

Doc.-Nr. 336-99-0005-00 Issue: 00 Page: 1 of 1	Service Information	Alexander Schleicher GmbH & Co. Segelflugzeugbau D-36163 Poppenhausen ADOA AP138
	Flap lever locking pin	

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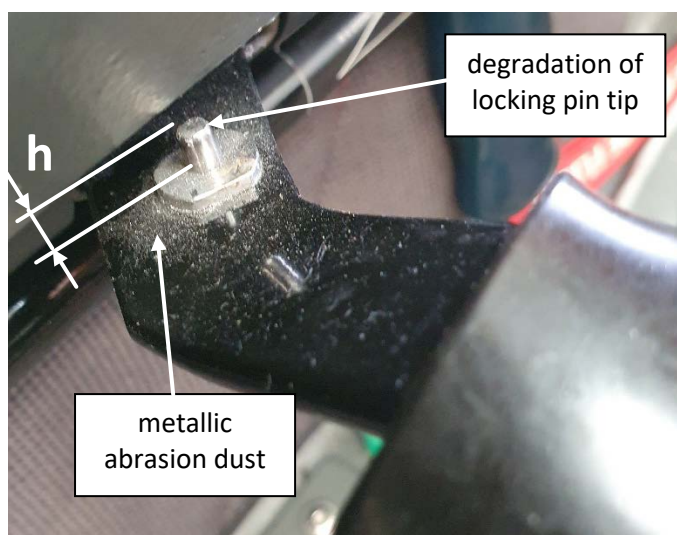
Subject: Flap lever locking pin in the cockpit – focus during maintenance / inspection tasks

Notes: A service information is used only to distribute information from the type certificate holder to operators or maintenance organisations. Further, it is used to distribute applicable information/documents from suppliers to operators or maintenance organisations with additional information.

Information

Feedback from maintenance organizations performing inspections on aircrafts of AS 33 series indicates that some of the aircrafts show a higher wear of the flap lever locking pin in the cockpit than normal. An excessive degradation of the pin could lead to unintended unlocking of the wing flap. Therefore, a regular inspection of the pin is required. Although the inspection is already included in the general guidance for scheduled maintenance according section 7.1 of the Maintenance Manual, the present service information is intended to remember maintenance staff to focus on the locking pin during maintenance tasks.

Excessive wear on the locking pin can be easily detected by metallic abrasion dust on the lever next to the pin or deformation / degradation of the pin:



The minimum height h of the locking pin must not be less than 4 mm (0.16 in).

Note: For serial production the flap setting plate was changed to minimize the possibility of excessive wear on the locking pin (AS 33 Es from S/N 33067; AS 33 Me from S/N 33551). The improved design can be retrofitted to existing aircrafts. The required spare part depends on the serial number:

- AS 33 Es S/N 33001 – 33063 330-45-0001-00, Rev. A or higher
- AS 33 Es S/N 33064 – 33066 330-45-0021-00, Rev. B or higher
- AS 33 Me S/N 33501 – 33507 & 33511 330-45-0001-00, Rev. A or higher
- AS 33 Me S/N 33508 – 33550 (excl. 33511) 330-45-0021-00, Rev. B or higher

The setting plate P/N 330-45-0021-00 can be identified by a marking at the rear lower edge:

