



AGÊNCIA NACIONAL DE AVIAÇÃO CIVIL - BRAZIL

BRAZILIAN AIRWORTHINESS DIRECTIVE

AD No.: 2026-04-01

Effective Date: 13 Apr. 2026

The following Brazilian Airworthiness Directive (AD), issued by the Agência Nacional de Aviação Civil (ANAC) in accordance with provisions of Chapter IV, Title III of Código Brasileiro de Aeronáutica - Law No. 7,565 dated 19 December 1986 - and Regulamento Brasileiro da Aviação Civil (RBAC) 39, applies to all aircraft registered in the Registro Aeronáutico Brasileiro. No person may operate an aircraft to which this AD applies, unless it has previously complied with the requirements established herein.

AD No. 2026-04-01 - EMBRAER / 39-1601.

APPLICABILITY:

(a) This Airworthiness Directive is applicable to Embraer S.A. airplanes models ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW, in operation.

NOTE 1: This AD requires revisions to certain operator maintenance documents to include new inspections or modification to the existing ones and its respective thresholds and intervals. Compliance with these inspections is required by RBAC 91.403(c).

CANCELLATION / REVISION:

This AD cancels and supersedes the AD 2023-12-02-EMBRAER /39-1539, dated December 15th, 2023, and is being issued to alter the airworthiness limitations of the airplanes listed on paragraph (a) of this AD.

REASON:

This AD was prompted by a new revision to the airworthiness limitations of the Maintenance Review Board Report.

Failure to inspect structural components, according to the new or revised tasks, thresholds and intervals, addressed in the Airworthiness Limitation Inspections (ALI) could prevent a timely detection of fatigue cracking. These cracks, if not properly addressed, could adversely affect the structural integrity of the airplane.

In addition, Airworthiness Limitations associated with Certification Maintenance Requirements – CMR, Fuel System Limitations Items – FSL, and Life Limited Items – LLI are mandatory for continued airworthiness. Failure to accomplish these instructions could result in an unsafe condition.

Considering that this condition may occur in other airplanes of the same type and

affect flight safety, a corrective action is required. Thus, sufficient reason exists to request compliance with this AD in the indicated time limit

REQUIRED ACTION:

This AD requires revision to the maintenance or inspection program, as applicable, to incorporate the applicable Airworthiness Limitations (Certification Maintenance Requirements, Airworthiness Limitation Inspections, Fuel System Limitation Items, and Life Limited Items).

COMPLIANCE:

Compliance shall be performed in accordance with the instructions provided below, except when the required actions have already been completed.

(b) Retention of the Maintenance Program Revision required by DA 2023-12-02.

Within three months after December 15th, 2023, the effective date of this AD, revise the maintenance or inspection program, as applicable, to incorporate the applicable Certification Maintenance Requirements, and Fuel System Limitation in paragraph (b)(1) and (b) (2), of this AD.

(1) For model ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR, and ERJ 190-200 IGW airplanes: Incorporate information in Part 1, Certification Maintenance Requirements, and Part 3, Fuel System Limitation Items, of Appendix A, Airworthiness Limitation, of the Embraer 190/195 Maintenance Review Board Report, MRB 1928, Revision 17, dated July 14th, 2023.

(i) The compliance times depend on the airplane configuration, and the pre-modification and post-modification conditions specified in Part 1, Certification Maintenance Requirements, of Appendix A, Airworthiness Limitations, of the Embraer 190/195 Maintenance Review Board Report, MRB 1928, Revision 17, dated July 14th, 2023.

(ii) For the initial compliance times for the new inspections and intervals incorporated by this AD, the information stated on Paragraph 2 - "Implementation Plan" of the Appendix A, Airworthiness Limitation, of the Embraer 190/195 Maintenance Review Board Report, MRB-1928, Revision 17, dated July 14th, 2023, may be taken into consideration. For the purposes of this AD, the initial compliance times (identified as 'Threshold' or 'T' in the service information) are expressed in 'total flight cycles ' or in "total flight hours" as applicable.

(2) For model ERJ 190-100 ECJ airplanes: Incorporate information in Part 1, Certification Maintenance Requirements, and Part 3, Fuel System Limitation Items, of Appendix A, Airworthiness Limitation, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 12, dated October 31st, 2023.

(i) The compliance times depend on the airplane configuration, and the pre-modification and post-modification conditions specified in Part 1, Certification Maintenance Requirements, of Appendix A, Airworthiness Limitations, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 12, dated October 31st, 2023.

(ii) For the initial compliance times for the new inspections and intervals incorporated by this AD, the information stated on Paragraph 2 - "Implementation Plan" of the Appendix A, Airworthiness Limitation, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 12, dated October 31st, 2023, may be taken into consideration. For the purposes of this AD, the initial compliance times (identified as 'Threshold' or 'T' in the service information) are expressed in 'total flight cycles ' or in "total flight hours" as applicable.

