



ÚŘAD PRO CIVILNÍ LETECTVÍ  
ČESKÁ REPUBLIKA  
**Sekce technická**  
letišťe Ruzyně, 160 08 Praha 6  
tel: 233320922, fax: 220562270

## PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

**Číslo: DCA/750XL/8**

Datum účinnosti: 31. srpna 2005

**PACIFIC AEROSPACE CORPORATION**  
letadlo model 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 zpracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.

## Airworthiness Directive

---

**DCA/750XL/8      Fuselage Roof, Station 180.85 – Inspection and Repair**

**Applicability:** Model 750XL aircraft, S/Ns 102, 104 to 120, 122 and 125.

**Requirement:** To detect the possible installation of undersize rivets in the fuselage roof at STN 180.85, BL 19.67, WL 86.2 accomplish the following:

Inspect the rivets in the fuselage roof at STN 180.85, BL19.67, WL 86.2, per the accomplishment instructions in Pacific Aerospace Corporation (PAC) Service Bulletin No. PACSB/XL/019, dated 21 April 2006.

Replace undersize rivets, per the replacement instructions in PAC SB No. PACSB/XL/019.

(PACSB/XL/019 refers)

**Compliance:** Within the next 150 hours TIS.

**Effective Date:** 31 August 2006



# MANDATORY SERVICE

## PACIFIC AEROSPACE CORPORATION

Pacific Aerospace Corporation Limited  
Hamilton Airport, Private Bag HN3027, Hamilton, New Zealand  
Telephone (64) 7-843-6144 Fax (64) 7-843-6134

PACSB / XL / 019

**B  
U  
L  
L  
E  
T  
I  
N**

### INSPECTION – Fuselage roof, Station 180.85

#### 1. PLANNING INFORMATION

- |    |                    |  |
|----|--------------------|--|
| A. | EFFECTIVITY        | PAC 750XL aircraft Serial No's; 102, 104 - 120 inclusive, 122,125.                               |
| B. | REASON             | Possible installation of undersize rivets in the fuselage roof at STN 180.85, BL 19.67, WL 86.2. |
| C. | DESCRIPTION        | This inspection is to determine that the rivets installed are actually 5/32" rather than 1/8".   |
| D. | COMPLIANCE         | At next 150 hours 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   |

N/A | NSOD | NIA | LARGE  
 DCAI... 750XL / 8  
 02 AUG 2006

#### 1.0 Background:

During routine inspection of an aircraft during release to service at Pacific Aerospace Corporation, it was identified that a row of 1/8" solid rivets had been incorrectly fitted where 5/32" solid rivets had been specified in the fuselage top (43 locations). STN 180.85, BL 19.67, WL 86.2 (Fig 1)

Investigations have indicated that this may well have been an isolated case as all other fuselages inspected at Pacific Aerospace Corporation revealed that the correct rivets had been fitted as specified.

However in order to avoid the possibility that the same error may have occurred in earlier aircraft the following recommendations are made.

A visual inspection of these specific co-ordinates must be performed in order to identify that 5/32" rivets have been fitted and not 1/8".



# MANDATORY SERVICE

## PACIFIC AEROSPACE CORPORATION

Pacific Aerospace Corporation Limited  
Hamilton Airport, Private Bag HN3027, Hamilton, New Zealand  
Telephone (64) 7-843-6144 Fax (64) 7-843-6134

PACSB / XL / 019

**B  
U  
L  
L  
E  
T  
I  
N**

### 2.0 Accomplishment instructions (Inspection)

- 2.1 At the co-ordinates specified visually inspect to determine that the correct rivet 5/32" has been installed. Using aids as necessary, (e.g. verniers) examine the rivet heads in the positions indicated. Refer to the illustration (Fig 1) which shows the fuselage roof.
- 2.2 The rivet heads at the points arrowed should be those of 5/32" rivets, clearly larger than those (1/8"). As a guide the head of the 5/32" rivet should measure  $\varnothing$  0.327" the incorrect 1/8" rivet head size should measure  $\varnothing$  0.289".
- 2.3 If rivets are 5/32", no further work is required complete section 4.0 of this SB.
- 2.4 If the rivets appear to be 1/8", proceed as in part 3.0.

