Aeronáutica S.A., Phenom Maintenance Support, Av. Brig. Faria Lima, 2170, Sao Jose dos Campos—SP, CEP: 12227–901—PO Box: 36/2, Brasil; telephone: +55 12 3927–5383; fax: +55 12 3927–2619; E-mail: phenom.reliability@embraer.com.br; Internet: http://www.embraer.com.br. You may review copies of the referenced service information at the FAA, Small Airplane Directorate, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call 816–329–4148.

Issued in Kansas City, Missouri, on May 4, 2011.

Earl Lawrence,
Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2011–11334 Filed 5–9–11; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64


AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for the products listed above that would supersede an existing AD. This proposed AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

* * * [Cracks * * * * in sections 13 to 18 of the fuselage between rivets of longitudinal lap joints between frames 18 and 80 which could affect the structural integrity of the fuselage if not corrected.]

* * * * * 

The proposed AD would require actions that are intended to address the unsafe condition described in the MCAI.

DATES: We must receive comments on this proposed AD by June 24, 2011.

ADDRESSES: You may send comments by any of the following methods:

• Federal eRulemaking Portal: Go to http://www.regulations.gov. Follow the instructions for submitting comments.
• Fax: (202) 493–2251.


Hand Delivery: U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–40, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Airbus SAS—EAW (Airworthiness Office), 1 Rond Point Maurice Bellonte, 31707 Blagnac Cedex, France; telephone +33 5 61 93 36 96; fax +33 5 61 93 44 51; e-mail: account.airworth-eas@airbus.com; Internet http://www.airbus.com. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington. For information on the availability of this material at the FAA, call 425–227–1221.

Examine the AD Docket

You may examine the AD docket on the Internet at http://www.regulations.gov; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (telephone (800) 647–5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.


SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA–2011–0389; Directorate Identifier 2007–NM–189–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

On December 20, 1989, we issued AD 90–01–10, Amendment 39–6448 (55 FR 261, January 4, 1990). That AD required actions intended to address an unsafe condition on the products listed above.

Since we issued AD 90–01–10, Airbus has refined the inspection program for cracking at areas of the fuselage defined in AD 90–01–10 as “special areas” (paragraph A.1. of AD 90–01–10), “standard areas” (paragraph A.2. of AD 90–01–10), and “modified or repaired areas” (paragraph A.3. of AD 90–01–10). The new inspection program is designed to allow airplanes to reach their limit of validity (LOV). Certain compliance times are reduced and certain other compliance times are extended.

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2007–0091, dated April 10, 2007, and corrected June 23, 2008 (referred to after this as “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

This Airworthiness Directive (AD) is issued in order to prevent cracks development in sections 13 to 18 of the fuselage between rivets of longitudinal lap joints between frames 18 and 80 which could affect the structural integrity of the fuselage if not corrected.

This new AD:

• Retains the requirements of DGAC AD 1989–061–092[B]R4 [which corresponds to FAA AD 90–01–10], which is cancelled;
• Takes into account a new inspection program as detailed in AIRBUS Service Bulletins (SB) A300–53–0211 Revision 7, which will allow A300 aircraft to reach the Limit of Validity (LOV).

This AD has been republished to correctly refer to SB A300–53–0211 in Note 2 of the Compliance section.

The inspection program consists of repetitive detailed inspections for disbonding and cracking of the fuselage inner doubler; eddy current and ultrasonic inspections of the fuselage longitudinal lap joints for cracking; and repair if necessary (i.e., repairing any cracking or disbonding, or contacting Airbus for repair instructions and doing the repair). You may obtain further information by examining the MCAI in the AD docket.

Relevant Service Information

Airbus has issued Service Bulletin A300–53–229, Revision 5, dated April 8,
Authority for This Rulemaking

We are issuing this rulemaking under Title 49 of the United States Code section 106, describes the authority of the FAA Administrator.

FAA’s Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

Differences Between This AD and the MCAI or Service Information

We have reviewed the MCAI and related service information and, in general, agree with their substance. But we might have found it necessary to use different words from those in the MCAI to ensure the AD is clear for U.S. operators and is enforceable. In making these changes, we do not intend to differ substantively from the information provided in the MCAI and related service information.

