



Cessna 404, 425 and 441 Main Landing Gear
Trailing Link Inspection

AWB 32-022 **Issue** : 1
Date : 16 May 2013

1. Applicability

All Cessna model 404, 425 and 441 aircraft.

2. Purpose

To alert operators and maintainers to revised supplemental inspection documents (SID) and maintenance manuals regarding main landing gear trailing link inspections.

3. Background

CASA has been informed about conflicting instructions between Cessna 404, 425 and 441 maintenance manuals and SID. The magnetic particle inspection of the trailing link provided in the SID required removal of the axle from the assembly in preparation for the task. The maintenance manual, however, explicitly stated that disassembly of the axle and fork assembly was prohibited. Cessna recently published the documents listed in the reference section of this AWB, to rectify the issue.

In summary, the documents detail;

- the removal of the prohibition to disassemble the axle from the trailing link assembly
- the addition to the maintenance manuals that if it is necessary to remove the axle from the trailing link assembly, refer to the applicable SID for assembly and disassembly procedures
- disassembly and assembly procedures in each SID, with specific instructions to discard the pins which attach the axle to the trailing link upon disassembly; and coat the interface surfaces of the axle and trailing link with primer prior to reassembly
- that heat should not be applied to the trailing link. However, the maintainer may freeze the axle to make the assembly easier

4. Recommendation

If the trailing link was heated to 175°C or more during reassembly, attachment pins not replaced or primer not applied to interface surfaces of the axle and trailing link, CASA strongly recommends contacting your local Cessna Technical Representative to receive continuing airworthiness guidance for their particular circumstance.

5. References

Cessna Temporary Revision D2518-16TR5-5
Cessna Temporary Revision D2517-16TR1
Cessna Service Letter MEL-05-01
Cessna Service Letter CQL-05-01



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6. 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:

Airworthiness & Engineering Branch
Civil Aviation Safety Authority
GPO Box 2005, Canberra, ACT, 2601