### 3.0 Replacement

- 3.1 Incorrect rivets to be removed and replaced using the following rivet type MS20470AD5 (43). Components are available from Pacific Aerospace Customer Service.
  - Referring to the Maintenance Manual, Chapters 25 & 53 remove the Roof cabin linings.
  - Drill the heads and remove the 1/8" rivets one at a time, following normal rivet removal procedure.
  - As each rivet is removed, drill the hole out to 5/32", then ream using a number 21 (0.159") ream.
  - Install and drive an MS20470AD5 rivet.
  - Proceed until all 43 affected rivets have been replaced.
  - Paint in accordance with standard aircraft practices refer to Maintenance Manual Chapter 20.
- 3.2 Reinstall the cabin lining referring to the Maintenance Manual, Chapter 25.

### 4.0. CERTIFICATION

Record compliance with this Bulletin in the Airframe Log Book,



# MANDATORY SERVICE

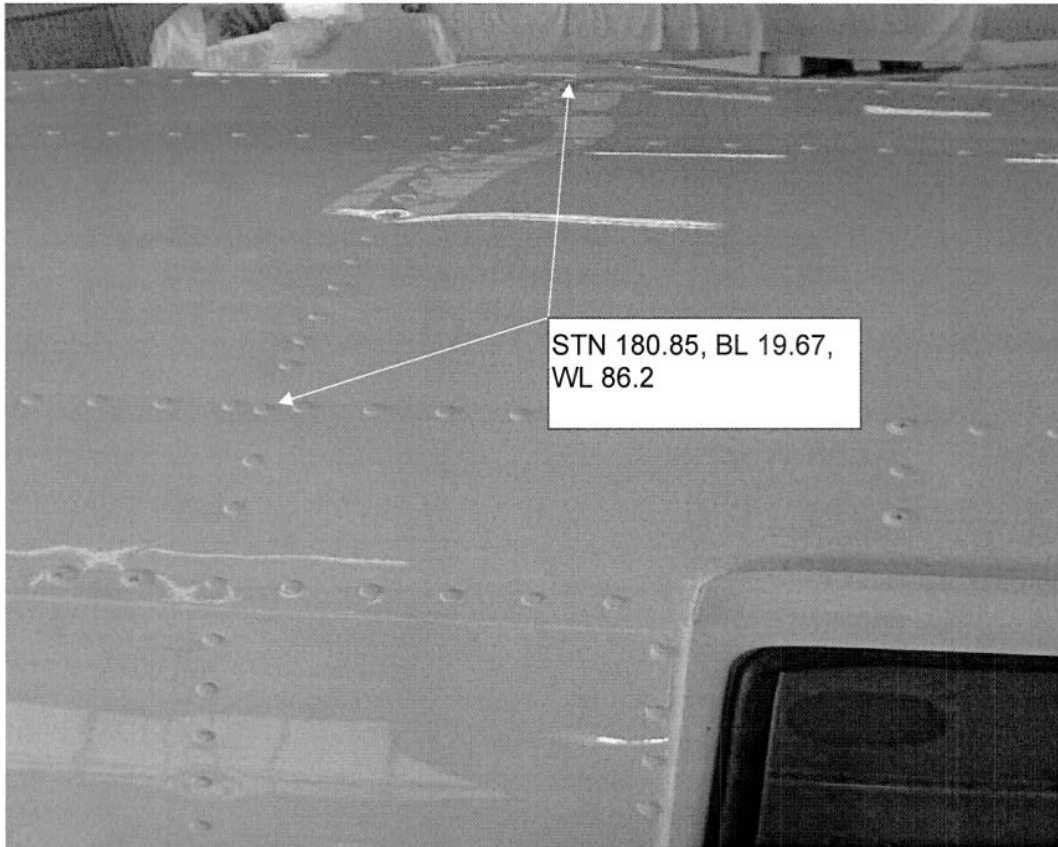
## PACIFIC AEROSPACE CORPORATION

Pacific Aerospace Corporation Limited  
Hamilton Airport, Private Bag HN3027, Hamilton, New Zealand  
Telephone (64) 7-843-6144 Fax (64) 7-843-6134

PACSB / XL / 019

**B  
U  
L  
L  
E  
T  
I  
N**

Figure 1



3.