We might also have proposed different actions in this AD from those in the MCAI in order to follow FAA policies. Any such differences are highlighted in a Note within the proposed AD.

Costs of Compliance

Based on the service information, we estimate that this proposed AD would affect about 5 products of U.S. registry.

We estimate that it would take about 3,735 work-hours per product to comply with the new basic requirements of this proposed AD. The average labor rate is $85 per work-hour. Based on these figures, we estimate the cost of the proposed AD on U.S. operators to be $1,587,375, or $317,475 per product.

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. “Subtitle VII: Aviation Programs,” describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in “Subtitle VII, Part A, Subpart III, Section 44701; General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would not have a substantial direct effect on the States, on the relationship between the national Government and the States, or on the distribution of power and responsibilities among the various levels of government.

For the reasons discussed above, I certify this proposed regulation:

1. Is not a “significant regulatory action” under Executive Order 12866;
2. Is not a “significant rule” under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

We prepared a regulatory evaluation of the estimated costs to comply with this proposed AD and placed it in the AD docket.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 14 CFR part 39 as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§39.13 [Amended]

2. The FAA amends §39.13 by removing Amendment 39–6448 (55 FR 261, January 4, 1990) and adding the following new AD:


Comments Due Date

(a) We must receive comments by June 24, 2011.

Affected ADs

(b) This AD supersedes AD 90–01–10, Amendment 39–6448.

Applicability

(c) This AD applies to Airbus Model A300 B2–1C, A300 B2–203, A300 B2K–3C, A300– B4–103, A300 B4–203, and A300 B4–2C airplanes; certificated in any category; serial numbers 0003 through 0156 inclusive.

Subject

(d) Air Transport Association (ATA) of America Code 53: Fuselage.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states: This Airworthiness Directive (AD) is issued in order to prevent cracks development in sections 13 to 18 of the fuselage between rivets of longitudinal lap joints between frames 18 and 80 which could affect the structural integrity of the fuselage if not corrected.

This new AD:

—Retains the requirements of DGAC AD 1989–061–092(B)[R4] which corresponds to FAA AD 90–10–10, which is cancelled;
— Takes into account a new inspection program as detailed in AIRBUS Service Bulletins (SB) A300–53–0211 Revision 7, which will allow A300 aircraft to reach the Limit of Validity (LOV).

This AD has been republished to correctly refer to SB A300–53–0211 in Note 2 of the Compliance section.

The inspection program consists of repetitive detailed inspections for disbonds and cracking of the fuselage inner doubler; eddy current and ultrasonic inspections of the fuselage longitudinal lap joints for cracking; and repair if necessary (i.e., repairing any cracking or disbonding, or contacting Airbus for repair instructions and doing the repair).

Compliance

(f) You are responsible for having the actions required by this AD performed within the compliance times specified, unless the actions have already been done.

Repetitive Inspections of “Special Areas” and Repair or Modification if Necessary

(g) For airplanes on which an eddy current inspection of the “special” areas of the longitudinal lap joints has not been done as of the effective date of this AD in accordance with Airbus Mandatory Service Bulletin A300–53–0211: Prior to the accumulation of 24,000 total flight cycles, or within 2,000 flight cycles after the effective date of this AD, whichever occurs later; do an eddy current inspection for cracking of the “special” areas of the longitudinal lap joints, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006. If no cracking is found, repeat the inspection thereafter at the applicable intervals specified in Table 1 of this AD. If any crack is found during any inspection required by this paragraph, repair or modify before further flight, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–
For airplanes— Before the accumulation of— Inspect standard area— Repeat at intervals not to exceed—

