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ATM SG/11 & CNS SG/14

19-23 Oct. 2025 **MEETINGS** Abu Dhabi, UAE





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Emirates ACC ATFM Unit



Purpose for Adopting ATFM

Traffic Growth Challenge

Rapid increase in air traffic demand impacting capacity and controller workload

Operational Efficiency

Challenges of congestion and delays affecting operational efficiency

Sustainability & National Vision Alignment

Commitment to sustainability by reducing aircraft emissions through minimized air holding and optimized flow management, aligning with the United Arab Emirates vision for clean aviation.



Objective

Future of Air Traffic Management

To establish a resilient, data-driven, and highly collaborative ATFM ecosystem, enhancing air traffic predictability and operational efficiency across the airspace and region.

The issuance of the **ATFM Daily Plan (ADP) in August 2025** marks a foundational step in advancing Emirates ACC's ATFM capabilities.

Our strategic roadmap extends through 2030, focusing on relentless continuous improvement, automation/AI, and strengthened regional cooperation.

Our Commitment: We commit to continually enrich the development and implementation of advanced automated systems to support the growing demands of our operations.





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Emirates ACC ATFM Unit

Pilot Phase Progress

- In August 2025, Emirates ACC ATFM Unit started issuing daily ADPs.
- Stakeholder feedback: ADP provides clarity for planning.
- Scaling processes and stakeholder engagement.

Global benchmark: ATFM cuts en-route delays 39%.

[Source: EUROCONTROL \(2025\). EUROCONTROL Monthly Briefing: July 2025.](#)



ADP

The ADP is a daily pre-tactical planning document forecasting demand, NOTAMs, ATFM measures, and weather for next-day operations



Inputs

NOTAMs, MET, demand data, peak time



ADP Creation

Pre-tactical tool created daily by Emirates ACC ATFM Unit.



Stakeholders

Emailed to subscribed stakeholders (airlines, airports, ACCs)

For inquiries and subscription to EMIRATES ACC ATFM UNIT ADP, Email:
ATFM@szc.gcaa.ae





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ADP Content



Emirates ACC ATFM Unit

Emirates ACC ADP
Date of Issue: [17/09/2025]
Applicability Period: [18/09/2025] [0000-2359 UTC]

EXPECTED TRAFFIC DEMAND MOVEMENT:

Emirates FIR	OMAA	OMDB	OMDW	OMSJ	OMRK	OMFJ
Overfly	ARR	DEP	ARR	DEP	ARR	DEP
618	247	240	647	637	58	61
152	158	7	7	4	5	
Total Movement	2,841					

NOTAMS:

Location OMAE					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2359/25	25/08/2025	1500	20/09/2025	0230	Flow control procedures active, referencing OOMM NOTAM A0383/25. UAE departures from OMAA, OMAD, OMAL, OMAM, OMDB, OMDW, OMRK, OMSJ, must request departure slot time not earlier than 2 hours prior to airborne time between 1500-0230 UTC, except those routing via LALDO-IMLOT, landing at OOMS, OOSH, OOSA, or via MEMTU. Contact: - OMAA (125.100 MHz or +971(0)2 599 8744), - OMAD (125.500 MHz or +971(0)2 444 7544), - OMAL (125.350 MHz or +971(0)3 709 2047), - OMAM (140.500/122.100 MHz or +971(0)2 505 5305), - OMDB (120.350 MHz or +971(0)4 505 6409), - OMDW (124.275 MHz or +971(0)4 813 1001), - OMRK (121.875 MHz or +971(0)6 508 4815).
A2561/25	18/09/2025	0000	19/09/2025	2000	Danger area OMD 24 activated for military activity, centered approximately 30.6 NM ESE of (OMA/AUH), from SFC-FL120.
A2630/25	18/09/2025	0400	25/09/2025	0600	ATS routes M318 (between ATUOD and MUXOT) and M550 (between GOLGU and RUBOT) closed due to military activity.



Location OMAA					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2231/25	16/09/2025	2330	18/09/2025	0230	Runway 13L/31R closed due to maintenance.
A2634/25	17/09/2025	0330	30/09/2025	0730	Runway 13L/31R closed for preventive maintenance. From 0330-0730 UTC and 1130-1400 UTC. Distance between RWY 13R/31L and RWY 13L/31R is 2000m.

Location OMDB					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2315/25	03/09/2025	2130	18/09/2025	2215	Runway 12R/30L closed due to maintenance.
A2420/25	03/09/2025	1100	23/09/2025	1400	Runway 12L/30R closed due to maintenance.

Location OMSJ					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2544/25	09/09/2025	0600	19/09/2025	0600	Runway 12/30 may be slippery when wet. AIRCRAFT EXERCISE CAUTION.

Location OMFJ					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2162/25	09/09/2025	0600	19/09/2025	2359	Runway 11R/29L may be slippery when wet. AIRCRAFT EXERCISE CAUTION.



