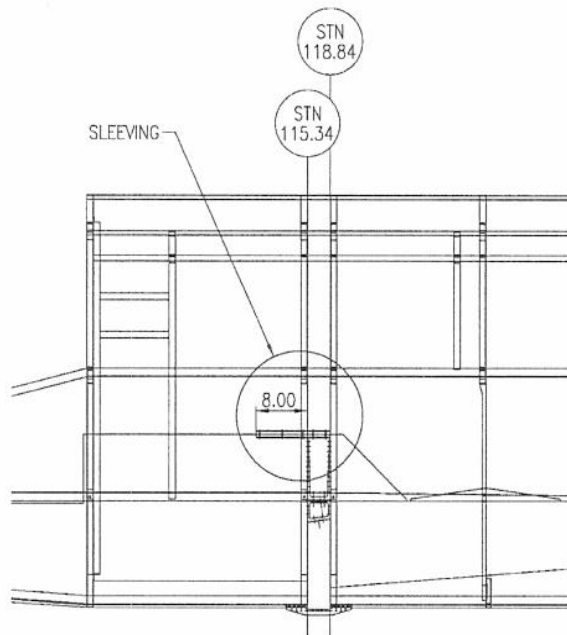
INSPECTION – WIRING LOOM PROTECTIVE SLEEVE

1. PLANNING INFORMATION

- | | | |
|----|--------------------|---|
| A. | EFFECTIVITY | PAC 750XL aircraft s/nos 102 to 106. |
| B. | REASON | Possible omission of sleeving during assembly may leave the loom subject to fraying in long term operation. |
| C. | DESCRIPTION | Two pieces of protective sleeving should be present, wrapped around the main loom on the RHS of the aircraft adjacent to the frames at stations 115.34" and 118.84". This inspection is to determine that the sleeving is actually present. |
| D. | COMPLIANCE | At next 150 hour inspection |
| E. | APPROVAL | By the delegated authority. |
| F. | TOOLING | No special tools are required. |
| G. | WEIGHT AND BALANCE | Not affected. |
| G. | REFERENCE | PAC 750XL Maintenance Manual
AC43.13, Ch.11, 'Avionics Installation' |

2. ACCOMPLISHMENT INSTRUCTIONS

1. Remove the interior lining on the RHS of the fuselage above the wing spar. (Refer MM Ch 25, 25-10-00, page 401.)
2. Examine the loom as it passes the fuel vent lines adjacent to stations 115.34" and 118.84". There should be clearly visible, dark green or clear plastic sleeve wire-tied around the loom at these points. Refer illustration.



1. If sleeving is present, the longer sleeve will extend 8" forward of station 115.34", and the shorter (3.5") sleeve should fill the gap between the frames. If all is correct, reinstall the linings.
2. If missing, order part number SLE2-1-080S (8") and/or SLE2-1-035S sleeves from PAC spares. To install, position as indicated on the drawing excerpt, wrap around the loom and position as illustrated above. Wire-tie the sleeves as illustrated.

3. CERTIFICATION

Record compliance with this Bulletin in the Airframe Log Book,

4. **MATERIAL REQUIRED**

Sleeve SLE2-1-080S (1)

Sleeve SLE2-1-035S (1)

Wire ties, (5)

Components are available from PAC Customer Service