(c) Revision of maintenance program

Within three months after the effective date of this AD, revise the maintenance or inspection program, as applicable, to incorporate the applicable Airworthiness Limitation Inspections, and Life Limited Items in paragraph (c)(1), or (c)(2) of this AD.

(1) For model ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR, and ERJ 190-200 IGW airplanes: Incorporate information in Part 2, Airworthiness Limitation Inspections - Structures, and Part 4, Life Limited Items, of Appendix A, Airworthiness Limitation, of the Embraer 190/195 Maintenance Review Board Report, MRB 1928, Revision 20, dated December 19th, 2025.

(i) The compliance times depend on the airplane configuration, and the pre-modification and post-modification conditions specified in Part 2, Airworthiness Limitation Inspections - Structures, of Appendix A, Airworthiness Limitations, of the Embraer ERJ 190/195 Maintenance Review Board Report, MRB-1928, Revision 20, dated December 19th, 2025.

(ii) For the initial compliance times for the new inspections and intervals incorporated by this AD, the information stated on Paragraph 2 - "Implementation Plan" of the Appendix A, Airworthiness Limitation, of the Embraer 190/195 Maintenance Review Board Report, MRB-1928, Revision 20, dated December 19th, 2025, may be taken into consideration. For the purposes of this AD, the initial compliance times (identified as 'Threshold' or 'T' in the service information) are expressed in 'total flight cycles' or in "total flight hours" as applicable.

(2) For model ERJ 190-100 ECJ airplanes: Incorporate information in Part 2, Airworthiness Limitation Inspections - Structures, and Part 4, Life Limited Items, of Appendix A, Airworthiness Limitation, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 13, dated September 17th, 2025.

(i) The compliance times depend on the airplane configuration, and the pre-modification and post-modification conditions specified in Part 2, Airworthiness Limitation Inspections - Structures, of Appendix A, Airworthiness Limitations, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 13, dated September 17th, 2025.

(ii) For the initial compliance times for the new inspections and intervals incorporated by this AD, the information stated on Paragraph 2 - "Implementation Plan" of the Appendix A, Airworthiness Limitation, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 13, dated September 17th, 2025, may be taken into consideration. For the purposes of this AD, the initial compliance times (identified as 'Threshold' or 'T' in the service information) are expressed in 'total flight cycles' or in "total flight hours" as applicable.

(d) Alternative actions and intervals

After accomplishing the actions required by paragraph (b) and (c) of this AD, alternative inspections or inspection intervals may not be used unless the alternative inspection or interval is published:

(1) MRB-1928 revisions approved by ANAC subsequent to Revision 17, dated July 14th, 2023, for ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR, and ERJ 190-200 IGW airplanes, for Part 1, "Certification Maintenance Requirements," and Part 3, "Fuel System Limitation Items."

(2) MRB-1928 revisions approved by ANAC subsequent to Revision 20, dated December 19th, 2025, for ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR, and ERJ 190-200 IGW airplanes, for Part 2, "Airworthiness Limitations," and Part 4, "Life Limited Items."

(3) MPG-2928 revisions approved by ANAC subsequent to Revision 12, dated October 31st, 2023, for ERJ 190-100 ECJ airplanes, for Part 1, "Certification Maintenance Requirements," and Part 3, "Fuel System Limitation Items."

(4) MPG-2928 revisions approved by ANAC subsequent to Revision 13, dated September 17th, 2025, for ERJ 190-100 ECJ airplanes, for Part 2, "Airworthiness Limitations," and Part 4, "Life Limited Items."

(e) Alternative Methods of Compliance (AMOC)

A different method or a different compliance time, with the requirements of this AD,

may be used if approved by the Manager of the Continuing Airworthiness Technical Branch (GTAC) of ANAC.

(f) Material incorporated by reference

You must use this information as applicable to accomplish the actions required by this AD, unless this AD specifies otherwise:

(1) Appendix A, Airworthiness Limitations, of the Embraer ERJ 190/195 Maintenance Review Board Report, MRBR-1928, Revision 17th, dated July 14th, 2023.

(2) Appendix A, Airworthiness Limitations, of the Embraer ERJ 190/195 Maintenance Review Board Report, MRBR-1928, Revision 20th, dated December 19th, 2025.

(3) Appendix A, Airworthiness Limitations, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 12, dated October 31st, 2023.

(4) Appendix A, Airworthiness Limitations, of the Embraer ERJ 190-100 ECJ Maintenance Planning Guide, MPG-2928, Revision 13, dated September 17th, 2025.

Record compliance with this AD in the applicable maintenance log book.

CONTACT:

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APPROVAL:

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NOTA: Original in Portuguese language signed and available in the files of the Continuing Airworthiness Technical Branch (GGCP) of the National Civil Aviation Agency (ANAC).