



Safety Information Bulletin

Airworthiness

SIB No.: 2017-05

Issued: 02 May 2017

Subject: Main Wheel Hub – Improved Maintenance Instructions

Ref. Publications:

AIRBUS Operators Information Transmission (OIT) 999.0015/17 original issue, dated 08 February 2017.

Applicability:

Airbus A330 and A340 aeroplanes fitted with Goodrich-Messier main wheels, Part Number 3-1546.

Description:

Two occurrences were reported of main wheel tie bolt failure on A330 aeroplanes. In both cases, the inner wheel hub cracked circumferentially and the crack migrated inward toward the landing gear (LG), causing associated damage to the brakes, tires and LG. In addition to these events, there have been a number of tie bolt failures which only resulted in light damage to brakes and/or wheels.

Investigation results identified that the maintenance practices applied by operators to wheel tie bolts were not always aligned with the wheel manufacturer practices, as defined in the applicable Component Maintenance Manual (CMM) and Standard Practices Manual (SPM), or the CMM and SPM lacked clarifications.

Prompted by these findings, to avoid such event in the future, Goodrich-Messier has developed improved maintenance instructions for the main wheel hub, which are listed in Airbus OIT 999.0015/17.

At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant Airworthiness Directive (AD) action under Regulation (EU) [748/2012](#), Part 21.A.3B.

Recommendation(s):

EASA recommends owners and operators to ensure that, each time maintenance is accomplished on the wheel tie bolts, the information specified in Airbus OIT 999.0015/17 is considered.

Contact(s):

For further information contact the EASA Safety Information Section, Certification Directorate.

E-mail: ADs@easa.europa.eu.

This is information only. Recommendations are not mandatory.



For a copy of the referenced OIT, or further information regarding the technical content of this OIT, please contact Airbus via e-mail: airworthiness.A330-A340@airbus.com.

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