

**5067.**

In accordance with Article 62(7) of the Aviation Act ("Official Gazette of the Republic of North Macedonia" No. 14/24, 224/24, 3/25 and 144/25), and in accordance with Article 3 of the Multilateral Agreement between the European Community and its Member States, the Republic of Albania, Bosnia and Herzegovina, the Republic of Bulgaria, the Republic of Croatia, the Republic of Macedonia, the Republic of Iceland, the Republic of Montenegro, the Kingdom of Norway, Romania, the Republic of Serbia and the United Nations Interim Administration Mission in Kosovo on the establishment of a European Common Aviation Area ratified with the Act of Ratification of Multilateral Agreement ("Official Gazette of the Republic of Macedonia No. 27/07, 98/09 and "Official Gazette of the Republic of North Macedonia No. 259/19) the Director General of the Civil Aviation Agency enacted

## **REGULATION**

### **ON THE MANNER OF INSTALLATION, MAINTENANCE AND PROTECTION OF TECHNICAL AIDS, DEVICES, AND EQUIPMENT FOR PROVISION OF ATM/ANS SERVICES**

#### Article 1

This Regulation prescribes the method of installation, maintenance, and protection of technical means, devices, and equipment for the provision of ATM/ANS services.

#### Article 2

- (1) During the implementation of the provisions from this Regulation, certain terms shall have the following meaning:
1. EASA is the European Aviation Safety Agency;
  2. "national aviation authority", "competent authority", "competent authority of the Member States" shall be interpreted, where applicable, as the Civil Aviation Agency (hereinafter: Agency);
- (2) The terms "Community", "Community Law", "Community Legislation", "Community instruments", "EC Treaty", "Community airport", "Official Journal of the European Communities", "Official Journal of the European Union", "Community air carrier" and "Member State(s)" used in EU Regulation from paragraph (3) of this Article are read in accordance with points 2 and 3 of the Annex II of the Multilateral Agreement between the European Community and its Member States, the Republic of Albania, Bosnia and

Herzegovina, the Republic of Bulgaria, the Republic of Croatia, the Republic of Macedonia, the Republic of Iceland, the Republic of Montenegro, the Kingdom of Norway, Romania, the Republic of Serbia and the United Nations Interim Administration Mission in Kosovo on the establishment of a European Common Aviation Area ratified with the Act of Ratification of Multilateral Agreement ("Official Gazette of the Republic of Macedonia No. 27/07 and 98/09 and "Official Gazette of the Republic of North Macedonia" No. 259/19).

- (3) Other terms during the implementation of this Regulation shall have the meaning established in the ICAO Annex 10 of the ICAO Convention on International Civil Aviation (hereinafter referred to as: the Chicago Convention) and in the Commission Implementing Regulation (EU) 2017/373 of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011 (Annexes from I to XII), amended by EU Regulations 2020/469, 2020/1177, 2021/665, 2021/1338, 2022/938, 2023/203, 2023/1771, 2024/403, 2024/1111 and 2025/343 (hereinafter: EU Regulation 2017/373), Commission Delegated Regulation (EU) 2023/1768 of 14 July 2023 laying down detailed rules for the certification and declaration of air traffic management/air navigation services systems and air traffic management/air navigation services constituents, amended by EU Regulation 2024/1473 (hereinafter: EU Regulation 2023/1768) and the Commission Implementing Regulation (EU) 2023/1769 of 12 September 2023 laying down technical requirements and administrative procedures for the approval of organisations involved in the design or production of air traffic management/air navigation services systems and constituents and amending Implementing Regulation (EU) 2023/203 (hereinafter: EU Regulation 2023/1769) accepted and directly applied and published on the Civil Aviation Agency's website.

### Article 3

- (1) The method, rules, and specific conditions for the installation, maintenance, and protection of technical systems, aids, and equipment for the provision of ATM/ANS services are laid down in ICAO Annex 10 to the Chicago Convention, EUROCAE, ITU-T, ITU-R, and ETSI, as well as in accordance with the technical manuals and specifications of the manufacturer of the respective system, aid, or equipment.
- (2) The method of implementing and/or amending software in the functional system is laid down in EU Regulation 2017/373.
- (3) The technical requirements and administrative procedures for the approval of organizations involved in the design and/or production of air traffic management/air navigation services systems and air traffic management/air navigation services constituents are laid down in EU Regulation 2023/1768 and EU Regulation 2023/1769.

