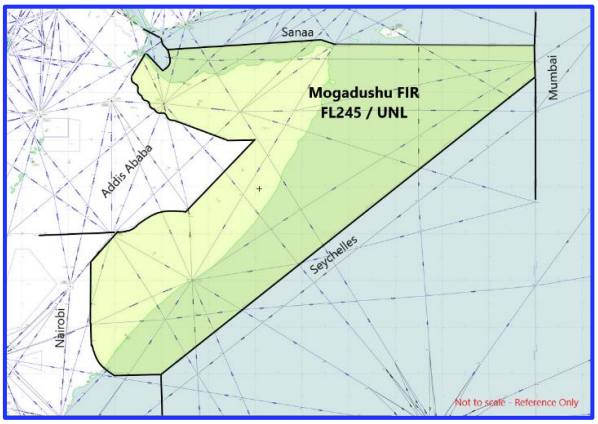
ITOP Brief

Mogadishu FIR – Class A Airspace Trial

Type: ITOP ACE | **Region:** East Africa | **IATA Office:** Africa & Middle East | **Contact:** IATA_AME@IATA.org

Background

The Mogadishu Flight Information Region (FIR), spanning the territory of Somalia and adjacent oceanic airspace, classified as Class G, (Flight Information Service), is undergoing an airspace and procedural trial as a precursor for an eventual permanent upgrade in airspace and services (Class A – Air Traffic Control). The Somalia Airspace Special Coordination Team (SASCT), comprising of the Somali CAA, IATA, ICAO, adjacent FIRs, and core RCG (Regional Coordination Group) airline team members, are working collaboratively to support a safe and effective implementation of Class A airspace at and above Flight Level 245 (FL245) in the Mogadishu FIR.



Status Update

19JAN23 13:30UTC

- During the SASCT4 held 17JAN23, it was agreed by stakeholders that the operationalization of the Class A Airspace within the Mogadishu FIR at and above FL245, will go ahead as published in AIRAC AIP SUP 01/23.
- Somalia NOTAM A0155/22 has been replaced by A0010/23 which will self-cancel at 00:01UTC on 26JAN23.
- Trigger NOTAM A0005/23 has been cancelled and new trigger NOTAM A0012/23 has been issued, triggering the effective of the AIRAC AIP SUP 01/23 at 00:01UTC on 26JAN23.
- IATA AME, and the core group of the SASCT will continue to monitor the operational implementation for a period of not less than 6 months,
- Members are encouraged to share ASR, crew reports and operational experience with the IATA AME OPS desk at IATA_AME@IATA.ORG

21NOV22 15:00UTC

- The Class A operational trial period has been extended to 24 hours a day effective 28NOV22. Refer to NOTAM A0155/22
  (A0155/22 NOTAMN
  Q) HCSM/QSCAH/IV/BO/E/245/999/0200N04518E002
  A) HCSM
  B) 2211280300 C) 2301261800EST
  E) REF AIRAC AIP SUP 02/22 - OPERATIONAL TRIAL PROCEDURE FOR THE PROVISION OF AREA CONTROL SERVICE WITHIN MOGADISHU FIR. THE FOLLOWING CHANGES APPLY:
  1.OPERATIONAL TRIAL ABOVE FL 245 EFFECTIVE PERIOD EXTENDED TILL 25 JAN 2023.

2.HOURS OF CLASS A OPERATIONAL TRAIL H24 DLY.
3.ATC ON THE JOB TRAINING TAKING PLACE DAILY BTN 0300 - 1800 UTC.
F) FL245 G) UNLD)

- Class A Trial final review will be held early JAN23. **Airspace users are invited to share operational experience and safety related feedback with** IATA_AME@iata.org **by 30 Dec 2022.**
- Full Class A operational implementation expected 26 JAN 2023. Refer AIRAC AIP SUP 01/2023 dated 17NOV22 for effective date 26JAN2023.

