

## MCAI Information Form

In support of the Civil Aviation Authority actions to address your Mandatory Continued Airworthiness Information (MCAI), please provide the information below, if not contained in the referenced service information. **Important Note:** The Director may require information considered necessary in the interests of civil aviation safety, Civil Aviation Act 1990 Section 15 refers.

Aircraft Manufacturer/Model *Pacific Aerospace Ltd / P-750 XL*

Service Bulletin/Revision/Date *PACSB/XL/117 – Issue 2 – 21/08/2019*

Number of aircraft affected, all aircraft or by S/N: *750XL (NZ) - 101 thru 215,220*  
*750XL (CN) - 8001 & 8002*  
*Assemblies held in store*

**1. Describe the unsafe condition, AND its root cause. Include a description of how the problem could affect the safe operation of the aircraft:**

*The illustration of the subject Screw Jack Assembly in Maintenance Manual and Illustrated Parts Manual were portrayed incorrectly. It is suspected that a few numbers of Screw Jack Assembly in 750XL fleet may have fitted incorrectly by operators due to the very reason.*

**2. Provide the number and description of occurrences that prompted the mandatory service bulletin:**

*No history of Screw Jack Assembly failure since its production. This Service Bulletin is being issued in the interest of flight safety to avert any possible occurrence of failure of the subject assembly in future.*

**3. How was the compliance time(s) established?**

*Medium Risk. The permissible axial load of the screw jack is designed for 1553lbs whereas the flap load is limited to 1377lbs. Also, it is designed to eliminate transfer of side loads to prevent from fatigue failure. There is no history of failure or even malfunction of the subject assembly ever since its production. However, the establishment of compliance time is a precautionary measure keeping in view of flight safety.*

**4. Cost of parts and/or installation man hours?**

*Not Applicable (Locking wire will be required as per requirements).*  
*Man Hours: Part A: 10 min. / Part B: 2 hour on each side.*

**5. If parts are required, are they available for all aircraft?**

*Yes.*

## MCAI Information Form

In support of the Civil Aviation Authority actions to address your Mandatory Continued Airworthiness Information (MCAI), please provide the information below, if not contained in the referenced service information. **Important Note:** The Director may require information considered necessary in the interests of civil aviation safety, Civil Aviation Act 1990 Section 15 refers.

**6. What category best describes the cause of the unsafe condition? Design problem, maintenance, quality control problem, unapproved parts, operational or other (specify):**

*Tech Publication: The orientation of 'Stop' of the Screw Jack Assembly has been portrayed incorrectly in Maintenance Manual and Illustrated Parts Manual. It is suspected that operators may have followed the illustration for assembling and disassembling the subject screw jack assembly.*

**7. Should a ferry flight be permitted? Yes/No?**

*Yes, the aircraft is permitted for flying to the nearest base maintenance location if required.*

**8. If this is an interim action is a terminating action available? If so, please provide a description and recommended compliance time:**

*Part B of this SB is a terminating action. Also, the tech publications will be amended immediately.*

**9. Other additional information:**

*PACSB/XL/117 Iss 2 is to correct the affected aircraft serial numbers.*

Form completed by: Denny Babu

Date: 21/08/2019

Contact phone number: (07) 843 6144 Extn 295