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| <b>EASA</b>   | <b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>   |                                      |
|    | <p><b>PAD No.: 13-115R1</b></p> <p><b>Date: 12 September 2013</b></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> |   |                                      |
| <b>Design Approval Holder's Name:</b>   |   | <b>Type/Model designation(s):</b>    |
| AIRBUS  |   | A318, A319, A320 and A321 aeroplanes |
| TCDS Number:  | EASA.A.064  |                                      |
| Foreign AD:   | Not applicable  |                                      |
| Supersedure:  | None  |                                      |
| <b>ATA 35</b>   |   |                                      |
| <b>Oxygen – Crew Oxygen / Oxygen Pipe Corrosion – Inspection</b>  |   |                                      |
| 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 aeroplanes, all manufacturer serial numbers (MSN).   |                                      |
| Reason:   | <p>Some oxygen pipe assemblies, Part Number (P/N) D3511032000640, have been found corroded during manufacturing at supplier level. The affected pipe assembly is installed at the end of the Right Hand (RH) crew distribution line, just upstream of the First Officer and RH Observer oxygen mask boxes. The investigation showed that the affected pipes had been heat treated just 4 weeks before the summer factory closure and were only cleaned after re-opening of the factory. During this interruption, corrosion developed in these pipes.</p> <p>This condition, if not detected and corrected, could lead to blocked or reduced oxygen supply to one flight crew member in case of decompression or smoke/fire in the cockpit. In addition, the presence of particles in oxygen lines, under certain conditions, increases the risk of fire in the cockpit.</p> <p>The parts manufacturer identified the batch numbers of the potentially affected pipes. Based on that information, Airbus has identified the aeroplanes on which those pipes have been installed on the production line and has issued Service Bulletin (SB) A320-35-1069, containing instructions to remove the affected pipes from service.</p> <p>For the reasons described above, this AD requires the identification of the</p> |                                      |

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|  | <p>affected oxygen pipes P/N D3511032000640, and for those included in the affected batches, replacement of the oxygen pipe. This AD also prohibits installation of any of the affected pipes on other aeroplanes.</p> <p>The PAD has been revised to address the possibility that an affected crew oxygen pipe may have become installed on another aeroplane, MSN not listed in Airbus SB A320-35-1069. Consequently, this PAD is re-published for additional consultation.</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> <ol style="list-style-type: none"> <li>(1) Within 7 500 flight hours or 26 months, whichever occurs first after the effective date of this AD, accomplish the following actions, in accordance with the instructions of Airbus SB A320-35-1069. <ol style="list-style-type: none"> <li>(1.1) Inspect the crew oxygen pipe P/N D3511032000640 to identify the batch number.</li> <li>(1.2) If the batch number of the oxygen pipe is 40649383, 40724994, 40820410, 40911832, 19356252, 40008586, 40076689 or 40187414, replace the oxygen pipe with a serviceable part.</li> </ol> </li> <li>(2) An aeroplane that has an MSN not identified in Airbus SB A320-35-1069 is not affected by the requirements of paragraph (1) of this AD, provided it has been determined that no replacement crew oxygen pipe P/N D3511032000640 has been installed on that aeroplane since delivery to its first customer.</li> <li>(3) A review of the aeroplane maintenance records is acceptable in lieu of the inspection required by paragraph (1.1) of this AD, or to make the determination as specified in paragraph (2) of this AD, as applicable, provided those records can be relied upon for that purpose and the crew oxygen pipe P/N and batch number can be conclusively identified from that review.</li> <li>(4) From the effective date of this AD, do not install on any aeroplane a crew oxygen pipe P/N D3511032000640, belonging to batch number 40649383, 40724994, 40820410, 40911832, 19356252, 40008586, 40076689, or 40187414.</li> </ol> |
| Ref. Publications:                         | <p>Airbus SB A320-35-1069 original issue, dated 26 April 2013.</p> <p>The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.</p>  |
| Remarks:                                   | <ol style="list-style-type: none"> <li>1. This Proposed AD will be closed for consultation on 26 September 2013.</li> <li>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</li> <li>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: <a href="mailto:account.airworth-eas@airbus.com">account.airworth-eas@airbus.com</a>.</li> </ol>  |