



EASA Safety Information Bulletin

SIB No.: 2009-13
Issued: 15 June 2009

Subject: **Inspection of McCauley 1A103/TCM Propeller Hubs for Cracking and Rework Procedures**

Ref. Publication: McCauley Propeller Systems Alert Service Bulletin (ASB) 221D dated 28 January 2008.

Description: McCauley has published the referenced service publication to inform owners and operators of aeroplanes with McCauley 1A103/TCM propellers installed that cracks have been found on the camber side of the propeller hub near the mounting bolt holes. These crack(s) have been observed primarily in areas where fretting is present around propeller mounting bolt holes.

The FAA published AD 2003-12-05 to address this unsafe condition, which requires compliance with the instructions of McCauley ASB 221C dated 7 September 1999. Since then, McCauley has received reports of model 1A103/TCM propellers, with serial numbers that were not affected by ASB 221C, that had cracks in the propeller hub.

After reviewing the available information, EASA concurs with the McCauley publication and fully supports the recommendations contained therein. This SIB is published to ensure that all owners and operators of the affected aeroplanes are aware of these recommendations.

The FAA has informed the Agency that, as an interim action, the use of McCauley ASB 221D has been approved as an Alternative Method of Compliance (AMOC) for the requirements of FAA AD 2003-12-05. In addition, the FAA expects to take AD action for this subject, which will likely result in the adoption by EASA of that FAA AD, superseding AD 2003-12-05. When that occurs, this SIB will be cancelled (withdrawn).

Applicability: McCauley 1A103/TCM propellers, all serial numbers.

These propellers are known to be installed on, but not limited to, Cessna Aircraft Company 152 and A152, and Reims Aviation S.A. F152 and FA152 aeroplanes.

Contacts:

For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA;
E-mail: ADs@easa.europa.eu.

Copies of the referenced ASB may be obtained upon request from
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WITHDRAWN -
SEE FAA AD 2010-04-05