



## Safety Information Bulletin

### Airworthiness

SIB No.: 2018-17

Issued: 12 September 2018

**Subject:** Liquid Penetrant Inspection / Use of Visible Dye Penetrant

#### Ref. Publications:

Federal Aviation Administration (FAA) Special Airworthiness Information Bulletin (SAIB) [CE-18-26](#) dated 04 September 2018.

#### Applicability:

All safety critical hardware installed on engines, propellers, and auxiliary power units (APU).

#### Description:

The FAA has published the referenced SAIB to inform about the risk associated with the use of visible dye penetrant inspection method under ordinary white light. This method involves the use of Type II visible penetrant (visible under ordinary white light), ref. Aerospace Material Specification (AMS) 2644 Inspection Material, Penetrant.

At this time, the safety concern described in this SIB does not warrant the issuance of an Airworthiness Directive under Commission Regulation (EU) [748/2012](#), Part 21.A.3B.

#### Recommendation(s):

EASA endorses the recommendations of FAA SAIB CE-18-26, and considers that they apply to all safety critical hardware on any engines, propellers and APU, including those of non-US design.

#### Contact(s):

For further information contact the EASA Safety Information Section, Certification Directorate.  
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This is information only. Recommendations are not mandatory.