All .............................................. 32,000 total flight cycles ..................... STGR5 LH and RH (FR45 through FR58) ............... 3,600 flight cycles
All .............................................. 32,000 total flight cycles ..................... STGR22 LH and RH (FR26 through FR40) .......... 2,700 flight cycles
All .............................................. 32,000 total flight cycles ..................... STGR22 RH (FR58 through FR65) ...................... 3,000 flight cycles
All .............................................. 32,000 total flight cycles ..................... STGR31 LH/RH (FR26 through FR39) ................. 3,000 flight cycles
All .............................................. 32,000 total flight cycles ..................... STGR31 LH/RH (FR54 through FR58) ........... 3,600 flight cycles

(h) For airplanes on which an eddy current inspection of the “special” areas of the longitudinal lap joints has been done before the effective date of this AD in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, except for airplanes on which a repair or modification of the “special” areas has been done in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211:

Do the next inspection of the “special” areas of the longitudinal lap joints at the earlier of the times specified in paragraphs (h)(1) and (h)(2) of this AD, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006. If no cracking is found, repeat the inspection thereafter at the applicable intervals specified in Table 2 of this AD. If any crack is found during any inspection required by this paragraph, repair or modify before further flight, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006.

(1) Within 6,000 flight cycles after doing the last inspection of the “special” areas of the longitudinal lap joints, in accordance with Airbus Mandatory Service Bulletin A300–53–0211.

(2) Within the applicable intervals specified in Table 2 of this AD, or within 60 days after the effective date of this AD, whichever occurs later.

TABLE 2—REPETITIVE INTERVALS FOR INSPECTING SPECIAL AREAS OF THE LONGITUDINAL LAP JOINTS

<table>
<thead>
<tr>
<th>For airplanes—</th>
<th>Inspect special area—</th>
<th>Repeat at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ..................</td>
<td>STGR5 LH and RH (FR54 through FR58)</td>
<td>3,600 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>STGR22 LH and RH (FR26 through FR40)</td>
<td>2,700 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>STGR22 RH (FR58 through FR65)</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>STGR31 LH/RH (FR26 through FR39)</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>STGR31 LH/RH (FR54 through FR58)</td>
<td>3,600 flight cycles</td>
</tr>
<tr>
<td>MSN 003 .............</td>
<td>STGR31 LH/RH (FR54 through FR58)</td>
<td>3,600 flight cycles</td>
</tr>
</tbody>
</table>

Repetitive Inspections of “Standard Areas” and Repair or Modification If Necessary

(i) For airplanes on which an eddy current inspection of the “standard” areas of the longitudinal lap joints has not been done before the effective date of this AD in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211: At the applicable time specified in Tables 3 and 4 of this AD, do an eddy current inspection for cracking of the longitudinal lap joints in the “standard” areas, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006. Repeat the inspection thereafter at the applicable intervals specified in Tables 3 and 4 of this AD. If any crack is found during any inspection required by this paragraph, repair or modify before further flight, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006, and do the applicable inspection of the applicable area specified in Tables 3 and 4 of this AD. “Standard” areas of the longitudinal lap joints are defined in Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006.

TABLE 3—INITIAL COMPLIANCE TIMES AND REPETITIVE INTERVALS FOR INSPECTING STANDARD AREAS OF THE LONGITUDINAL LAP JOINTS

<table>
<thead>
<tr>
<th>For airplanes—</th>
<th>Before the accumulation of—</th>
<th>Inspect standard area—</th>
<th>Repeat at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ..................</td>
<td>32,000 total flight cycles ..</td>
<td>STGR5, 13, 22 LH and RH, STGR31 LH (FR18 through FR26).</td>
<td>3,600 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>32,000 total flight cycles ..</td>
<td>STGR27 RH, STGR39 RH (FR18 through FR20A, FR25A, FR26).</td>
<td>8,000 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>32,000 total flight cycles ..</td>
<td>STGR43 LH, STGR46 LH, STGR51 LH (FR19 through FR26).</td>
<td>5,700 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>32,000 total flight cycles ..</td>
<td>STGR5 LH/RH (FR26 through FR40).</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ..................</td>
<td>32,000 total flight cycles ..</td>
<td>STGR47 LH (FR26 through FR39)</td>
<td>5,700</td>
</tr>
</tbody>
</table>
TABLE 3—INITIAL COMPLIANCE TIMES AND REPETITIVE INTERVALS FOR INSPECTING STANDARD AREAS OF THE LONGITUDINAL LAP JOINTS—Continued

