PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

Číslo: CAA New Zealand AD DCA/750XL/14

Účinnost od: 31. března 2011

Pacific Aerospace Limited
Pacific Aerospace 750XL

Tento PZZ je vydáván pro výrobek transferovaný pod působnost EASA.

Na základě rozhodnutí EASA je následující Příkaz k zachování letové způsobilosti závazný pro všechny výrobky provozované v EU, na které se daný PZZ vztahuje.

Provedení PZZ, který se vztahuje podle typu a výrobního čísla na výrobek je pro provozovatele/vlastníka letadla zapsaného do leteckého rejstříku závazné. Neprovedením PZZ ve stanoveném termínu dojde ke ztrátě letové způsobilosti výrobku.

Poznámky:
- Provedení tohoto PZZ musí být zapsáno do provozní dokumentace letadla.
- Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická.
- Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.

Airworthiness Directive

Pacific Aerospace 750XL Aircraft

CIVIL AVIATION AUTHORITY OF NEW ZEALAND

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/14 Rudder Pedal Assembly – Inspection and Repair

Applicability: Model Pacific Aerospace 750XL aircraft, S/N all through to 111.

Note: This AD is prompted by a report from the manufacturer of finding cracks in rudder pedal assemblies at the quadrant attachment weld on early 750 XL aircraft.

Requirement: To prevent failure of the rudder pedal assembly due to possible cracks in the quadrant attachment weld which could result in loss of yaw control, accomplish the following:

1. Inspect the quadrant welds in the LH rudder pedal assembly P/N 11-45711-1 and the RH rudder pedal assembly P/N 11-45713-1 per the instructions in Pacific Aerospace Limited Mandatory Service Bulletin (MSB) PACSB/XL/050 issue 1 dated 15 December 2010.

If any cracks are found which are greater than ¼ inch, accomplish requirement 2 of this AD before further flight.

2. Terminating action:

Embody repair scheme PAC/XL/0461 (drawing 11-03221/22 refers) per the instructions in PACSB/XL/050.

(PACSB/XL/050 issue 1 refers)

Compliance: 1. Inspection:

Within the next 50 hours TIS or by 30 April 2011 whichever occurs sooner, and thereafter:

If any cracks are found that are less than ¼ inch:

Inspect the rudder pedal assembly per requirement 1 of this AD at weekly intervals until the next 150 hour inspection, then accomplish requirement 2 of this AD.

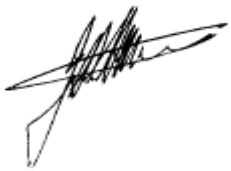
If no cracks found:

Inspect the rudder pedal assembly at intervals not to exceed 300 hours TIS until the next 1200 hours TIS or by 31 March 2013 whichever occurs sooner, then accomplish requirement 2 of this AD.

2. Terminating action for the repetitive inspections:

Within the next 1200 hours TIS or by 31 March 2013 whichever occurs sooner, unless previously accomplished.

Effective Date: 31 March 2011



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

31 March 2011

PACIFIC AEROSPACE

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MANDATORY SERVICE BULLETIN

PACSB / XL / 050
ISSUE 1

RUDDER PEDAL WELD ASSEMBLY

1. PLANNING INFORMATION

A.	EFFECTIVITY	All Pacific Aerospace Limited 750XL aircraft up to S/N XL 111
B.	REASON	Possibility of cracks forming around the welds on the Rudder Pedal Weld Assemblies, at the rudder cable pulley.
C.	DESCRIPTION	There have been instances of cracks being found on the end of the pedals where the welded rudder cable pulley is located on early 750 XL aircraft. Check the areas around the weld with a dye penetrating crack detection process. If there are any signs of cracking being present, a repair scheme needs to be incorporated.
D.	COMPLIANCE	The aircraft should be inspected immediately. If there are any signs of cracks greater than ¼ inch, the aircraft should not be flown and repair scheme PAC/XL/0461 incorporated. Aircraft found with cracks less than ¼ inch should be monitored weekly and repair scheme PAC/XL/0461 incorporated at next 150 hour Inspection.
E.	APPROVAL	By the delegated authority.
F.	TOOLING	No special tools are required.
G.	WEIGHT AND BALANCE	Negligible weight change.
H.	REFERENCE	P750 XL Maintenance Manual Ch 27-20-00 PAL Drawing 11-03221/22
I.	HOURS REQUIRED	4 hours Labour

