

RA 1030 – Defence Aeronautical Information Management

Rationale

The completeness and accuracy of Defence aeronautical data¹ and aeronautical information² 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 Missing, out-of-date, or unreliable aeronautical data or aeronautical information ► could ◀ introduce ► ◀ Hazards, ► resulting in an increased ◀ Risk to Life (RtL). This regulation identifies the roles and responsibilities of those parties responsible for developing and maintaining aeronautical information policy; and for the origination, management, publication and assurance of aeronautical information to ensure Aviation RtL is minimized.

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Regulation 1030(1)

Defence Aeronautical Information Authority

1030(1) The Defence Aeronautical Information Authority (DAIA) ►⁴ ◀ **shall** be responsible for the effective management of Defence aeronautical information.

Acceptable Means of Compliance 1030(1)

Defence Aeronautical Information Authority

1. The DAIA **should**:
 - a. Develop and maintain Defence aeronautical information policy and processes, which ► ◀ define the form, content and data quality standards of ► ◀ aeronautical ► data, ◀ information, ► and ◀ products ► used in the DAE⁵. ◀
 - b. Nominate Defence Aeronautical Information Service Providers (AISPs) ► to ◀ ensure that an effective Aeronautical Information Service (AIS) is provided to the DAE.
 - c. Ensure the maintenance of aeronautical data quality standards through effective Aeronautical Information Management (AIM).
 - d. Establish a process to conduct oversight and assurance of AIM and AIS.
 - e. Interface with the ► UK ◀ Civil Aviation Authority to provide assurance of Defence aeronautical information data quality standards.

Guidance Material 1030(1)

Defence Aeronautical Information Authority

2. The ► ◀ Military Aeronautical Information Publication (AIP), along with the Civilian AIP ► and the Defence Aerodrome Manual are ◀ the source documents for all DAE aeronautical information ► and must be amended concurrently in accordance with (iaw) RA 1026⁶. ◀

Regulation 1030(2)

Aeronautical Information Service ► Provider ◀

1030(2) ► An ◀ AISP **shall** ensure that aeronautical data and aeronautical information are available in a form suitable for Air System operations.

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 ► Defence Airspace and Air Traffic Management (DAATM) act as the DAIA for Defence.

⁵ Refer to JSP 495 Part 1 – Defence Aeronautical Information Policy.

⁶ Refer to RA 1026 - Aerodrome Operator and Aerodrome Supervisor (Recreational Flying) Roles and Responsibilities. ◀

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

Aeronautical Information Service ► Provider ◀

3. ► An ◀ AISP **should** ► :
 - a. Deliver an AIS that is appropriately tasked, prioritized and funded.
 - b. Receive, collate or assemble, edit, format, publish / store and distribute aeronautical data and aeronautical information concerning the area for which they are responsible for the provision of AIS. Aeronautical data and aeronautical information **should** be provided as aeronautical information products.
 - c. Liaise with other national aeronautical information providers to achieve worldwide coverage for the DAE.
 - d. Ensure the integrity of data and confirm the level of accuracy of the information distributed for operations, including the source of such information, before such information is distributed.
 - e. Provide end to end assurance of the aeronautical data and aeronautical information it processes to assure the integrity of data from the point of receipt or origination, through publication, to the point of delivery to the end user.
 - f. Contract services which are otherwise unavailable through the MOD following the process laid out in RA 1005⁷. ◀
4. The aeronautical data and aeronautical information **should** be in a form suitable for flight operating personnel, including Aircrew; flight planning, flight management systems and flight simulators; and Air Traffic Service providers.
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Material
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Aeronautical Information Service ► Provider ◀

14. ► AISPs will utilize the following publications to obtain additional information on the ◀ standards and practices ► to be employed: ◀
 - a. International Civil Aviation Organization (ICAO) Annex 15 – Aeronautical Information Services.
 - b. ICAO Doc 8168 Procedures for Air Navigation Services.
 - c. ► ICAO Doc 10066 Aeronautical Information Management. ◀
 - d. ► ◀ Regulation ► EU ◀ No 2017/373 (ATM-IR) ► as retained (and amended in UK domestic law) and under the European Union (Withdrawal) Act 2018. ◀
 - e. Civil Aviation Publication (CAP) 232: Aerodrome Survey Information.
 - f. ► CAP 785: Approvals Requirements for Instrument Flight Procedures for use in UK Airspace Description. ◀
 - g. CAP 779: Regulation of Aeronautical Information Services.
 - h. ► CAP 1054: Aeronautical Information Management.
 - i. CAP 1616: Airspace Change Process Guidance Document.

⁷ ► Refer to RA 1005 – Contracting with Competent Organizations. ◀

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- j. CAP 1732: Aerodrome Survey Guidance.
- k. DefStan 00-102: Policy of the Application of Geospatial Information Standards. ◀

**Regulation
1030(3)**

Aeronautical Information Management

1030(3) ▶ **The DAIA** ◀ **shall** provide an AIM service.

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Aeronautical Information Management

- 15. ▶ **Data originators**⁸ **should** register with the DAIA prior to submitting aeronautical data and aeronautical information to an AISP.
- 16. **Heads of Establishment / Aerodrome Operators** **should** provide assured aeronautical data and aeronautical information to an AISP iaw RA 1010⁹ or RA 1026⁸.
- 17. **All originators**¹⁰ and providers of aeronautical data and aeronautical information to an AISP **should** ensure that the appropriate assurance checks have been completed before it is passed to an AISP.
- 18. **The DAIA** **should** establish verification and validation procedures⁵ which ensure that upon receipt of aeronautical data and aeronautical information, quality requirements are met. ◀
- 19. ▶ **The DAIA** **should** ensure that ◀ the information management resources and processes established by ▶ **an AISP** are ◀ adequate to ensure the timely collection, processing, storing, integration, exchange and delivery of quality assured aeronautical data and aeronautical information within the scope of operations.
- 20. 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.
- 21. ▶ ◀
- 22. ▶ ◀

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Aeronautical Information Management

- 23. An AIM service entails compiling data on ▶ **Aerodromes** ◀, airspace and other aviation aspects to generate aeronautical information products to support the DAE.
- 24. JSP 465⁸ outlines the MOD policy for the handling, publication and management of spatial data, including aeronautical information.

⁸ Refer to JSP 465 – Defence Geospatial Information Policy.

⁹ ▶ Refer to RA 1010 – Head of Establishment - Aviation Responsibilities.

¹⁰ Person or persons authorized to originate aeronautical information and data. ◀

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