<table>
<thead>
<tr>
<th>For airplanes—</th>
<th>Before the accumulation of—</th>
<th>Inspect standard area—</th>
<th>Repeat at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ...............</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR5, 13, 22 LH/RH (FR40 through FR54).</td>
<td>5,000</td>
</tr>
</tbody>
</table>

(j) For airplanes on which an eddy current inspection of the “standard” areas of the longitudinal lap joints has been done as of the effective date of this AD in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211; except for airplanes on which a repair or modification of the “standard” areas has been done in accordance with Airbus Mandatory Service Bulletin A300–53–0211: Do the next inspection of the “standard” areas of the longitudinal lap joints at the earlier of the times specified in paragraphs (j)(1) and (j)(2) of this AD, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006. Thereafter, if no cracking is found, repeat the inspection at the applicable intervals specified in Tables 3 and 4 of this AD. If any crack is found during any inspection required by this paragraph, repair or modify before further flight, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006, and do the applicable inspection of the repaired or modified area in accordance with paragraph (k) of this AD. “Standard” areas of the longitudinal lap joints are defined in Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006.

TABLE 4—INITIAL COMPLIANCE TIMES AND REPETITIVE INTERVALS FOR INSPECTING ADDITIONAL STANDARD AREAS OF THE LONGITUDINAL LAP JOINTS

<table>
<thead>
<tr>
<th>For airplanes—</th>
<th>Before the accumulation of—</th>
<th>Inspect standard area—</th>
<th>Repeat at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Mod 1398 ...</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR5, 13 LH/RH 22 LH (FR58 through FR65) STGR31 LH (FR58 through FR72) STGR31 RH (FR65 through FR72).</td>
<td>2,700 flight cycles</td>
</tr>
<tr>
<td>All ...............</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR27 RH, STGR39 RH (FR58, FR59A, FR63A through FR65). STGR5, 13 LH/RH 22 LH (FR58 through FR65) STGR31 LH (FR58 through FR72) STGR31 RH (FR65 through FR72).</td>
<td>8,000 flight cycles</td>
</tr>
<tr>
<td>Post-Mod 1398 ...</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR5, 13 LH/RH 22 LH (FR58 through FR65) STGR31 LH (FR58 through FR72) STGR31 RH (FR65 through FR72).</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>Pre-Mod 1398 ...</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR5, 13, 22 LH/RH (FR65 through FR72).</td>
<td>2,300 flight cycles</td>
</tr>
<tr>
<td>Post-Mod 1398 ...</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR5, 13, 22 LH/RH (FR65 through FR72).</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ...............</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR44 LH (FR58 through FR72) STGR52 LH/RH (FR58 through FR65) STGR47 LH (FR58 through FR72) STGR57 LH (FR65 through FR72).</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ...............</td>
<td>24,000 total flight cycles ..........</td>
<td>STGR22 RH (FR58 through FR65) STGR6 LH/RH (FR72 through FR80) STGR24 LH/RH (FR76 through FR80).</td>
<td>3,000 flight cycles</td>
</tr>
<tr>
<td>All ...............</td>
<td>32,000 total flight cycles ..........</td>
<td>STGR6 LH/RH (FR72 through FR80) STGR24 LH/RH (FR76 through FR80).</td>
<td>3,000 flight cycles</td>
</tr>
</tbody>
</table>

(1) Within the applicable time in paragraph (j)(1)(i) or (j)(1)(ii) of this AD after doing the last inspection of the “standard” areas of the longitudinal lap joints in accordance with Airbus Mandatory Service Bulletin A300–53–0211: (i) For longitudinal lap joints with bonded doublers: 6,000 flight cycles. (ii) For longitudinal lap joints without bonded doublers: 8,000 flight cycles.

(2) Within the applicable time specified in Tables 3 or 4 of this AD, or within 60 days after the effective date of this AD, whichever occurs later.

