

Commission Regulation (EU) No 73/2010 of 26 January 2010 laying down requirements on the quality of aeronautical data and aeronautical information for the single European sky (Text with EEA relevance)

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Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) No 73/2010. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX I

DATA SET SPECIFICATIONS REFERRED TO IN ARTICLE 4

PART A

IAIP, aerodrome mapping and electronic obstacle data

1. The aeronautical data and aeronautical information referred to in points...
2. Regarding the ISO standards, the relevant certificate issued by an...

PART B

Electronic terrain data sets

PART C

Metadata

ANNEX II

AERONAUTICAL DATA EXCHANGE FORMAT REQUIREMENTS REFERRED TO IN ARTICLE 5

PART A

IAIP, aerodrome mapping and electronic obstacle data

1. The aeronautical data and aeronautical information referred to in points...
2. Regarding the ISO standards, the relevant certificate issued by an...

PART B

Electronic terrain data

1. The electronic terrain data referred to in point (c) of...
2. Regarding the ISO standards, the relevant certificate issued by an...

ANNEX III

PROVISIONS REFERRED TO IN ARTICLES AND ANNEXES

1. Chapter 3, Section 3.7 (Quality management system) of Annex 15...
2. Chapter 3, Section 1.2.1 (Horizontal reference system) of Annex 15...
3. Chapter 3, Section 1.2.2 (Vertical reference system) of Annex 15...
4. Chapter 4 (Aeronautical Information Publications (AIP)) of Annex 15 to...

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5. Chapter 4, Section 4.3 (Specifications for AIP Amendments) of Annex...
6. Chapter 4, Section 4.4 (Specifications for AIP Supplements) of Annex...
7. Chapter 5 (NOTAM) of Annex 15 to the Chicago Convention...
8. Chapter 6, Section 6.2 (Provision of information in paper copy...
9. Chapter 10, Section 10.1 (Coverage areas and requirements for data...
- 9a Chapter 10, Section 10.2 (Terrain data set — content, numerical...
10. Appendix 1 (Contents of Aeronautical Information Publication (AIP)) of Annex...
11. Appendix 7 (Aeronautical data publication resolution and integrity classification) of...
12. Appendix 8 (Terrain and obstacle data requirements) of Annex 15...
13. Object Management Group Unified Modelling Language (UML) Specification Version 2.1.1....
14. International Organisation for Standardisation, ISO 19107:2003 — Geographic information —...
15. International Organisation for Standardisation, ISO 19115:2003 — Geographic information —...
16. International Organisation for Standardisation, ISO 19139:2007 — Geographic information —...
17. International Organisation for Standardisation, ISO 19118:2011 — Geographic information —...
18. International Organisation for Standardisation, ISO 19136:2007 — Geographic information —...
19. International Organisation for Standardisation, ISO/IEC 19757-3:2006 — Information technology —...
20. ICAO Doc 9674-AN/946 — World Geodetic System — 1984 Manual...
21. Chapter 7, Section 7.3.2 (Cyclic redundancy check (CRC) algorithm) of...
22. International Organisation for Standardisation, ISO/IEC 27002:2005 — Information technology —...
23. International Organisation for Standardisation, ISO 28000:2007: — Specification for security...
24. Eurocae ED-99A, User Requirements for Aerodrome Mapping Information (October 2005)....

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25. International Organisation for Standardisation, ISO 19110:2005 — Geographic information —...

ANNEX IV

DATA QUALITY REQUIREMENTS REFERRED TO IN ARTICLES 6 AND 7

PART A

Data quality requirements

1. Data quality requirements for each data item within the scope...
2. Data quality requirements for a data item within the scope...
3. The data quality requirements for the data items referred to...
4. Where a data item has more than one intended use,...
5. Data quality requirements shall be defined to cover the following...
6. All of the data items needed to support each application...

