


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2012-0221</p> <p>Date: 23 October 2012</p> <p>Note: This Airworthiness Directive (AD) 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.</p>
<p>This AD is issued in accordance with EC 748/2012, Part 21.A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p>Design Approval Holder's Name :</p> <p>AIRBUS</p>	<p>Type/Model designation(s) :</p> <p>A318, A319, A320 and A321 aeroplanes</p>
TCDS Number :	EASA.A.064
Foreign AD :	Not applicable
Supersedure :	None
ATA 55	Stabilizers – Elevators – Weight Check / Re-identification
Manufacturer(s):	Airbus
Applicability:	Airbus A318-111, A318-112, A318-121, A318-122, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-215, A320-216, A320-231, A320-232, A320-233, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, all manufacturer serial numbers.
Reason:	<p>It has been identified that maintenance activities, such as repairs or the accumulation of paint layers, may cause the weight of an elevator to exceed the certified limits.</p> <p>This condition, if not detected and corrected, could result in reduced control of the aeroplane.</p> <p>For the reasons described above, this AD requires a onetime weight check of both left-hand (LH) and right-hand (RH) elevators, accomplishment of corrective actions, as applicable, depending on findings, and re-identification of the elevators.</p> <p>The monitoring of elevator weight evolution after having complied with this AD is ensured by Airbus A318/A319/A320/A321 ALS Part 2 CDCCL (Critical Design Configuration Control Limitations), compliance with which is currently required by EASA AD 2010-0071R1.</p>
Effective Date:	06 November 2012

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, for each elevator having the first 12 digits of the Part Number (P/N) as listed in Table 2 of this AD, accomplish a weight check in accordance with the instructions of Airbus Service Bulletin (SB) A320-55-1034.

Table 1

Elevator condition, on the effective date of this AD	Compliance Time, after the effective date of this AD
For an elevator for which the records show that no maintenance actions have been performed since first installation on an aeroplane, which might have affected its weight	72 months
All other elevators	48 months

Table 2

Part name	P/N (first 12 digits only)
LH Elevator	D55280001000, D55280001002, D55280001004, D55280001008, D55280001010, D55280001012, and D55280002000.
RH Elevator	D55280001001, D55280001003, D55280001005, D55280001009, D55280001011, D55280001013, and D55280002001.

- (2) If the elevator weight, determined as required by paragraph (1) of this AD, exceeds the weight limit specified in Airbus SB A320-55-1034, as applicable to the aeroplane model and to the elevator P/N, before further flight, accomplish the applicable corrective actions followed by a new weight check of the elevator in accordance with the instructions of Airbus SB A320-55-1034,
- (2.1) If the elevator weight, determined as required by paragraph (2) of this AD, does not exceed the weight limit specified in Airbus SB A320-55-1034, as applicable to the aeroplane model and to the elevator P/N, within 72 months after the effective date of this AD, record the elevator weight and re-identify the elevator in accordance with the instructions of Airbus SB A320-55-1042 Revision 01.
- (2.2) If the elevator weight, determined as required by paragraph (2) of this AD, still exceeds the weight limit specified in Airbus SB A320-55-1034, as applicable to the aeroplane model and to the elevator P/N, before further flight, contact Airbus to obtain the necessary approved instructions for corrective action and accomplish those instructions accordingly.
- (3) If the elevator weight, determined as required by paragraph (1) of this AD, does not exceed the weight limit specified in Airbus SB A320-55-1034, as applicable to the aeroplane model and to the elevator P/N, within 72 months after the effective date of this AD, record the elevator weight and re-identify the elevator, in accordance with the instructions of Airbus SB A320-55-1042 Revision 01.
- (4) Prior of the effective date of this AD, accomplishment of Airbus SB 55-1042

	<p>original issue is acceptable to comply with paragraph (2) and (3) of this AD.</p> <p>(5) A review of the aeroplane maintenance records is acceptable in lieu of the weight check required by paragraph (1) of this AD, provided the elevator weight can be conclusively identified from that review.</p> <p>(6) The use of elevator weight data from production as specified in Airbus SB A320-55-1034 is acceptable in lieu of the weight check required by paragraph (1) of this AD, provided that the affected elevator has not been subjected to any maintenance action that could have modified the weight.</p> <p>(7) Aeroplanes on which Airbus modification 150390 has been embodied in production are not affected by the requirements of paragraph (1), (2) and (3) of this AD, provided that no elevator having a P/N as defined in Table 2 of this AD has been installed on that aeroplane since aeroplane first flight.</p> <p>(8) From the effective date of this AD, do not install on any aeroplane an elevator with a P/N (first 12 digits only) listed in Table 2 of this AD, unless in compliance with the requirements of this AD.</p>
Ref. Publications:	<p>Airbus SB A320-55-1034 original issue dated 19 August 2011.</p> <p>Airbus SB A320-55-1042 Revision 01 dated 29 June 2012.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 05 June 2012 as PAD 12-060 for consultation until 03 July 2012. The Comment Response Document can be found at http://ad.easa.europa.eu. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS – Airworthiness Office – EIAS, Fax +33 5 61 93 44 51, E-mail: account.airworth-eas@airbus.com.