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| <b>EASA</b>  | <b>NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE</b>   |
|   | <p><b>PAD No.: 15-126</b></p> <p><b>Date: 28 September 2015</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.<br/>         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><br>AIRBUS  | <b>Type/Model designation(s):</b><br>A318, A319, A320, and A321 aeroplanes  |
| TCDS Number: EASA.A.064  |   |
| Foreign AD: Not applicable   |   |
| Supersedure: None  |   |
| <b>ATA 53</b>  | <b>Fuselage – Cabin / Cargo Compartment Parts – Inspection / Replacement [Wrong Material]</b>   |
| Manufacturer(s): Airbus (formerly Airbus Industrie)  |   |
| Applicability:   | Airbus A318-112, A319-111, A319-112, A319-115, A319-132, A319-133, A320-214, A320-216, A320-232, A320-233, A321-211, A321-212, A321-213, A321-231 and A321-232 aeroplanes, manufacturer serial numbers (MSN) 3586, 3588, 3589, 3590, 3595, 3604, 3608, 3614, 3615, 3620, 3632, 3634, 3638, 3647, 3651, 3657, 3660, 3661, 3663, 3671, 3675, 3680, 3683 to 3687 inclusive, 3689, 3691, 3694, 3700, 3702, 3704, 3705, 3710, 3720, 3727, 3728, 3733, 3735, 3742, 3744, 3746, 3754, 3757, 3759, 3763, 3768, 3770, 3772, 3774, 3775, 3779, 3788, 3790, 3794, 3797, 3799, 3801, 3803, 3808, 3810, 3818, 3822, 3824, 3826 to 4329 inclusive, 4331 to 6051 inclusive, 6053 to 6061 inclusive, 6063 to 6072 inclusive, 6074 to 6100 inclusive, 6102 to 6115 inclusive, 6117 to 6126 inclusive, 6128 to 6136 inclusive, 6138 to 6143 inclusive, 6145 to 6150 inclusive, 6152 to 6159 inclusive, 6161 and 6162. |
| Reason:  | <p>Following an Airbus quality control review on the final assembly line, it was discovered that wrong aluminium alloy were delivered by a supplier for several structural parts. The results of the investigations highlighted that 0.04% of the stock could be impacted by this wrong material. Structural investigations demonstrated the capability to sustain the static limits loads, and sufficient fatigue life up to a certain inspection threshold.</p> <p>This condition, if not detected and corrected, could reduce the structural integrity of the aeroplane.</p> <p>To address this potential unsafe condition, Airbus issued Service Bulletin (SB)</p>  |

|  | A320-53-1298 and SB A320-53-1299 to provide inspection instructions.<br><br>For the reasons described above, this AD requires a one-time Special Detailed Inspection (SDI) of certain cabin and cargo compartment parts for material identification and, depending on findings, replacement with serviceable parts.  |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
|--|--|--------------|----------------------------|------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 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>Within 6 years after the effective date of this AD, or within 12 years after the aeroplane date of manufacture, whichever occurs first, accomplish the actions as specified in paragraph (1) and (2) of this AD.</p> <p>(1) Accomplish an SDI of the cabin and cargo compartment parts, listed by Part Number (P/N) and identified as 'Affected P/N' in Table 1 of this AD, in accordance with the instructions of Airbus SB A320-53-1298 and SB A320-53-1299, as applicable to aeroplane MSN according to appendix 3 of each SB.</p> <p>(2) If, during an inspection as required by paragraph (1) of this AD, a part with wrong material is detected, replace the part with a part identified as 'Acceptable Replacement P/N' in Table 1 of this AD in accordance with the instructions of Airbus SB A320-53-1298 or A320-53-1299 as applicable.</p> <p>Table 1 – Parts to be Inspected / Installed</p> <table><tr><th>Affected P/N</th><th>Acceptable Replacement P/N</th><th>AREA</th></tr><tr><td>D5347120720000</td><td>D5347120720051</td><td rowspan="5">cabin</td></tr><tr><td>D5347120720100</td><td>D5347120720151</td></tr><tr><td>D5347120920000</td><td>D5347120920051</td></tr><tr><td>D5347120920100</td><td>D5347120920151</td></tr><tr><td>D5347118820400</td><td>D5347118820451</td></tr><tr><td>D5347717620000</td><td>D5347717620051</td><td rowspan="6">cargo</td></tr><tr><td>D5357020620000</td><td>D5357020620051</td></tr><tr><td>D5358526421200</td><td>D5358526421251</td></tr><tr><td>D5358526421400</td><td>D5358526421400</td></tr><tr><td>D5358526421000</td><td>D5358526421051</td></tr><tr><td>D5358513120001</td><td>D5358513120051</td></tr></table> | Affected P/N | Acceptable Replacement P/N | AREA | D5347120720000 | D5347120720051 | cabin | D5347120720100 | D5347120720151 | D5347120920000 | D5347120920051 | D5347120920100 | D5347120920151 | D5347118820400 | D5347118820451 | D5347717620000 | D5347717620051 | cargo | D5357020620000 | D5357020620051 | D5358526421200 | D5358526421251 | D5358526421400 | D5358526421400 | D5358526421000 | D5358526421051 | D5358513120001 | D5358513120051 |
| Affected P/N                               | Acceptable Replacement P/N   | AREA         |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347120720000                             | D5347120720051   | cabin        |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347120720100                             | D5347120720151   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347120920000                             | D5347120920051   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347120920100                             | D5347120920151   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347118820400                             | D5347118820451   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5347717620000                             | D5347717620051   | cargo        |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5357020620000                             | D5357020620051   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5358526421200                             | D5358526421251   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5358526421400                             | D5358526421400   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5358526421000                             | D5358526421051   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| D5358513120001                             | D5358513120051   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |
| Ref. Publications:                         | <p>Airbus SB A320-53-1298 original issue dated 16 February 2015.</p> <p>Airbus SB A320-53-1299 original issue dated 16 February 2015.</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 26 October 2015.</p> <p>2. Enquiries regarding this PAD should be referred to the Safety Information Section, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a>.</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: <a href="mailto:account.airworth-eas@airbus.com">account.airworth-eas@airbus.com</a>.</p>   |              |                            |      |                |                |       |                |                |                |                |                |                |                |                |                |                |       |                |                |                |                |                |                |                |                |                |                |