Location OMAL					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A2435/25	29/08/2025	1210	28/10/2025	0800	Runway 01/19 slippery when wet. AIRCRAFT EXERCISE CAUTION.

Location OOMM					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
A0544/25	31/08/2025	1700	28/11/2025	0300	Due to high-density traffic in Muscat FIR over points RASKI and PARAR: 1) Traffic destined for VABB (Mumbai), VOHS (Hyderabad), RPPL (Manila), and VGHS (Dhaka) is not permitted to route via RASKI; 2) Traffic destined for WSSS (Singapore), VTSP (Phuket), and VTBS (Bangkok) is not permitted to route via RASKI and PARAR. Operators must plan alternative routes. Affects airspace from SFC-UNL.
A0383/25	02/07/2025	1700	20/09/2025	0230	Due to air traffic congestion in Muscat FIR, flow control measures are implemented for UAE departures daily from 1700-0230 UTC. Measures include: 1) 4-minute longitudinal separation between successive departures entering OOMM FIR via LABRI or TARDI (treated as two points); 2) 4-minute longitudinal separation between successive departures via LALDO or GOMTA (treated as one point); 3) UAE departures to maintain 290 knots during measures. Exemptions: except those routing via LALDO-IMLOT, landing at OOMS, OOSH, OOSA, or via MEMTU. Affects airspace from surface to unlimited.



EXPECTED WEATHER FORECAST:

Remark
- Fair to partly cloudy. Humid by night and Friday morning over some coastal and internal areas with a probability of fog or mist formation. Light to moderate Southeasterly to Northeasterly winds, with a speed of 10 - 25 reaching 35 km/hr.



For more detailed information please visit: [Aviation Meteorology - NCM](#)

ADDITIONAL / IMPORTANT INFORMATION:

Remark
- Expected Arrival peak time: 0730 UTC-0100 UTC, 1430 UTC-2030 UTC, and 0000 UTC- 0130 UTC. - Traffic landing OMDB may experience delays due to arrival peaks during the specified times. AMAN (Arrival Manager) will be activated during peak periods, with an expected arrival rate of 34-36 aircraft per hour. - Expected Departure peak time: 0400 UTC-0600UTC. - Departure traffic may anticipate delays and level restriction during these times.

EMIRATES ACC ATFM UNIT CONTACT DETAILS:

Email: ATFM@sac.gcaa.ae
Emirates ACC ATFM Unit -- Sheikh Zayed Air Navigation Center

Traffic Demand

Expected traffic demand segmented

EXPECTED TRAFFIC DEMAND MOVEMENT:

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Total Movement	2,841											

Expected traffic demand movement in the ADP refers to the projected pattern of air traffic volume across the Emirates FIR Overfly and local airport arrival's and departure's expected for next day's operations. It is a component of the ADP, enabling Emirates ACC ATFM Unit stakeholders to anticipate and manage traffic effectively.





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NOTAMs

Active NOTAMs impacting airtraffic

NOTAMs in the ADP are official notifications included by the Emirates ACC ATFM Unit to highlight temporary changes or restrictions in the Emirates FIR that could impact air traffic operations. These are added daily to the ADP to ensure proactive management of arrivals, departures, and overflying traffic.

Location					
OOMM					
NOTAM Ref.	Start Date	Start Time (UTC)	End Date	End Time (UTC)	Summary
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A2561/25	18/09/2025	0000	19/09/2025	2000	Danger area OMD 24 activated for military activity, centered approximately 30.6 NM ESE of (OMA/AUH), from SFC-FL120.
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Weather Forecasts

Relevant weather forecasts influencing flow management

Weather forecasts in the ADP are daily meteorological predictions from National Center of Meteorology included by the Emirates ACC ATFM Unit to anticipate conditions that could affect air traffic across the Emirates FIR.

Operational Information

Important operational info such as Arrivals and Departures peak hours

Operational information in the ADP provides real-time and scheduled data to support air traffic management across the Emirates FIR.

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- Departure traffic may anticipate delays and level restriction during these times.



Next Steps

01

Web-based Dashboard

Develop and launch a web-based ADP dashboard (UACACC or a dedicated ATFM portal)

02

Automation

Automate ADP creation and integrate real-time NOTAM and MET data

03

AI Implementation

Research and implement AI for enhanced demand prediction and flow optimization

04


Stakeholder Engagement

Expand stakeholder engagement and build regional collaboration framework

05

Coordination Meetings

Establish regular online coordination meetings/conference calls

 **Continuous development:** Commit to adding new features and system improvements as part of ongoing ATFM operational excellence



Action by the Meeting

- a) Take note of the content of this paper
- b) Invite States/Industry to join the Emirates ACC ATFM ADP
- c) ICAO MID to take note of the UAE's progress updates in light of receiving the new survey





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Open Discussion Q&A



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Thank You

Emirates ACC ATFM Unit

Building the Future of Emirates Airspace Management





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THANK YOU

