

RA 1030 – Defence Aeronautical Information Management

Rationale

The completeness and accuracy of Defence aeronautical data (AD)¹ and aeronautical information (AI)² is integral to the safe and expeditious conduct of aviation activity in the Defence Air Environment (DAE) and to a wide range of aviation end users³. Missing, out-of-date, or unreliable AD or AI could introduce Hazards, resulting in an increased Risk to Life (RtL) ► and therefore; the Defence Aeronautical Information Authority (DAIA) are ◀ responsible for ► the oversight and Assurance of Defence Aeronautical Information Management ◀ to ensure Aviation RtL is minimized.

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Regulation

1030(1)

Defence Aeronautical Information Authority

1030(1) ► Air Officer Commanding (AOC) 2 Group shall ensure that the DAIA effectively manage and assure Defence Aeronautical Information Service Providers (AISPs) and Authorized Sources⁴. ◀

Acceptable Means of Compliance

1030(1)

Defence Aeronautical Information Authority

1. ► AOC 2 Gp should issue Head Defence Airspace and Air Traffic Management (DAATM) with a Letter of Authority detailing the responsibilities of DAATM in its capacity as the DAIA. ◀
2. The DAIA should:
 - a. Develop and maintain ► ◀ aeronautical information policy and processes, which define the form, content and data quality standards of ► Defence ◀ aeronautical data ► and aeronautical ◀ information ► produced by Defence. ◀
 - b. Nominate Defence AISPs to ensure that an effective Aeronautical Information Service (AIS) is provided to the DAE.
 - c. ► Nominate and maintain a register of Authorized Sources of AD and AI to the Defence AISP. ◀
 - d. ► ◀ Conduct ► ◀ Assurance of ► Authorized Sources and the Defence AISPs. ◀
 - e. Interface with the UK Civil Aviation Authority, ► and other civil authorities as appropriate, ◀ to provide Assurance of Defence aeronautical information data quality standards.

Guidance Material

1030(1)

Defence Aeronautical Information Authority

3. ► Defence aeronautical information policy is published in Joint Service Publication (JSP) 495⁵. ◀

¹ A representation of aeronautical facts, concepts or instructions in a formalized manner suitable for communication, interpretation or processing.

² Information resulting from the assembly, analysis and formatting of aeronautical data.

³ Not solely Air System operators but other aviation-related functions.

⁴ ► An individual representing an organization (eg Aerodrome) nominated by the DAIA as being Accountable for providing and assuring specific AD and AI for publication.

⁵ Refer to JSP 495 – Defence Aeronautical Information Policy. ◀

**Regulation
1030(2)**

Aeronautical Information Service Provider

1030(2) ▶ **A Defence** ◀ AISP **shall** ensure that ▶ **Defence** ◀ AD and AI ▶ **is managed, produced and assured to a standard in accordance with (iaw) JSP 495⁶.** ◀

**Acceptable
Means of
Compliance
1030(2)**

Aeronautical Information Service Provider

4. An AISP **should**:
- Deliver an AIS that is appropriately tasked, prioritized and ▶ **resourced.** ◀
 - ▶ **Establish processes to ensure the timely collection, processing, storing, integration, exchange, publication and distribution of** ◀ AD and AI concerning the ▶ **scope of AIS provision** ◀ for which they are responsible ▶ ◀.
 - Liaise with other national AI providers ▶ **as required to ensure the accuracy of AI in the Defence AIS.** ◀
 - ▶ ◀
 - Provide end to end Assurance of the AD and AI it processes to assure the integrity of data from the point of receipt or origination, through publication to the point of delivery to the ▶ **next intended** ◀ user.
 - Contract services which are otherwise unavailable through the MOD following the process laid out in RA 1005⁷.
5. The AD and AI **should** be in a form suitable for ▶ **the operational requirements⁶ of the DAE.** ◀

**Guidance
Material
1030(2)**

Aeronautical Information Service Provider

6. ▶ ◀ The following publications ▶ **may be referred** ◀ to ▶ **for** ◀ additional information on the standards and practices ▶ **that AISPs can employ:** ◀
- International Civil Aviation Organization (ICAO) Annex 15 – Aeronautical Information Services.
 - ICAO Doc 8168 Procedures for Air Navigation Services.
 - ICAO Doc 10066 Aeronautical Information Management.
 - ▶ ◀.
 - Civil Aviation Publication (CAP) 232: Aerodrome Survey Information.
 - CAP 785: Approvals Requirements for Instrument Flight Procedures for use in UK Airspace Description.
 - CAP 779: Regulation of Aeronautical Information Services.
 - CAP 1054: Aeronautical Information Management.
 - CAP 1616: Airspace Change Process Guidance Document.
 - CAP 1732: Aerodrome Survey Guidance.
 - DefStan 00-102: Policy of the Application of Geospatial Information Standards.
 - ▶ **DefStan 00-103: PART 01.**
 - ▶ **ED-76A - Standards for processing aeronautical Data.** ◀

⁶ ▶ Refer to JSP 465 Part 2 Vol 1 Section 7 – Management of Aeronautical Geospatial Requirements and Provision of Aeronautical Information Support to Defence. ◀

⁷ Refer to RA 1005 – Contracting with Competent Organizations.

**Regulation
1030(3)**

► Authorized Sources of Defence Aeronautical Data and Aeronautical Information ◀

1030(3) ► Authorized Sources⁵ nominated by ◀ the DAIA **shall** provide ► assured information to a Defence AISP. ◀

**Acceptable
Means of
Compliance
1030(3)**

► Authorized Sources of Defence Aeronautical Data and Aeronautical Information ◀

7. ► ◀

8. ► Aviation Duty Holder-Facing Organizations and Accountable Manager (Military Flying)-Facing Organizations, ◀ Heads of Establishment, Aerodrome Operators ► and Aerodrome Supervisors (Recreational Flying) ◀ **should** provide assured AD and AI to an AISP iaw ► JSP 495⁵. ◀

9. ► Authorized Sources and ◀ providers of ► Defence ◀ AD and AI **should** ► have a Quality Management System established to ◀ ensure that the appropriate Assurance checks ► are ◀ completed ► prior to submitting ◀ to an AISP.

10. ► ◀

11. ► ◀

12. The following data quality specifications **should** be considered as a minimum:

- a. Data accuracy.
- b. Data completeness.
- c. Data format.
- d. Data integrity.
- e. Data resolution.
- f. Data timeliness.
- g. Data traceability.

**Guidance
Material
1030(3)**

► Authorized Sources of Defence Aeronautical Data and Aeronautical Information ◀

13. ► Nil. ◀

14. ► ◀

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