

**Sultanate of Oman
Public Authority for Civil Aviation
Aeronautical Information Management
P. O. Box 758
POSTAL CODE 111
MUSCAT**

TEL : (968) 24 354955
FAX : (968) 24 519850
AFS : OOMSUNYX
E.MAIL : sdc@paca.gov.om

**AIC
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The establishment and operations within the Mandatory Broadcasting Zone (MBZ) around Suhar Airport.

1- Introduction

- 1.1** The diversity and nature of aircraft operations in Class G airspace in the immediate vicinity of Suhar Airport has occasionally led to potential conflicts between aircraft known to ATSU and unknown aircraft operating in that area. To help address this issue and thereby enhance the safety of IFR flight operations whilst having minimal impact upon aircraft operations, Mandatory Broadcasting zone (MBZ) is established around Suhar Airport to raise situational awareness for all within the surrounding airspace.
- 1.2** The creation of an MBZ allows the airspace to retain its original classification, yet also allows for enhanced situational awareness for all users. This therefore increases safety for all aircraft flying in the MBZ while imposing minimal additional restrictions.
- 1.3** In order to ensure that all aircraft operating on the ground or within the zone are listening on a common frequency and following standard reporting procedures, the activation of radios on board all aircraft operating within the MBZ is compulsory at any time, all flight crews, shall maintain continuous air-ground voice communication watch and establish two-way communication on the appropriate communication channel in accordance with the reporting procedures set out in section 5 below.
- 1.4** All aircraft operating within the MBZ shall broadcast their position, intention and altitude on the broadcast frequency 118.725 MHz (Suhar Information) using standard ICAO phraseology.

2- Definition :

Mandatory Broadcasting zone – (MBZ): Designated zones in uncontrolled airspace in which an aircraft operator must make a number of broadcasts on the radio frequency assigned to the MBZ to report position and intention. These areas are designated due to high traffic density or special circumstances.

3- Acronyms

Acronyms shall be added as follows :

The acronyms and abbreviations used in this AIC are listed below:

ACC : Area control centre

AIP : Aeronautical Information Publication

AMSL : Above mean sea level

ARP : Aerodrome reference point
ATSU : Air Traffic Services Unit
HJ : Sunrise to sunset
HLDG : Holding
IAS : Indicated Airspeed
ICAO : International Civil Aviation Organization
IFR : Instrument Flight Rules
KT : Knots
MBZ : Mandatory Broadcasting Zone
VFR : Visual Flight Rules

4- ATS Airspace:

- Designation and lateral limits: Suhar MBZ, Circle of 10NM radius centred on Suhar ARP (N242309.98 E0563732.23) limited to the North by the line joining points: 243305.88N 0563933.48E and 241822.80N 0564725.02E and in the South by the line joining points: 241319.60N 0563522.36E and 242742.83N 0562750.10E.
- Vertical limits: 7500 ft AMSL.
- Airspace classification : Class G
- The hours of operation of the MBZ is aligned with the promulgated Suhar AFIS hours of operation. Daily From Sunrise to Sunset - HJ.

5- Rules of the air in the Mandatory Broadcasting zone (MBZ)

5.1 Within the MBZ the following rules of Airspace Class "G" are to apply:

- a) IFR and VFR flights are permitted and receive flight information service if requested;
- b) All IFR flights shall be requested continuous air-ground voice communications;
- c) A speed limitation of 250 Kt IAS applies to IFR flights below 10 000 ft (3050 m) AMSL;
- d) ATC clearance is not required.

5.2 To the extent possible and within the coverage area of the facilities, Muscat ACC will provide a radar derived advisory service to IFR and VFR flights operating in class G airspace.

6- Communication Procedures at Suhar Mandatory Broadcasting zone (MBZ)

The following reporting procedures shall be followed by all flights operating within Suhar MBZ:

- a) Before Entering the MBZ :

Five minutes before entering the Mandatory Broadcasting zone (MBZ), an initial call shall be made containing:

- The designator of the station being called (Suhar Information);
 - Call sign;
 - Type of aircraft;
 - Position;
 - Flight level or altitude;
 - The intention of the flight crew.
- b) Arrival:

- i. Report entering the MBZ, , giving the aircraft's position, altitude and estimated time of landing and the pilots in- command's arrival procedure intentions;
- ii. Report when on final approach; and,
- iii. Report when clear of the runway on which the aircraft has landed.

c) In aerodrome traffic circuit:

When joining the aerodrome traffic circuit:

- i. Report aircraft callsign, position in the circuit and altitude;
- ii. Blind calls shall be made for changes in altitude and direction; and
- iii. Blind calls shall be made to other aircraft in the same airspace to announce the crew's own intentions.

d) Flying Through the MBZ

- i. Report before entering the MBZ and, where circumstances permit, shall do so at least five minutes before entering the area, giving the aircraft's position and altitude and the pilot-in-command's intentions; and,
- ii. Report when clear of the MBZ.

e) Before Entering Manoeuvring Area :

The crew of a departing aircraft must blind call, on 118.725 MHz, the crews of other aircraft on the ground or in MBZ to inform them about its location and intent.

f) Departure :

- i. Before moving onto the take-off surface, report the aircraft callsign, the runway to be used for take-off, and the pilot's intentions after take-off. If a delay is encountered, broadcast intentions and expected length of delay, then rebroadcast departure intentions prior to moving onto the take-off surface;
- ii. After takeoff, report departing from the aerodrome traffic circuit, and maintain a listening watch on 118.725 MHz until clear of the MBZ.

7- Non-Radio Aircraft

7.1 The pilot of an aircraft that wishes to operate in an MBZ without the necessary radio equipment is to do so in accordance with agreed arrangements with Muscat ACC. This require the pilot to contact Muscat ACC on TEL: +968-24354888 prior to departing, stating the route information and estimated MBZ exit and entry times.

7.2 Prevailing traffic conditions may preclude Muscat ACC approval to non-radio aircraft to operate within an MBZ.

8- Entry Into Force

The provisions of the present AIC come into force from January 4th, 2018.

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-This AIC includes 3 pages-