

BRASIL

MINISTÉRIO DA DEFESA – COMANDO DA AERONÁUTICA
DEPARTAMENTO DO CONTROLE DO ESPAÇO AÉREO
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AIC
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14/18
11 OCT 2018

NEW AERODROME OPERATING MINIMA DETERMINATION CRITERIA

Effective period: from 11 October 2018 to 11 October 2019

1 PRELIMINARY PROVISIONS

1.1 PURPOSE

The purpose of this Aeronautical Information Circular is to publicize to all airspace users the new aerodrome operating minima determination criteria to be used in the Brazilian Airspace Control System as of 08 NOVEMBER 2018 AIRAC.

1.2 SCOPE

The provisions contained in this AIC apply to the ATS units and SISCEAB users involved with IFR operations in Brazilian aerodromes.

1.3 DEFINITIONS AND ABBREVIATIONS

1.3.1 AERODROME OPERATING MINIMA

The limits of usability of an aerodrome for:

- a) Take-off, expressed in terms of RVR and/or visibility and, if necessary, cloud conditions;
- b) 2D instrument approach operations, expressed in terms of RVR and/or visibility, MDA/H and, if necessary, cloud conditions; or
- c) 3D instrument approach operations, expressed in terms of RVR and/or visibility and DA/H, as appropriate to the type and/or the category of the operation.

2 GENERAL PROVISIONS

2.1 With the purpose of enhancing efficiency in air operations, while maintaining safety levels, a search was carried out in the international provisions and operational procedures to identify best practices around the world concerning aerodrome operating minima determination. The focus was on finding solutions to take full advantage of airborne equipment, as well as of the installed aerodrome infrastructure, with the expected result of reducing the operational impact for operators and airspace users during operations under adverse meteorological conditions.

2.2 As of 08 NOV 2018 AIRAC, the main information related to aerodrome operating minima determination criteria for IFR departure will no longer be included in AIP-MAP and shall be included in AD Part 1.1.4 of the AIP BRASIL.

3 INSTRUMENT LANDING OPERATIONS

3.1 Until June 2017, the aerodrome operating minima for landing in Brazil were established in terms of visibility or RVR limits, as appropriate, and ceiling. However, a thorough revision on the determination criteria of such minima has concluded for the convenience of eliminating the ceiling requirement for these operations.

3.2 In this context, until all affected charts are updated, the ceiling information will remain in IAC. Notwithstanding, it is ratified that aerodrome operating minima for landing do not include ceiling requirements.

4 INSTRUMENT DEPARTURE OPERATIONS

4.1 The new criteria for establishing the aerodrome departure operating minima will be available on AIRAC date 08 NOV 2018, by publishing the AIP SUPP A135/18, which amends the AD Part 1.1.4 of the AIP-BRASIL.

4.2 With the entry in force of the new aerodrome operating minima determination criteria, the tables present in the Initial Pages of the AIP-MAP, which specify the minima values for departure will be cancelled. Such tables will be replaced with unique and objective criteria to determine these minima based on the combination of aerodrome infrastructure, the aircraft capacity and the type of operation.

5 TRANSITIONAL PROVISIONS

5.1 The aerodrome operating minima for departure, as of 08 NOV 2018 AIRAC, shall be classified as take-off minima or SID minima, in accordance with item 2.1.1 and 2.1.2 of AD Part 1.1.4 of the AIP-BRASIL.

5.2 Currently, the aerodrome operating minima for departure are published in the following ways:

- a) In the RMK section of the SID;
- b) Via NOTAM; or
- c) In the tables present in the INS Part of the Initial Pages of the AIP-MAP.

5.3 The tables present in the INS Part of the Initial Pages of the AIP-MAP will be cancelled, as in item 4.2 .

5.4 As of 08 NOV 2018 AIRAC, the take-off minima will be determined only by the criteria published in the AD Part 1.1.4 of the AIP BRASIL and the following actions will be taken:

- a) Deletion of take-off minima from RMK section of the charts, by NOTAM (item 5.2 a); and
- b) Cancellation of the NOTAM that published take-off minima (item 5.2 b).

5.5 As of 08 NOV 2018 AIRAC, the SID minima will be published in the RMK section of the charts, and the following actions will be taken:

- a) Maintenance of the SID minima published in the RMK section of the charts (item 5.2 a); and
- b) Incorporation of the SID minima published by NOTAM, in accordance with DECEA's charts update calendar (item 5.2 b).

6 FINAL PROVISIONS

6.1 This AIC enters into force on 11 OCT 2018 and cancels AIC-A 09/2017.

6.2 Suggestions for the continuous improvement of this publication shall be sent to <http://publicacoes.decea.intraer/> or <http://publicacoes.decea.gov.br/>, through the specific link of the publication.

Cases not provided for in this AIC shall be settled by the Head of the Operations Subdepartment of the Department of Airspace Control.