PART B

Evidence requirements

PART C

Formal arrangements

PART D

Data origination

1. The surveying of radio navigation aids and the origination of...
2. All surveyed data shall be referenced to WGS-84 as specified...
3. A geoid model, sufficient to meet the ICAO provisions referred...
4. Surveyed, calculated and derived data shall be maintained throughout the...
5. Survey data categorised as critical or essential data shall be...
6. The following electronic survey data capture and storage techniques shall...
7. All survey data categorised as critical data shall be subject...
8. Aeronautical data and aeronautical information shall be validated and verified...

PART E

Data process requirements

1. Where processes or parts of processes used in the origination,...

2. Where aeronautical data and aeronautical information is entered manually, it...

PART F

Error reporting and rectification requirements

ANNEX V

TOOLS AND SOFTWARE REQUIREMENTS REFERRED TO IN ARTICLE 8

1. Tools used to support or automate aeronautical data and aeronautical...
2. For the tools referred to in point 1, performance, functionality...
3. The tools referred to in point 1 shall be validated...
4. The tools referred to in point 1, which are implemented...
5. The validation of software means the process of ensuring that...
6. The verification of software means the evaluation of the output...

ANNEX VI

DATA PROTECTION REQUIREMENTS REFERRED TO IN ARTICLE 9

1. All data transferred in an electronic format shall be protected...
2. Where the physical size of data exceeds that which may...
3. Aeronautical data and aeronautical information shall be given an appropriate...
4. The storage and transfer of aeronautical data and aeronautical information...

ANNEX VII

QUALITY, SAFETY AND SECURITY MANAGEMENT REQUIREMENTS REFERRED TO IN ARTICLE 10

PART A

Quality management system

1. A quality management system supporting the origination, production, storage, handling,...
2. An EN ISO 9001 certificate, issued by an appropriately accredited...

PART B

Safety management objectives

1. The safety management objectives shall be:

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2. The achievement of the safety management objectives shall be afforded...

PART C

Security management objectives

1. The security management objectives shall be:
2. Regarding the ISO standards, the relevant certificate issued by an...

ANNEX VIII

Requirements for the assessment of the conformity or suitability for use of constituents referred to in Article 11

1. The verification activities shall demonstrate the conformity of constituents with...
2. The manufacturer, or its authorised representative established in the Union,...
3. The manufacturer, or its authorised representative established in the Union,...
4. Upon satisfying completion of verification of conformity or suitability for...

ANNEX IX

CONDITIONS REFERRED TO IN ARTICLE 12

1. The air navigation service provider must have in place reporting...
2. The air navigation service provider must ensure that the personnel...
3. The air navigation service provider must ensure that the personnel...
4. The air navigation service provider must ensure that the personnel...
5. The air navigation service provider must ensure that the personnel...

ANNEX X

PART A

Requirements for the verification of systems referred to in Article 12(1)

1. The verification of systems identified in the first subparagraph of...
2. The verification of systems identified in the first subparagraph of...
3. Test tools used for the verification of systems identified in...
4. The verification of systems identified in the first subparagraph of...

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5. The air navigation service provider shall manage the verification activities...
6. The air navigation service provider shall ensure that the systems...
7. Upon satisfying completion of verification of conformity, air navigation service...

PART B

Requirements for the verification of systems referred to in Article 12(2)

1. The verification of systems identified in the first subparagraph of...
2. The verification of systems identified in the first subparagraph of...
3. Test tools used for the verification of systems identified in...
4. The verification of systems identified in the first subparagraph of...
5. The air navigation service provider shall determine the appropriate operational...
6. The notified body shall manage the verification activities and shall...
7. The notified body shall ensure that the systems identified in...
8. Upon satisfying completion of verification tasks, the notified body shall...
9. Then the air navigation service provider shall draw up the...

ANNEX XI

ICAO DIFFERENCES REFERRED TO IN ARTICLE 14

Chapter 3, Section 3.5.2 (Cyclic redundancy check) of Annex 15...