21SEP22

- The Class A operational trial period has been extended to 25JAN23. Refer NOTAM to A0135/22
  A0135/22 NOTAMR A0134/22
  Q) HCSM/QSCAH/IV/BO/E/245/999/0200N04518E002
  A) HCSM B) 2209211822 C) 2301252359 EST
  D) 0300-1800 UTC
  E) REF AIRAC AIP SUP 02/22.
  OPERATIONAL TRIAL PROCEDURE FOR THE
  PROVISION OF AREA CONTROL SERVICE WITHIN MOGADISHU FIR.
  THE FOLLOWING CHANGES APPLY:
  1.OPERATIONAL TRIAL ABOVE FL 245 EFFECTIVE
  PERIOD EXTENDED TILL 25 JAN 2023.
  2.DURING THE PERIOD BTN 0300-1800 DLY ATC
  ON-JOB-TRAINING TAKING PLACE.
  3.OUT SIDE THESE HRS FLIGHT INFORMATION SERVICE IS PROVIDED.
  F) FL245 G) UNL

23MAY22

- The Bosaso VHF relay is now operational. VHF coverage on FREQ 132.5MhZ now possible within 240NM of Basoso. (Northern part of the FIR). refer NOTAM A0099/22.
  (A0099/22 NOTAMN
  Q) HCSM/QCACS/IV/B/AE/000/999/1116N04912E005
  A) HCMF
  B) 2206230822 C) PERM
  E) HCMF EXTENDED VHF COVERAGE OF 240NM RANGE CENTERED ON POSITION (1116N04908E) IS OPERATIONAL ON FREQ 132.5MHZ.)

10MAY22

- **Trial Period and Hours of Operation**
  - Class A airspace operational trial will take place "Daily" from 11MAY22 until 21SEP22, between 03:00 – 18:00 UTC (Universal Time Coordinated).
- **Airspace Classification, Service and Separation Standard**
  - The airspace shall be classified as Class A during the defined hours of operation.
  - Air Traffic Control Services will be provided based on procedures defined in ICAO Doc 4444, PANS ATM.
  - The following separation standards will be applied:
    - FL410 and above, 2000FT vertical separation.
    - FL400 and below, 1000FT vertical separation.
    - 10-minute horizontal/longitudinal separation applied to:
      - Aircraft operating on the same Track, at the same cruising level
      - Aircraft operating on crossing tracks at the same cruising level
      - Aircraft climbing or descending at the time the same level is crossed
      - Traffic on reciprocal tracks, where lateral separation is not provided
- **Communication**
  - Voice Air/Ground Communication
    - VHF FREQ 132.5 MHz within 240NM of position MOGDU.
    - HF FREQ

        - Day Primary11300Khz
        - Day Secondary 8879Khz 13288Khz
        - Night Primary 5517Khz
        - Nigh Secondary 11300Khz 3467Khz
    - Call Sign – Mogadishu Control
    - CPDLC (Controller Pilot Datalink Communication), for FANS1 equipped aircraft. Logon address HCSM
    - SATCOM (Satellite Communications System) numbers
        - +252 61 3350047
        - +252 62 3350047
        - +252 1857390
        - +252 1857391
        - +252 1857392
        - +252 1857393
- **Operational Recommendations and Requirements**
    - Aircraft operating in the Mogadishu FIR during the trial period are required to be equipped with a serviceable TCAS II (Traffic collision avoidance system).
    - It is recommended that capable aircraft apply Strategic Lateral Offset Procedure (SLOP) as published in Somalia AIP SUP 01/2019.
    - Crews should continue to apply IATA Inflight Broadcast Procedure (IATA ON001/2019-IFBP) within the Mogadishu FIR in addition to required two-way communication with Mogadishu Control.
- **Fallback / Contingency Procedures**
    - Should it, for any reason become necessary to discontinue the Class A trial, a NOTAM shall be issued to this effect and services reverted to Class G, Flight Information Service.
    - General communications failure procedures are published in Somalia AIP SUP05/2018, additionally SATCOM and CPDLC are available where voice communications over VHF or HF are not possible.
    - If all Air Traffic Services (Information and/or Control) become unavailable, the Somalia Contingency Plan as published in Somalia AIP SUP 03/2022 shall be applied.

Contact Details

All operational support queries should be directed to IATA_AME@iata.org