#### Article 4

- (1) When applying EU Regulation 2017/373 and its amendments referred to in Article 2 of this Regulation, the Acceptable Means of Compliance (AMC) and Guidance Material (GM) prescribed by Decision 2017/001/R of the Executive Director of EASA shall be used, including its amendments relating to those EU Regulations, which are published on the EASA website and which are accepted and directly applicable.
- (2) When applying EU Regulation 2023/1768 and its amendments referred to in Article 2 of this Regulation, the Acceptable Means of Compliance (AMC) and Guidance Material (GM) regarding the interoperability of systems, their constituents, and associated procedures prescribed by Decisions 2023/016/R, 2024/001/R, and 2024/002/R of the Executive Director of EASA shall be used, including its amendments relating to those EU Regulations, which are published on the EASA website and which are accepted and directly applicable.

#### Article 5

The detailed specifications, Acceptable Means of Compliance (AMC), and Guidance Material (GM) for the declaration of compliance of ATM/ANS ground equipment (DS-GE.SoC) and for the certification or declaration of design compliance of ATM/ANS ground equipment (DS-GE.CER/DEC), which apply in the Republic of North Macedonia, are contained in the Certification Specifications prescribed by Decision No. 2023/015/R of the Executive Director of EASA, which is published on the EASA website and which is accepted and directly applicable.

#### Article 6

- (1) The protection of technical systems, aids, and equipment for the provision of ATM/ANS services shall consist of physical and radio-frequency security, as well as the implementation of a software safety control system and the protection of information and communication infrastructure against cyberattacks.
- (2) The physical security referred to in paragraph (1) of this Article shall consist of perimeter, electronic, and personnel security appropriate to the location, purpose, and requirements of the technical systems, aids, and equipment.
- (3) The radio-frequency security referred to in paragraph (1) of this Article shall consist of protecting the technical systems, aids, and equipment from unwanted emissions of radio waves and other radiation, as well as from physical obstacles that may interfere with the normal operation of the technical systems, aids, and equipment, and the technical systems, aids, and equipment onboard aircraft. Radio-frequency security shall be carried out in accordance with ICAO Annex 10 to the Chicago Convention and regulations in the field of electronic communications.

- (4) The software safety control system referred to in paragraph (1) of this Article shall cover all aspects related to EATMN software, including the entry into operational service of a new functional system, online operational changes, bypassing, and replacement occurring during the operational lifecycle of the system.
- (5) The upgrade of technical systems, aids, and equipment for the provision of ATM/ANS services, as well as the facilities in which they are installed, shall be carried out in accordance with the provisions of this Regulation.

#### Article 7

- (1) For each new system, aid, and equipment used for the provision of ATM/ANS services, a terms of reference is required, which shall contain:
  - a) an inventory of applicable standards and regulations;
  - b) user requirements for the given system, aid, and equipment;
  - c) basic technical requirements to be met by the system; and
  - d) safety requirements to be met by the system.
- (2) The terms of reference shall be approved by the ATM/ANS service provider.

#### Article 8

Prior to the entry into service of a technical system, aid, or equipment, the ATM/ANS service provider shall ensure:

- a) permits required for the realization of the project specification in accordance with the Law on Construction, the Law on Electronic Communications, and other national regulations;
- b) a method for monitoring the realization of the project specification through all its phases;
- c) the execution of a technical inspection of the facility (if applicable);
- d) the implementation of the technical requirements specified in the project specification;
- e) the validation of the technical system, aid, or equipment, accompanied by its documentation;
- f) operational and maintenance documentation; and
- g) the qualification and training of personnel who will operate and maintain the technical system, aid, or equipment.

#### Article 9

On the day of entry into force of this Regulation, the Regulation on the manner of installation, maintenance and protection of technical aids, devices, and equipment for provision of air navigation services ("Official Gazette of the Republic of Macedonia" No. 165/12) shall cease to be valid.

#### Article 10

This Regulation shall enter into force on the day following its publication in the "Official Gazette of the Republic of North Macedonia", and shall start to apply from 1 July 2026.

No. 10-1094/4

24 December 2025

Skopje

Director General

Civil Aviation Agency

**Dragi Stojanoski**