Australian Government
Civil Aviation Safety Authority

AIRWORTHINESS BULLETIN

Harley Buckle Locking Bar

AWB   25-012   **Issue** :   2
Date :   12 March 2007

1.   Applicability

All equipment fitted with a Harley Buckle.

2.   Purpose

This AWB is to provide information on a possible manufacturing defect with the Harley Buckle.

3.   Background

Mandatory Permit Directive 2006-004 and 2006-005 have been issued by the United Kingdom Civil Aviation Authority regarding the Harley Buckle.
During routine maintenance of an AML Harley Buckle Assembly, it was found that the solid Locking Bar Pivot Pin was not engaged in the release lever. It was found that only one end of the pin had been chamfered during manufacture.

The Harley Buckle is used on various safety straps including, but not limited to, tie down straps for emergency equipment and ejection seats fitted to ex-military aircraft. Aircraft such as the British Aerospace/BAC 167 Strikemaster, Jet Provost and BAC Canberra, amongst others, may be affected.

Alert Service Bulletin SB.25-07 has been released by the manufacturer in response to the defect to ensure reliability in the equipment.

The buckles can be identified by the part number (33175 SHT 1 or AL2872 SHT 1) stamped on the main body of the buckle. It should be noted however that one operator has found non-conforming buckles with no part number identification.

4.   Recommendation

Examine all Harley Buckles Part Number AML 33175 SHT 1 and AML AL2872 SHT 1 in accordance with Alert Service Bulletin SB.25-07.

Note: A copy of the Service Bulletin can be obtained from:

Airborne Systems Limited
Bettws Road
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CF32 8PL
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5.   Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address: AirworthinessBulletin@casa.gov.au

Or in writing, to:

Manufacturing, Certification and
New Technologies Office,
GPO Box 2005, Canberra, ACT, 2601