

**Unison (Slick) Magnetos fitted to Diamond
DA20 series aircraft.**

AWB 74-002 **Issue :** 1
Date : 25 January 2007

1. Applicability

All Diamond DA20 series aircraft fitted with TCM IO-240B engines incorporating Unison (Slick) 4309 and 4310 model Magnetos.

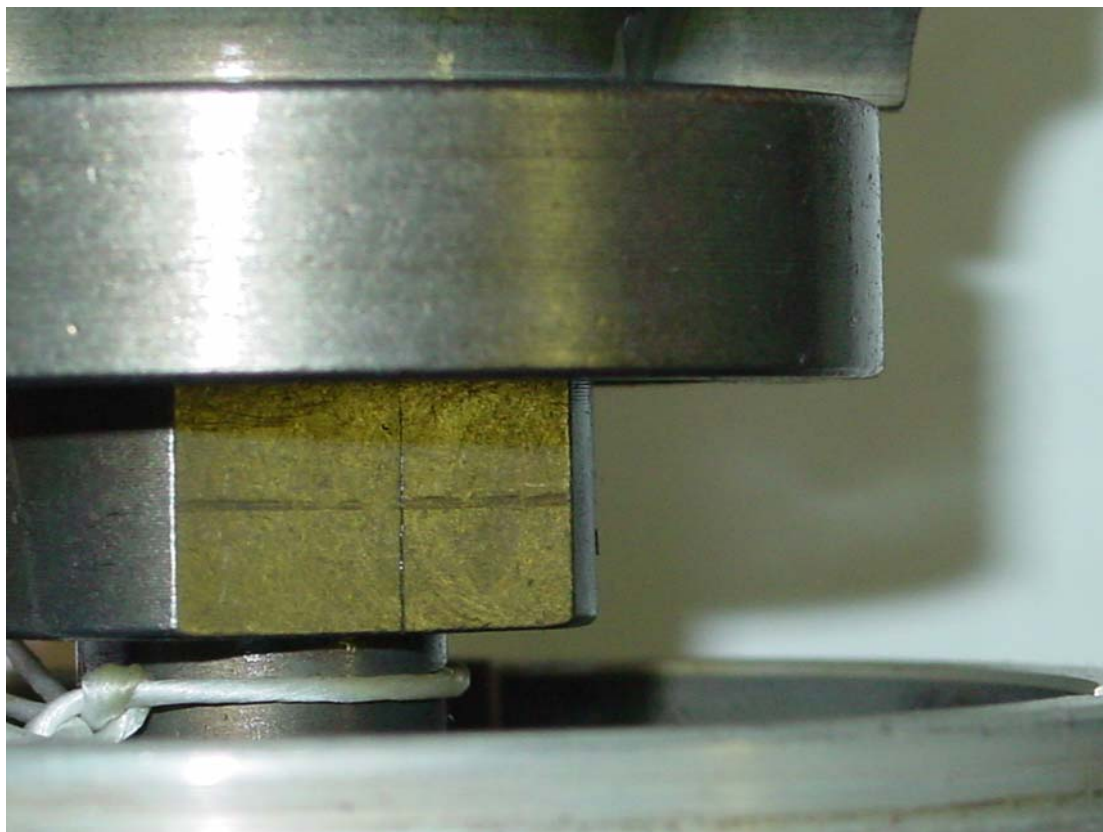
2. Purpose

To alert operators to the continuing failures of the hub assembly part number M5269 .

3. Background

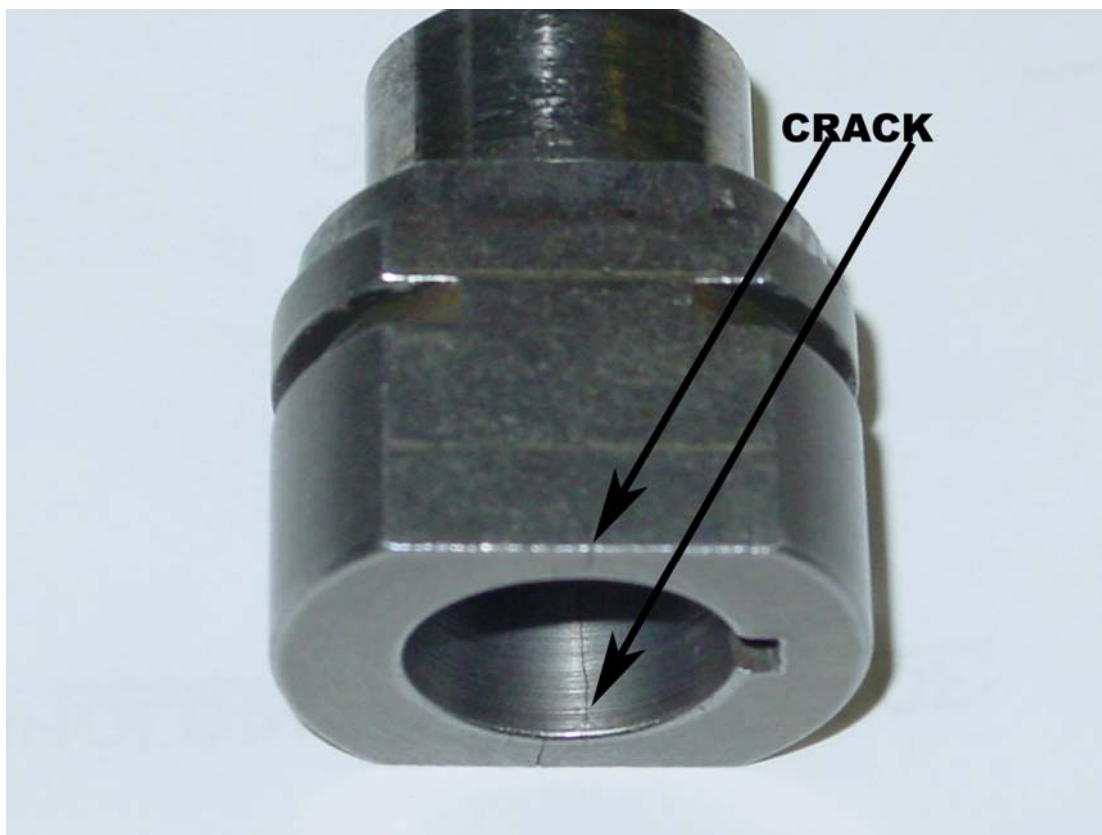
Several SDRs have been submitted concerning cracking of Unison (Slick) magneto hub(coupling)assemblies fitted to the TCM IO-240B engines installed on the Diamond DA20.

This cracking is evident anytime after installation. In some cases they have been found to crack while being torqued onto the magneto assembly.



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4. Recommendation

It is recommended that operators of all Diamond DA20 series aircraft fitted with these magnetos consider incorporating a system of inspection of the hub, initially at the next 50 hourly inspection, then every 100 hourly inspection if no cracking is found.

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:

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New Technologies Office,
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