Post-Repair or Modification Inspections and Repair or Modification if Necessary

(k) For airplanes on which a repair or modification has been done in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211: At the applicable initial inspection time specified in Table 5 of this AD, do an eddy current inspection for cracking of the repaired or modified areas, in accordance with the Accomplishment Instructions of Airbus Mandatory Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006. If no cracking is found, repeat the inspection thereafter at the applicable intervals specified.
in Table 5 of this AD. If any crack is found during any inspection required by this paragraph, repair or modify before further flight, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A300–53–0211, Revision 07, dated December 1, 2006.

**TABLE 5—POST-REPAIR OR MODIFICATION COMPLIANCE TIME**

<table>
<thead>
<tr>
<th>Repair or retrofit solution/area—as identified in airbus mandatory service bulletin A300–53–0211</th>
<th>Initial inspection after repair or retrofit—</th>
<th>Follow-up inspections at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair 1: (Without cut out) also applicable to the solution with removed inner doubler.</td>
<td>Skin/doubler thickness</td>
<td>1,000 flight cycles.</td>
</tr>
<tr>
<td>Repair 4 (With cut out)</td>
<td>1 inch: 10,000 flight cycles after repair</td>
<td>2,000 flight cycles.</td>
</tr>
<tr>
<td>Repair 4A (With cut out)</td>
<td>≥ 1 inch: 30,000 flight cycles after repair</td>
<td>6,400 flight cycles.</td>
</tr>
<tr>
<td>Repair 7 (MSN 0095 at STGR52 LH in Section 16)</td>
<td>Within 32,000 flight cycles after repair</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Repair 9 (MSN 0073 and 0095 STGR44 LH/RH in Sections 16 and 17)</td>
<td>Within 24,000 flight cycles after repair</td>
<td>5,300 flight cycles.</td>
</tr>
<tr>
<td>Repair 10 (Post-repair inspections in Figure 13)</td>
<td>Within 37,000 flight cycles after repair</td>
<td>12,000 flight cycles.</td>
</tr>
<tr>
<td>Repair 2 (With cut out)</td>
<td>Within 36,000 flight cycles after repair</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Repair 3 (Without cut out)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retrofit 1 (Retrofit lap joint)</td>
<td>Within 20,000 flight cycles after repair</td>
<td>11,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 2 Retrofit lower shell (4 panel solution) STGR43 LH (FR26 through FR39), STGR43 RH (FR26 through FR38), and STGR49 RH (FR26 through FR38).</td>
<td>Within 24,000 flight cycles after repair</td>
<td>5,300 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 2 Retrofit lower shell (4 panel solution) STGR 46 RH (FR19 through FR26), and STGR47 LH (FR26 through FR39), and STGR51 LH (FR19 through FR26).</td>
<td>Within 24,000 flight cycles after repair</td>
<td>5,300 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 3 Retrofit lower shell (3 panel solution) STGR43 LH (FR26 through FR39), and STGR43 RH (FR26 through FR38).</td>
<td>Within 32,000 flight cycles after retrofit</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 3 Retrofit lower shell (3 panel solution) STGR46 LH (FR19 through FR26), and STG51 LH (FR19 through FR26), and STGR 54 LH (FR26 through FR39).</td>
<td>Within 32,000 flight cycles after retrofit</td>
<td>3,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 3A (STGR43 LH/RH between FR37 and FR39 in Section 14).</td>
<td>Within 32,000 flight cycles after retrofit</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 4 (Retrofit lap joint without cut out)</td>
<td>Within 42,000 flight cycles after retrofit</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 5 (Retrofit lap joint)</td>
<td>Within 42,000 flight cycles after retrofit</td>
<td>5,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 6 (Retrofit lap joint)</td>
<td>Within 34,000 flight cycles after retrofit</td>
<td>12,000 flight cycles.</td>
</tr>
<tr>
<td>Retrofit 7 (Retrofit lap joint)</td>
<td>Within 47,600 flight cycles after retrofit</td>
<td>5,400 flight cycles.</td>
</tr>
</tbody>
</table>

