

## RA 3301 – Meteorological ► Support to Air Traffic Service Units ◀

### Rationale

► *The safe conduct of aviation relies heavily on the availability of accurate and current meteorological information for Air Traffic Service (ATS) Units. Inaccurate, outdated, or unavailable meteorological data can result in sub-optimal decision-making, increased Risk of weather-related Incidents, and compromised Air Safety. Therefore, the implementation of robust Systems and procedures to ensure timely access to meteorological information from official and reliable data sources, including updates, and pre-duty briefing protocols are crucial to mitigate the Hazard.* ◀

### Contents

**3301(1): Meteorological Information**

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### Regulation

**3301(1)**

#### Meteorological Information

3301(1) Controllers **shall** only use meteorological information derived from official sources ►◀.

### Acceptable Means of Compliance

**3301(1)**

#### Meteorological Information

1. Only meteorological information derived from official sources **should** be used for Air Traffic Management purposes.

### Guidance Material

**3301(1)**

#### Meteorological Information

2. ► Official sources include the Met Office, the Joint Operations Meteorology and Oceanography Centre, or Met Office trained and current Aeronautical Meteorological Observers. In other operating scenarios, official sources will also include authoritative allied partners (ie 5-EYES and North Atlantic Treaty Organization allies). ◀

### Regulation

**3301(2)**

#### Meteorological ► Support ◀ Requirements

3301(2) ► ATS ◀ Units **shall** ► ensure that meteorological support required for the provision of an ATS meets the minimum standards. ◀

### Acceptable Means of Compliance

**3301(2)**

#### Meteorological ► Support ◀ Requirements

3. ► ATS ◀ Units **should** determine the level of meteorological support required in accordance with JSP 465<sup>1</sup>◀. As a minimum, this **should** include ► provision of Meteorological Aerodrome Reports, Special Observations, Terminal Area Forecasts, and Regional Pressure Settings. ◀

- a. ►◀
- (1) ►◀
    - (a) ►◀
  - (2) ►◀
    - (a) ►◀
  - (3) ►◀
  - (4) ►◀
  - (5) ►◀
  - (6) ►◀

<sup>1</sup> ► Refer to JSP 465 Part 2 Volume 3, Guidance on Defence Meteorological Services. ◀

Acceptable Means of Compliance 3301(2)

- (7) ▶▶
- b. ▶▶
- (1) ▶▶
- (2) ▶▶
- (3) ▶▶
- (4) ▶▶
- (5) ▶▶
- (6) ▶▶
- c. ▶▶
- (1) ▶▶
- (2) ▶▶
- (3) ▶▶
- (4) ▶▶
- (5) ▶▶

4. ▶ Units **should** maintain arrangements to ensure continuity of meteorological support during operational hours. ◀

5. ▶▶

Guidance Material 3301(2)

**Meteorological ▶ Support ◀ Requirements**

6. ▶ JSP 465<sup>1</sup> provides detailed procedures for observation and reporting standards, forecasting practices, and equipment and personnel qualifications. ◀