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- (1) [OJ L 96, 31.3.2004, p. 26.](#)
- (2) [OJ L 96, 31.3.2004, p. 1.](#)

Changes to legislation:

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Changes and effects yet to be applied to :

- Regulation revoked by [S.I. 2021/1203 reg. 2](#)
- Art. 2(1) words substituted by [S.I. 2019/459 reg. 156\(a\)](#)
- Art. 5(3) words substituted by [S.I. 2019/459 reg. 157\(2\)](#)
- Art. 5(4) words substituted by [S.I. 2019/459 reg. 157\(3\)](#)
- Art. 6(1) words substituted by [S.I. 2019/459 reg. 158](#)
- Art. 7(1) words substituted by [S.I. 2019/459 reg. 159\(2\)\(a\)](#)
- Art. 7(1) words substituted by [S.I. 2019/459 reg. 159\(2\)\(b\)](#)
- Art. 7(2) words substituted by [S.I. 2019/459 reg. 159\(3\)](#)
- Art. 11 word omitted by [S.I. 2019/459 reg. 160\(a\)](#)
- Art. 11 words inserted by [S.I. 2019/459 reg. 160\(b\)](#)
- Art. 11 words substituted by [S.I. 2019/459 reg. 160\(c\)](#)
- Art. 12(2) words substituted by [S.I. 2019/459 reg. 161](#)
- Art. 14 omitted by [S.I. 2019/459 reg. 162](#)
- Art. 15 omitted by [S.I. 2019/459 reg. 163](#)

Changes and effects yet to be applied to the whole legislation item and associated provisions

- Signature words omitted by [S.I. 2019/459 reg. 164](#)
- Annex 1 Pt. A Point 2 word substituted by [S.I. 2019/459 reg. 165](#)
- Annex 2 Pt. A Point 2 word substituted by [S.I. 2019/459 reg. 166\(2\)](#)
- Annex 2 Pt. B Point 2 word substituted by [S.I. 2019/459 reg. 166\(3\)](#)
- Art. 2(1)(a)-(d) words substituted by [S.I. 2019/459 reg. 156\(b\)](#)
- Annex 7 Pt. A Point 2 word substituted by [S.I. 2019/459 reg. 167\(2\)](#)
- Annex 7 Pt. C Point 2 word substituted by [S.I. 2019/459 reg. 167\(3\)](#)
- Annex 8 Point 4 word omitted by [S.I. 2019/459 reg. 168\(4\)\(c\)](#)
- Annex 8 Point 2 words inserted by [S.I. 2019/459 reg. 168\(2\)\(a\)](#)
- Annex 8 Point 3 words inserted by [S.I. 2019/459 reg. 168\(3\)\(a\)](#)
- Annex 8 Point 4 words inserted by [S.I. 2019/459 reg. 168\(4\)\(a\)](#)
- Annex 8 Point 2 words substituted by [S.I. 2019/459 reg. 168\(2\)\(b\)](#)
- Annex 8 Point 3 words substituted by [S.I. 2019/459 reg. 168\(3\)\(b\)](#)
- Annex 8 Point 4 words substituted by [S.I. 2019/459 reg. 168\(4\)\(b\)](#)
- Annex 10 Pt. A Point 7 word omitted by [S.I. 2019/459 reg. 169\(2\)\(a\)](#)
- Annex 10 Pt. B Point 9 word omitted by [S.I. 2019/459 reg. 169\(3\)\(c\)\(i\)](#)
- Annex 10 Pt. A Point 7 word substituted by [S.I. 2019/459 reg. 169\(2\)\(b\)](#)
- Annex 10 Pt. B Point 6 word substituted by [S.I. 2019/459 reg. 169\(3\)\(b\)](#)
- Annex 10 Pt. B Point 7 word substituted by [S.I. 2019/459 reg. 169\(3\)\(b\)](#)
- Annex 10 Pt. B Point 8 word substituted by [S.I. 2019/459 reg. 169\(3\)\(b\)](#)
- Annex 10 Pt. B Point 9 word substituted by [S.I. 2019/459 reg. 169\(3\)\(c\)\(ii\)](#)
- Annex 10 Pt. B Point 5 words substituted by [S.I. 2019/459 reg. 169\(3\)\(a\)](#)
- Annex 11 omitted by [S.I. 2019/459 reg. 170](#)