**Fuselage Inner Doubler Inspections and Repair if Necessary**

(i) For airplanes on which any inspections of the fuselage bonded inner doublers of the longitudinal lap joints in Sections 13 through 18 (except Sections 16 and 17 at Stringer 31 left-hand and right-hand) for disbonding and cracking have not been done as of the effective date of this AD in accordance with Airbus Service Bulletin A300–53–229: Prior to the accumulation of 24,000 total flight cycles or within 15 years since new, whichever occurs first; or within 60 days after the effective date of this AD: whichever occurs later, do a detailed inspection of the fuselage bonded inner doublers of the longitudinal lap joints in Sections 13 through 18 (except Sections 16 and 17 at Stringer 31 left-hand and right-hand) for disbonding and cracking, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A300–53–229, Revision 5, dated April 8, 1997. If no disbonding and no cracking is found, repeat the inspection thereafter at the applicable intervals specified in Table 6 of this AD.

**TABLE 6—REPETITIVE INTERVALS FOR INSPECTIONS FOR DISBONDING AND CRACKING**

<table>
<thead>
<tr>
<th>For area—</th>
<th>Inspect at intervals not to exceed—</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sections 13 and 14 as specified in Airbus Service Bulletin A300–53–229.</td>
<td>Within 7 years or 12,000 flight cycles after doing the inspection, whichever occurs first.</td>
</tr>
<tr>
<td>Sections 15 through 18 as specified in Airbus Service Bulletin A300–53–229.</td>
<td>Within 8.5 years or 12,000 flight cycles after doing the inspection, whichever occurs first.</td>
</tr>
</tbody>
</table>

(1) If no cracking is found and “minor” disbonding, as defined in Airbus Service Bulletin A300–53–229, is found: Repeat the inspection thereafter at intervals not to exceed 1 year for areas below stringer 22, and at intervals not to exceed 2 years for areas above and including stringer 22.

(2) If no cracking is found and “major” disbonding, as defined in Airbus Service Bulletin A300–53–229, is found: Within 1,000 flight cycles after doing the inspection, repair, in accordance with the Accomplishment Instructions of Airbus Service Bulletin A300–53–229, Revision 5, dated April 8, 1997.

(3) If any cracking is found, repair prior to further flight, in accordance with Airbus Service Bulletin A300–53–229, Revision 5, dated April 8, 1997.

(m) For airplanes on which any inspections of the fuselage bonded inner doublers of the longitudinal lap joints in Sections 13 through 18 (except Sections 16 and 17 at Stringer 31 left-hand and right-hand) for disbonding and cracking have been done as of the effective date of this AD in accordance with Airbus Service Bulletin A300–53–229, except for airplanes on which a repair of that area has been done in accordance with Airbus Service Bulletin A300–53–0211.
Bulbon A300–53–229: At the applicable
time specified in Table 6 of this AD, or
within 60 days after the effective date of this
AD, whichever occurs later, do a detailed
inspection of the fuselage bonded inner
doubles of the longitudinal lap joints in
Sections 13 through 25 (except Sections 16
and 17 at Stringer 31 left-hand and right-
hand) for disbonds and cracking, in
accordance with the Accomplishment
Instructions of Airbus Service Bulletin A300–
53–229, Revision 5, dated April 8, 1997. If no
disbonding is found, repeat the
inspection at the appropriate intervals
specified in Table 6 of this AD.

(1) If no cracking is found and “minor”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found, repeat the
inspection thereafter at intervals not to
exceed 1 year for areas below stringer 22, and
at intervals not to exceed 2 years for areas
above and including stringer 22.

