

| | |
|--|--|
| EASA | EMERGENCY AIRWORTHINESS DIRECTIVE |
|  | <p>AD No.: 2012-0108-E</p> <p>Date: 15 June 2012</p> <p>Note: This Emergency 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.</p> |
| <p>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].</p> | |
| Design Approval Holder's Name: EUROCOPTER | Type/Model designation(s): SA 365, AS 365 helicopters |
| TCDS Number: | France No. 159 |
| Foreign AD: | Not applicable |
| Supersedure: | None |
| ATA 53 | Fuselage – Frame No.9 – Inspection / Repair |
| Manufacturer(s): | Eurocopter (formerly Eurocopter France, Aérospatiale) |
| Applicability: | <p>Applicability: SA 365 N, SA 365 N1, AS 365 N2 and AS 365 N3 helicopters, all serial numbers, if a frame No.9 is installed</p> <ul style="list-style-type: none"> - on which doublers or repairs at the level of the latch support and/or stretcher support have been installed in service in accordance with Eurocopter Alert Service Bulletin (ASB) 53.00.42, or ASB 53.00.43, or - on which doublers or repairs have been installed in production in accordance with drawing 365A094158, or drawing 365A094159, or - in accordance with Mechanical Repair Manual Work Card 53.10.22.772 or Work Card 53.10.22.773. <p>This AD does not apply to helicopters that have been modified in production in accordance with Eurocopter MOD 53C17 or MOD 53D02</p> |
| Reason: | <p>Eurocopter was informed of a crack, which was discovered during the T inspection of an AS365 helicopter, starting from a rivet hole of the doubler installed in the frame No.9 in accordance with the instructions of Eurocopter ASB No. 53.00.42.</p> <p>Structural alteration of the frame No.9 by modifications or repairs can result in fatigue crack initiation under normal operational loads. This condition, if not detected and corrected, could lead to crack propagation and failure of the frame No.9 which would adversely affect the structural integrity of the helicopter.</p> <p>For the reasons described above, this AD requires repetitive inspections of the frame No.9 in the area of the doublers or the repair performed in the area of the</p> |

| | |
|--|--|
| | latch support and stretcher support. |
| Effective Date: | 19 June 2012 |
| Required Action(s) and Compliance Time(s): | <p>Required as indicated, unless accomplished previously:</p> <p>(1) Within 10 Flight Hours (FH) after the effective date of this AD, and thereafter, at intervals not to exceed 110 FH, inspect frame No.9 Right Hand (RH) side and Left Hand (LH) side in accordance with instructions of paragraph 3 of Eurocopter ASB AS365 ASB 05.00.63.</p> <p>(2) If, during an inspection required by paragraph (1) of this AD, a crack is found, before next flight, contact Eurocopter for approved repair instructions and perform those repairs accordingly.</p> <p>A ferry flight not exceeding 10 FH is allowed if the cumulated length of crack(s) does not exceed 80 mm.</p> <p>(3) Repair of a helicopter as required by paragraph (2) of this AD does not constitute terminating action for the repetitive inspection requirements of paragraph (1) of this AD.</p> |
| Ref. Publications: | <p>Eurocopter AS365 ASB 05.00.63 Original issue, dated 06 June 2012</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"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The results of the safety assessment have indicated the need for immediate publication and notification, without the full public consultation process. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail: ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: EUROCOPTER (STDI) – Aéroport de Marseille Provence, 13725 Marignane Cedex, France; telephone +33 (4) 12 85 97 97; facsimile +33 (4) 85 99 66; E-mail: Directive.technical-support@eurocopter.com. |