



Undercarriage Pin Circlip Damage -  
Diamond DA42 Aircraft

**AWB** 32-011 **Issue :** 1  
**Date :** 21 February 2008

## 1. Applicability

This AWB is applicable to all Diamond DA42 aircraft.

## 2. Purpose

The purpose of this AWB is to bring to the attention of Registered Operators and maintainers of Diamond DA42 aircraft that undercarriage pin circlips part number DIN471-08-2P are subject to fatigue failures which may lead to undercarriage failures.

## 3. Background

Two reports have been received indicating that the circlips part number DIN471-08-2P holding the main undercarriage pins in place have failed due to fatigue causing the pin to move to a position where the pin may fall out. There is no indication of this failure until the undercarriage becomes inoperative.

## 4. Recommendation

It is recommended that all Registered Operators of Diamond DA42 series aircraft;

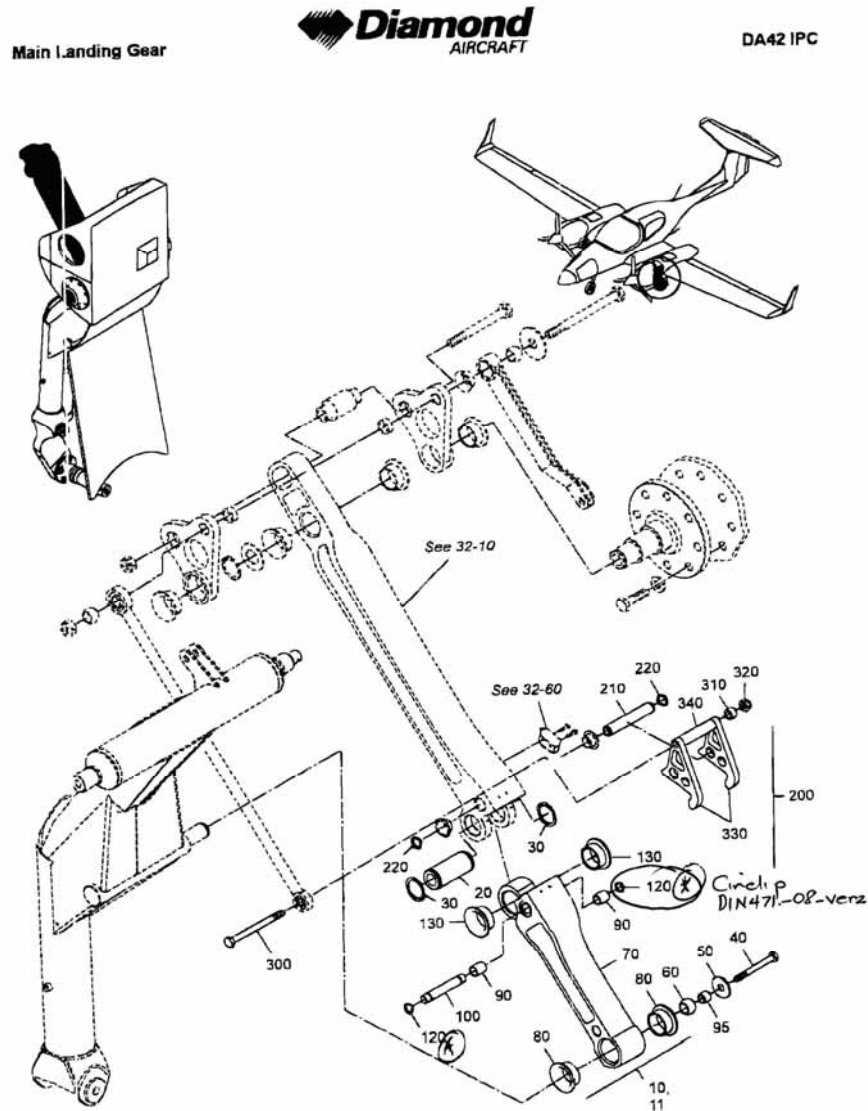
- Inspect all main undercarriage pin circlips part number DIN471-08-2P for damage, fatigue and security as soon as practical.
- Inspect all main undercarriage pin circlips at every periodic inspection for security fatigue and damage.
- Replace all main undercarriage pin circlips which show signs of fatigue or damage.
- Replace all main undercarriage pin circlips at 200 hrs TIS intervals.
- Report all damaged or fatigued main undercarriage pin circlips to CASA through the normal SDR system.



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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:

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Or in writing, to:

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