(2) If no cracking is found and “major”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Within
1,000 flight cycles after doing the inspection,
repair, in accordance with the
Accomplishment Instructions of Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(3) Any cracking is found, repair prior to
further flight, in accordance with Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(4) For airplanes on which any inspections
of the fuselage bonded inner doubles of the
longitudinal lap joints in Sections 16 and 17
at Stringer 31 left-hand and right-hand for
disbonding and cracking have not been done
as of the effective date of this AD in
accordance with Airbus Service Bulletin
A300–53–229: Prior to the accumulation
of 24,000 total flight cycles or within 12 years
since new, whichever occurs first; or within
60 days after the effective date of this AD;
whichever occurs later, do a detailed
inspection of the fuselage bonded inner
double of the longitudinal lap joints in
Sections 16 and 17 at Stringer 31 left-hand
and right-hand for disbonds and cracking,
in accordance with the Accomplishment
Instructions of Airbus Service Bulletin A300–
53–229, Revision 5, dated April 8, 1997. If no
disbonding and no cracking is found, repeat
the inspection thereafter at intervals not to
exceed 7 years or 12,000 flight cycles,
whichever occurs first.

(1) If no cracking is found and “minor”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Repeat the
inspection thereafter at intervals not to
exceed 1 year for areas below stringer 22, and
at intervals not to exceed 2 years for areas
above and including stringer 22.

(2) If no cracking is found and “major”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Within
1,000 flight cycles after doing the inspection,
repair, in accordance with the
Accomplishment Instructions of Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(3) Any cracking is found, repair prior to
further flight, in accordance with Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(4) For airplanes on which any inspections
of the fuselage bonded inner doubles of the
longitudinal lap joints in Sections 16 and 17
at Stringer 31 left-hand and right-hand for
disbonding and cracking have not been done
as of the effective date of this AD in
accordance with Airbus Service Bulletin
A300–53–229: Prior to the accumulation
of 24,000 total flight cycles or within 12 years
since new, whichever occurs first; or within
60 days after the effective date of this AD;
whichever occurs later, do a detailed
inspection of the fuselage bonded inner
double of the longitudinal lap joints in
Sections 16 and 17 at Stringer 31 left-hand
and right-hand for disbonds and cracking,
in accordance with the Accomplishment
Instructions of Airbus Service Bulletin A300–
53–229, Revision 5, dated April 8, 1997. If no
disbonding and no cracking is found, repeat
the inspection thereafter at intervals not to
exceed 7 years or 12,000 flight cycles,
whichever occurs first.

(1) If no cracking is found and “minor”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Repeat the
inspection thereafter at intervals not to
exceed 1 year for areas below stringer 22, and
at intervals not to exceed 2 years for areas
above and including stringer 22.

(2) If no cracking is found and “major”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Within
1,000 flight cycles after doing the inspection,
repair, in accordance with the
Accomplishment Instructions of Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(3) Any cracking is found, repair prior to
further flight, in accordance with Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(4) For airplanes on which any inspections
of the fuselage bonded inner doubles of the
longitudinal lap joints in Sections 16 and 17
at Stringer 31 left-hand and right-hand for
disbonding and cracking have not been done
as of the effective date of this AD in
accordance with Airbus Service Bulletin
A300–53–229: Prior to the accumulation
of 24,000 total flight cycles or within 12 years
since new, whichever occurs first; or within
60 days after the effective date of this AD;
whichever occurs later, do a detailed
inspection of the fuselage bonded inner
double of the longitudinal lap joints in
Sections 16 and 17 at Stringer 31 left-hand
and right-hand for disbonds and cracking,
in accordance with the Accomplishment
Instructions of Airbus Service Bulletin A300–
53–229, Revision 5, dated April 8, 1997. If no
disbonding and no cracking is found, repeat
the inspection thereafter at intervals not to
exceed 7 years or 12,000 flight cycles,
whichever occurs first.

(1) If no cracking is found and “minor”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Repeat the
inspection thereafter at intervals not to
exceed 1 year for areas below stringer 22, and
at intervals not to exceed 2 years for areas
above and including stringer 22.

(2) If no cracking is found and “major”
disbonding, as defined in Airbus Service
Bulletin A300–53–229, is found: Within
1,000 flight cycles after doing the inspection,
repair, in accordance with the
Accomplishment Instructions of Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.

(3) Any cracking is found, repair prior to
further flight, in accordance with Airbus
Service Bulletin A300–53–229, Revision 5,
dated April 8, 1997.