

Airworthiness Directive Schedule

Aeroplanes

Embraer EMB-500

26 November 2020

- Notes:**
1. This AD schedule is applicable to Embraer EMB-500 aircraft manufactured by Embraer S.A. under Brazilian Agencia Nacional de Aviacao Civil (ANAC) Type Certificate No. EA-2008T09.
 2. ANAC is the National Airworthiness Authority (NAA) responsible for the issue of State of Design Airworthiness Directives (ADs) for these aircraft. State of Design ADs can be obtained directly from the ANAC website at <https://sistemas.anac.gov.br/certificacao/DA/DAE.asp>
 3. The date above indicates the amendment date of this schedule.
 4. New or amended ADs are shown with an asterisk *

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- * 2009-02-04 Flap System – Inspection**
- Applicability:** EMB-500 aircraft fitted with a stall warning computer P/N C100106-1.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
- * 2009-09-01 Elevator Mass Balance Fasteners – Inspection**
- Applicability:** EMB-500 aircraft, all S/N.
- Note:** Embraer SB No. 500-55-0001, original issue, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
- * 2009-10-01R3 ADS Sensors - Inspection**
- Applicability:** EMB-500 aircraft, all S/N.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
- * 2010-07-01 Drain Holes in Control Surfaces – Inspection**
- Applicability:** EMB-500 aircraft, S/N 50000005 through to 50000134, 50000136, 50000137 and 50000139 through to 50000165.
- Note:** Embraer SB No. 500-57-0001, original issue, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
- * 2010-08-01 Cabin Pressurization - Inspection**
- Applicability:** EMB-500 aircraft, S/N 50000005 through to 50000118, 50000120, 50000122 through to 50000126, 50000128 and 50000131.
- Note 1:** Aircraft with S/N 50000119, 50000121, 50000127, 50000129, 50000130, 50000132 and onwards, have an equivalent modification embodied at manufacture.
- Note 2:** Embraer SB No. 500-21-0001, original issue, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020

- * 2010-09-02 **Harness W101 - Inspection****
- Applicability:** EMB-500 aircraft, S/N 50000005 through to 50000105.
- Note:** Embraer SB No. SB 500-24-0002, original issue, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
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- * 2011-05-03 **Angle of Attack (AOA) Sensor – Inspection****
- Applicability:** EMB-500 aircraft, S/N 50000005 through 50000217, 50000219 through 50000221 and 50000226, that are fitted with Angle of Attack (AOA) sensors P/N C-100117-2 and cover plates P/N 500-01702-401 and/or P/N 500-01702-402.
- Note:** Embraer SB 500-27-0006 revision 02, dated 14 January 2011, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
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- * 2014-07-03 **Stabilizer Joint – Inspection****
- Applicability:** EMB-500 aircraft identified in Embraer ASB 500-55-A004, revision 2, dated 25 July 2014.
- Note:** Embraer ASB 500-55-A004, revision 2, dated 25 July 2014, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
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- * 2016-04-02 **Optimized Performance Analyser Software – AFM Revision****
- Applicability:** EMB-500 aircraft, all S/N.
- Note:** Embraer Operational Bulletin (OB) 500-001/16, original issue, dated 7 March 2016, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020

- * 2016-05-01 Passenger Seat Attachment – Inspection**
- Applicability:** EMB-500 aircraft identified in Embraer SB 500-25-0016 original issue, dated 8 December 2015.
- Note:** Embraer SB 500-25-0016, original issue, dated 8 December 2015, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
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- * 2017-11-01 Aileron, Rudder and Elevator – Inspection**
- Applicability:** EMB-500 aircraft, S/N 50000267, 50000289, 50000291, 50000299, 50000305, 50000306, 50000310 and 50000376.
EMB-500 aircraft, S/N 50000246, 50000286, 50000304, 50000348, 50000359, 50000368, 50000370, 50000372, and 50000377 through 50000380.
- Note:** Embraer ASB 500-27-A026, Revision 01, dated 6 October 2017, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020
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- * 2020-05-03 Operation at Static Temperature Below -54 Deg Celsius – Inspection**
- Applicability:** EMB-500 aircraft, all S/N fitted with engines models PW617F-E or PW617F1-E.
- Note:** Embraer Operational Bulletin 500-001/20 – Operational Envelope Temperature Limitation, Revision 0, dated 9 March 2020, or further revisions approved by ANAC pertains to the subject of this AD.
- Compliance:** Initial compliance required before the issue of a New Zealand Certificate of Airworthiness, or at the next Review of Airworthiness (RA), whichever is the sooner, unless previously accomplished. Repetitive inspections, if required, are to be accomplished at intervals not to exceed the times specified in the Brazilian AD.
- Effective Date:** 26 November 2020