

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/086 – Issue 2 – 06/04/2018*

Number of aircraft affected, all aircraft or by S/N: *All P-750XL aircraft up to and including S/N 208 (excluding S/N 206), that are fitted with factory air-conditioning (Modification PAC/XL/0409) or the provision for air-conditioning (Modification PAC/XL/0618).*

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 insulation lagging provided by the air-conditioning supplier has been found to be non-compliant and may cause large amounts of smoke in the cabin in the event of a fire.

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

No occurrences reported. Mandatory Service Bulletin action taken to improve the safety in case of engine fire, reducing the probability of propagating into the cabin.

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

There have been no reported fire event and the fleet (100 aircraft) has accumulated approximately 383,000 hours based on 2017 figures from PAL Fleet Support. The insulation is located in areas which are separated from the cabin, and not supplied with a continuing air source.

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

Material costs: XXX \$ / Man Hours: 32 hour.

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: *21/06/2018*