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**AIP  
SUP  
AIP SUP 04/26  
22 JAN 2026**

## IMPLEMENTATION OF WIDE AREA MULTILATERATION (WAM) IN JEDDAH TMA

### 1 . PURPOSE

1.1 This AIP Supplement advises airspace users of the implementation of a WAM surveillance system in Jeddah TMA as a trial phase for 80 days which will be started from 26 JAN 2026.

1.2 WAM provides an additional (third) surveillance layer to enhance terminal operations and support approach services within the defined coverage.

### 2 . SCOPE

**2.1 Lateral coverage:** Radial distance of up to 125 NM of the DVORTAC, JDW.

**2.2 Area of responsibility:** ATS units providing service within Jeddah TMA.

**2.3 System integration:** The WAM is a stand-alone surveillance sensor network with dedicated interrogation and central processing, integrated with ATM system.

**2.4 WAM mode:** The WAM system supports ADS-B, Mode A, Mode C, and Mode S transponder signals using multilateration techniques.

### 3 . DESCRIPTION OF CHANGES

**3.1 New surveillance data source:** WAM-derived tracks will be available to ATC alongside existing system [ e.g. MSSR].

**Use in operations:** The introduction of **Wide Area Multilateration (WAM)** does not change existing ATS separation minima or published procedures. WAM provides enhanced surveillance performance within its coverage area and used to improve situational awareness, identification, and monitoring of aircraft.

### 4 . OPERATIONAL IMPACT

#### 4.1 ATC

a. Controllers may use WAM-derived tracks as an additional surveillance source within the published coverage.

b. No change to sectorization, phraseology, or published vectoring areas.

#### 4.2 Pilots/Operators

a. No changes to flight planning, FMS use, or on-board equipment requirements beyond those already published.

b. Pilots shall continue to comply with existing ATC instructions and published procedures.

### 5 . AIP AFFECTED / FUTURE INCORPORATION

5.1 The information introduced by this SUP will be incorporated into the AIP under ENR 1.6

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**6 . VALIDITY, EFFECTIVE DATE & CANCELLATION**

6.1 Effective: [AIRAC 04/26, 16 APR 2026] 0000 UTC.

6.2 This SUP remains in force until its contents are replaced by an AIP SUP or cancelled by a NOTAM

**7 . CONTACT**

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