2. ACCOMPLISHMENT INSTRUCTIONS

Inspection of Rudder Pedal Weld Assembly

A. Method:

1) The rudder pedal weld assembly should be checked around the welds, at the rudder cable pulley, using a dye penetration technique. An example of the potential cracking is shown in Figure 1.

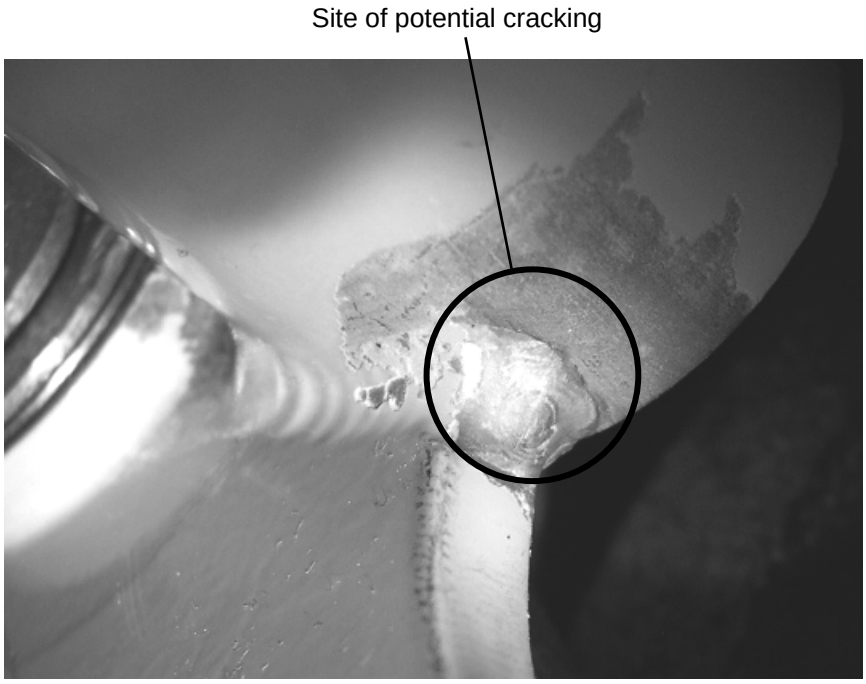

FIGURE 1 RUDDER PEDAL WELD ASSEMBLY

Incorporation of Repair.

A. Method:

1) Remove Rudder Pedal assembly IAW P750XL Maintenance Manual, Chapter 27-20-00. **It may be possible to carry out the repair in situ.**

2) Carry out repair of Rudder Pedal Weld Assemblies IAW PAC/XL/0461 (refer to Drawing 11-03221/22).

3) Upon completion of the repair, install Rudder Pedal assembly IAW P750XL Maintenance Manual, Chapter 27-20-00.

3. CERTIFICATION

Record compliance with this bulletin in the aircraft Log Book.

NZCAA are aware of this Service Bulletin and an emergency AD is anticipated.

4. MATERIAL REQUIRED:

Description	Part Number	Qty Required
LEVER ASSY LH	11-03221-5	1
LEVER ASSY RH	11-03222-6	1
REPAIR TUBE LH	11-03221-16	1
REPAIR TUBE RH	11-03222-17	1
BOLT	NAS6203-20	4
WASHER	AN960-10	4
NUT	MS21042L3	4
ADHESIVE SEALANT	AMS-S8802	A/R

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