


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 14-013</p> <p>Date: 17 January 2014</p> <p>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.</p>
<p>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.</p>	
Design Approval Holder's Name: AIRBUS	Type/Model designation(s): A320 aeroplanes
TCDS Number:	EASA.A.064
Foreign AD:	Not applicable
Supersedure:	This AD supersedes DGAC France AD 95-098-066 dated 24 May 1995.
ATA 57	Wing – Center Wing / Lower Ribs at Frame 36 Junction – Inspection / Repair
Manufacturer(s):	Airbus (Formerly Airbus Industrie)
Applicability:	Airbus A320-211 and A320-231 aeroplanes, all manufacturer serial numbers (MSN) up to MSN 0084 inclusive.
Reason:	<p>During full scale fatigue tests on the Airbus A320 test specimen, cracks have been found in the rib flange on the front spar side perpendicular to vertical posts at frame 36. It was determined that similar cracks could develop on certain in-service aeroplanes.</p> <p>This condition, if not corrected, could affect the wing structural integrity.</p> <p>Airbus developed modification 20908, consisting in installing reinforced lower surface rib flanges at front spar level, and modification 20976, consisting in installing shims under the fasteners linking the rib flange, the lower corner, the front spar and its vertical stiffener. Both modifications were embodied in production from MSN 0085, aiming to reduce the risk of crack initiation. Airbus issued Service Bulletin (SB) A320-57-1013 for affected in-service aeroplanes, and DGAC France issued AD 95-098-066 to require those modifications.</p> <p>Following a recent analysis, Airbus have identified the need for repetitive inspections for aeroplanes on which Airbus SB A320-57-1013 or production modification 20976 has been embodied.</p> <p>For the reason described above, this AD retains the requirements of DGAC France AD 95-098-066, which is superseded, and requires repetitive inspections of the center wing lower ribs at frame 36 and, depending on findings, accomplishment of a repair.</p>
Effective Date:	[TBD: 14 days after final AD issue date]

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Restatement of requirements of DGAC France AD 95-098-066:</p> <p>(1) For aeroplanes with MSN 005 to 008 inclusive, MSN 010 to 014 inclusive, and MSN 016 to 042 inclusive, before accumulating 16 000 flight cycles (FC) since aeroplane first flight, reinforce the pressure floor fittings in accordance with the instructions of Airbus SB A320-57-1013.</p> <p>New requirements of this AD:</p> <p>(2) For all aeroplanes to which this AD applies: Within the compliance time defined in Table 1 of this AD, as applicable to aeroplane configuration, and, thereafter, at intervals not to exceed 32 500 FC or 65 000 flight hours (FH), whichever occurs first, accomplish a special detail inspection (SDI) of the radius of the rib flanges and a rototest inspection of the holes in the rib flanges on front spar side in accordance with the instructions of Airbus SB A320-57-1175.</p> <p style="text-align: center;">Table 1 Inspection threshold</p> <table><tr><th>Aeroplane configuration</th><th colspan="2">Compliance time (whichever occurs later, A or B)</th></tr><tr><td rowspan="2">Modification 20976 has been embodied, but Modification 20908 has not been embodied</td><td>A</td><td>Before exceeding 47 800 FC or 95 600 FH, whichever occurs first since aeroplane first flight</td></tr><tr><td>B</td><td>Within 850 FC or 1 700 FH, whichever occurs first after the effective date of this AD</td></tr><tr><td rowspan="2">Airbus SB A320-57-1013 (at any revision) has been embodied</td><td>A</td><td>Before exceeding 10 700 FC or 21 500 FH, whichever occurs first after Airbus SB A320-57-1013 embodiment</td></tr><tr><td>B</td><td>Within 850 FC or 1 700 FH, whichever occurs first after the effective date of this AD</td></tr></table> <p>(3) If, during any SDI as required by paragraph (2) of this AD, damage is found, before next flight, contact Airbus for approved repair instructions and within the compliance time(s) specified in these instructions, accomplish the repair, including any follow-on actions, as applicable, accordingly.</p>	Aeroplane configuration	Compliance time (whichever occurs later, A or B)		Modification 20976 has been embodied, but Modification 20908 has not been embodied	A	Before exceeding 47 800 FC or 95 600 FH, whichever occurs first since aeroplane first flight	B	Within 850 FC or 1 700 FH, whichever occurs first after the effective date of this AD	Airbus SB A320-57-1013 (at any revision) has been embodied	A	Before exceeding 10 700 FC or 21 500 FH, whichever occurs first after Airbus SB A320-57-1013 embodiment	B	Within 850 FC or 1 700 FH, whichever occurs first after the effective date of this AD
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Ref. Publications:	<p>Airbus SB A320-57-1013 original issue dated 12 April 1989, or Revision 01 dated 29 September 1992</p> <p>Airbus SB A320-57-1175 original issue dated 24 October 2013</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>													
Remarks:	<p>1. This Proposed AD will be closed for consultation on 14 February 2014.</p> <p>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu.</p> <p>3. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – Airworthiness Office – EIAS; Fax +33 5 61 93 44 51; E-mail: account.airworth-eas@airbus.com.</p>													