

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2010-0091R1 Date: 12 October 2010 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.
This AD is issued in accordance with EC 1702/2003, Part 21A.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].	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A318, A319, A320 and A321 aeroplanes
TCDS Number :	EASA.A.064
Foreign AD :	Not applicable
Revision :	This AD revises EASA AD 2010-0091 dated 19 May 2010.
ATA 55	Stabilizers – Elevators – Inspection
Manufacturer(s):	Airbus (formerly Airbus Industrie)
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 aeroplane models, all manufacturer serial numbers.
Reason:	A special detailed inspection of A318 / A319 / A320 / A321 elevators pre-modification 35515 was introduced under ALI task 552007 in the ALS part 2 under ALI Document reference AI/SE-M4/95A.0252/96 at issue 7 approved by EASA on 07 February 2006 and mandated by EASA AD 2006-0165. This ALI task has been introduced with an applicability defined at aeroplane modification level. A specific statement related to the interchangeable parts policy was introduced in issue 9 of the ALI Document approved by EASA on 21 May 2007. This statement required that when a Damage Tolerant part or assembly is transferred from one aeroplane to another, the required maintenance task threshold and intervals for the transferred parts have to be respected. It has been reported that some elevators may have been moved from the aeroplane on which they were originally fitted to another aeroplane, and spare parts may have been installed without having been inspected within the applicable required time frame as per ALI task 552007 requirements. For the reasons described above, EASA AD 2010-0091 was issued to require the identification of the elevators installed on the aeroplane to determine

	whether these elevators have been inspected within the applicable required time frame as per ALI task 552007. If this has not been done, this AD requires the accomplishment of that inspection and, depending on findings, associated corrective action(s). This AD has been revised to clarify that the requirement of paragraph (6) is limited to elevators.						
Effective Date:	Revision 1 : 26 October 2010 Original issue : 02 June 2010						
Required Action(s) and Compliance Time(s):	Required as indicated : (1) Within 30 days after the effective date of this AD at original issue, identify the P/N of the LH and RH elevators in accordance with the instructions defined in Airbus Service Bulletin (SB) A320-55A1040. (2) If the first twelve digits of an identified elevator P/N are one of those listed in Table 1 of this AD, within 30 days after the effective date of this AD at original issue, determine the elapsed (calendar) time since the elevator first flight after accomplishment of the instructions of Airbus SB A320-55-1024 on this elevator, or the elapsed time since the elevator first flight, as applicable, and compare it to the threshold for the next due inspection as per ALI tasks 552007-01-1, or 552007-01-3 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9. Table 1 <table border="1" data-bbox="544 1005 1382 1151"> <tr> <th>Part name</th><th>P/N (first 12 digits only)</th></tr> <tr> <td>LH Elevator</td><td>D55280001000</td></tr> <tr> <td>RH Elevator</td><td>D55280001001</td></tr> </table> (2.1) If the elapsed time, determined as required by paragraph (2) of this AD, has exceeded the ALI threshold for the next due inspection: Within 30 days after the effective date of this AD at original issue, perform the special detailed inspection of the affected elevators Top and Bottom skin panels and apply the associated corrective actions in accordance with the ALI tasks 552007-01-1, or 552007-01-3 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9. (2.2) If the elapsed time, determined as required by paragraph (2) of this AD, has <u>not</u> exceeded the ALI threshold for the next due inspection: Before reaching that threshold, or within 30 days after the effective date of this AD at original issue, whichever occurs later, perform the special detailed inspection of the affected elevators Top and Bottom skin panels and apply the associated corrective actions in accordance with the ALI tasks 552007-01-1, or 552007-01-3 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9. (2.3) Accomplishment of corrective actions as required by paragraph (2.1) or (2.2) of this AD, as applicable, does not constitute terminating action for the repetitive inspections of Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9. (3) If the first twelve digits of an identified elevator P/N are one of those listed in table 2 of this AD, within 30 days after the effective date of this AD at original issue, determine the elapsed (calendar) time since this elevator	Part name	P/N (first 12 digits only)	LH Elevator	D55280001000	RH Elevator	D55280001001
Part name	P/N (first 12 digits only)						
LH Elevator	D55280001000						
RH Elevator	D55280001001						

first flight and compare it to the threshold for the next due inspection as per ALI tasks 552007-01-2, or 552007-01-4 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9.

Table 2

Part name	P/N (first 12 digits only)
LH Elevator	D55280001002, D55280001004, D55280001008, D55280001010, or D55280001012
RH Elevator	D55280001003, D55280001005, D55280001009, D55280001011, or D55280001013

- (3.1) If the elapsed time, determined as required by paragraph (3) of this AD, has exceeded the ALI threshold for the next due inspection:
- Within 30 days after the effective date of this AD at original issue, perform the special detailed inspection of the affected elevators Top and Bottom skin panels and apply the associated corrective actions in accordance with the ALI tasks 552007-01-2, or 552007-01-4 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9.
- (3.2) If the elapsed time, determined as required by paragraph (3) of this AD, has not exceeded the ALI threshold for the next due inspection:
- Before reaching that threshold, or within 30 days after the effective date of this AD at original issue, whichever occurs later, perform the special detailed inspection of the affected elevators Top and Bottom skin panels and apply the associated corrective actions in accordance with the ALI tasks 552007-01-2, or 552007-01-4 requirements defined in Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9.
- (3.3) Accomplishment of corrective actions as required by paragraph (3.1) or (3.2) of this AD, as applicable, does not constitute terminating action for the repetitive inspections of Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9.
- (4) Aeroplanes on which the LH and RH elevators installed P/N have already been physically identified and that can be demonstrated from data records to be compliant with Airbus ALI Document reference AI/SE-M4/95A.0252/96 at issue 9 requirements, provided those records can be relied upon for that purpose, are not concerned by the requirements of the paragraphs (1), (2) and (3) of this AD.
- (5) Aeroplanes that have been delivered with Airbus ALI Document reference AI/SE-M4/95A.0252/96 from issue 9, and on which no movement (from one aeroplane to another) of the LH or RH elevators has been accomplished since aeroplane delivery, are not affected by the requirements of paragraphs (1), (2) and (3) of this AD.
- (6) After the effective date of this AD at original issue, in case of elevator movements between aeroplanes, comply with the statement in the Section Rules for Compliance Demonstration, either in paragraph F of the ALI Document reference AI/SE-M4/95A.0252/96 at Issue 10, or in sub paragraph 10 of Chapter 1.11 of ALI Document reference AI/SE-M4/95A.0252/96 at Issue 9, as applicable.
- (7) After the effective date of this AD at original issue, do not install any elevator listed in Tables 1 and 2 of this AD on an aeroplane, unless it is in compliance with the requirements of this AD.

Ref. Publications:	Airbus A318/A319/A320/A321 ALI Document issue 09, reference AI/SE-AI/SE-M4/95A.0252/96 approved by EASA on 21 May 2007. Airbus Service Bulletin A320-55A1040 at original issue. Airbus Service Bulletin A320-55-1024 at original issue or Revision 01. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification 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 – EAS, Fax +33 5 61 93 44 51; E-mail: mailto:account.airworth-eas@airbus.com.