

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/097 – Issue 1 – 12/03/2018*

Number of aircraft affected, all aircraft or by S/N: *All P-750XL aircraft up to and including S/N 215.*

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

It is possible that the Elevator Bellcrank Pivot joint could be assembled with a bolt that is a gauge size too short leaving threads inside the working section of the joint. This condition could create score / damage from the treads of the bolt on the internal bore of the Cross Tube hinge plate.

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

1 occurrence has been found in production and so the Mandatory Service Bulletin has been raised to confirm the safety of the fleet.

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

Due to the importance of the joint in question in terms of flight safety it has been requested that the inspection is carried out at the next Check 1 (150 hr) inspection.

The fleet is 100 aircraft, and have accumulated approximately 383000 FH, there have been no reported cases of the elevator developing play in the field, therefore it has been determined that waiting until the next Check 1 inspection is an acceptable time frame.

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

Material costs: \$ 142.37 / Man Hours: 2 hours (inspection only) or 8 hours (for full accomplishment).

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

Yes.

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

Design problem.

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

Yes.

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

This SB is a terminating action.

9. Other additional information:

N/A.

Form completed by: *Ricardo Correia*
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Date: *19/03/2018*