

EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	PAD No.: 13-023 Date: 29 January 2013 Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.	
Design Approval Holder's Name : AIRBUS	Type/Model designation(s) : A340-500/-600 aeroplanes
TCDS Number: EASA A.015	
Foreign AD: Not applicable	
Supersedure: None	
ATA 28	Fuel – Low Pressure Shut Off Valve – Operational Check / Replacement / Modification
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A340-541, A340-542, A340-642 and A340-643 aeroplanes, all manufacturer serial numbers.
Reason:	Three cases of inboard Low Pressure Shut Off Valve (LPSOV) drive shaft disconnection have been reported on the A340-500/600 fleet. Two of these events were detected due to fuel restrictions to the associated engines and the third one was detected during scheduled maintenance. The result of the investigations showed that there was friction between the washer and the spirolox retaining ring, which then led to the spirolox retaining ring going out of its locating groove. The outboard engine LPSOV are also affected due to the common design features. This condition, if not detected and corrected, could lead to an LPSOV failure in open position, which would prevent the flight crew from shutting down the fuel flow in case of engine fire, possibly affecting the safety of the aeroplane. To address this condition, Airbus developed 2 modifications (Mod. 202850 and Mod. 53092), which consists in installing an improved LPSOV stepped washer, to be embodied in service with Airbus Service Bulletin (SB) A340-28-5059. For the reasons described above, this AD requires repetitive operational checks on all LPSOVs to detect a fuel leak and, depending on findings, accomplishment of the applicable corrective actions. This AD also requires installation of an improved LPSOV stepped washer.

Effective Date:	[TBD: 14 days after final AD issue date]						
Required action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: (1) Within the compliance time defined in Table 1 of this AD, as applicable, and thereafter at intervals not to exceed 5 000 flight hours (FH) or 12 months, whichever occurs first, accomplish an operational check of each LPSOV in accordance with the instructions of Airbus Service Bulletin (SB) A340-28-5056. Table 1 – Compliance Time <table border="1"> <thead> <tr> <th></th><th>Compliance time (whichever occurs later, A or B)</th></tr> </thead> <tbody> <tr> <td>A</td><td>Before accumulation of 5 000 FH or 12 months, whichever occurs first since the aeroplane first flight, or since the last replacement of LPSOV on an aeroplane.</td></tr> <tr> <td>B</td><td>Within 4 months after the effective date of this AD.</td></tr> </tbody> </table> (2) If, during any operational check as required by paragraph (1) of this AD, a fuel leak is detected, before next flight, replace the affected LPSOV with a serviceable part in accordance with the instructions of Airbus SB A340-28-5056. (3) Replacement of an LPSOV, as required by paragraph (2) of this AD, does not constitute terminating action for the repetitive operational checks as required by paragraph (1) of this AD. (4) Within 48 months after the effective date of this AD, modify the inboard and outboard LPSOVs to embody the improved LPSOV stepped washers in accordance with the instructions of Airbus SB A340-28-5059. (5) Modification of an aeroplane as required by paragraph (4) of this AD constitutes terminating action for the repetitive operational checks as required by paragraph (1) of this AD. (6) After modification of an aeroplane as required by paragraph (4) of this AD, during each replacement of an LPSOV on that aeroplane, install the improved LPSOV stepped washer in accordance with the instructions of Airbus SB A340-28-5059.		Compliance time (whichever occurs later, A or B)	A	Before accumulation of 5 000 FH or 12 months, whichever occurs first since the aeroplane first flight, or since the last replacement of LPSOV on an aeroplane.	B	Within 4 months after the effective date of this AD.
	Compliance time (whichever occurs later, A or B)						
A	Before accumulation of 5 000 FH or 12 months, whichever occurs first since the aeroplane first flight, or since the last replacement of LPSOV on an aeroplane.						
B	Within 4 months after the effective date of this AD.						
Ref. Publications :	Airbus SB A340-28-5056 at Original issue, dated 11 October 2012. Airbus SB A340-28-5059 at Original issue, dated 16 January 2013. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.						
Remarks :	1. This Proposed AD will be closed for consultation on 26 February 2013. 2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – Airworthiness Office – EIAL; E-mail: airworthiness.A330-A340@airbus.com.						