



SAFE SKIES.
**SUSTAINABLE
FUTURE.**



ICAO APAC/MID ATFM-FF-ICE Seminar 2025

Dubai, UAE, 23 – 26 February 2025

ATFM New Provisions

Elie El Khoury

Technical Officer, Air Traffic Management

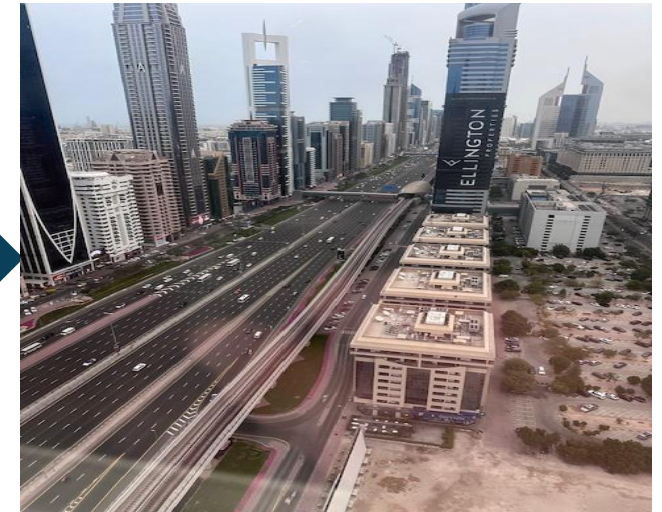
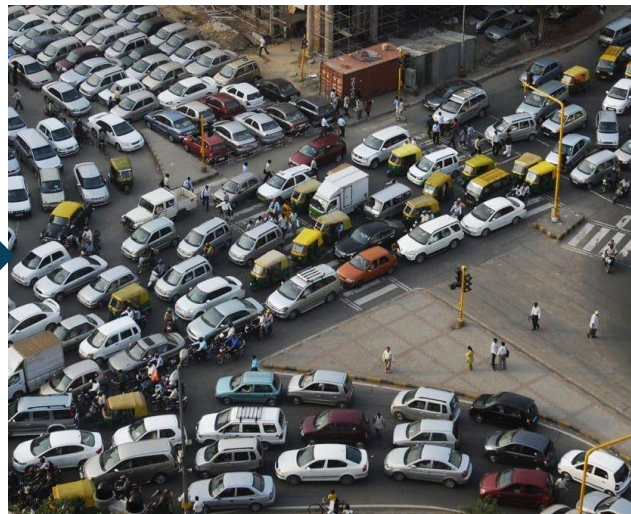
Air Navigation Bureau Regional Coordinator

International Civil Aviation Organization (ICAO)

Amendment of the ICAO Provisions related to ATFM (Annex 11 and PANS-ATM) and the guidance material in Doc 9971



ATFM is **demand/capacity** balancing



Why ATFM Collaboration?

Contingencies



ATFM Provisions - what's new?

Currently in PANS-ATM

ATFM service shall be implemented for airspace where traffic demand at times exceeds the defined ATC capacity.

New Standards in Annex 11

- States shall ensure the establishment of ATFM service that supports cross-border ATFM cooperation.
- Determination and declaration of the ATC capacity in the form of **Strategic Capacity** and **Operational Capacity**.
- Coordination and communication **between ATFM units**;
- Exchange of ATFM information.

New Recommendation in Annex 11

*ATFM should be implemented on the basis of **multilateral** agreements and where possible as a **centralized** ATFM organization*

ATFM Provisions - what's new?

- Civil Aviation Regulations

- ATFM unit with defined area of responsibility,

an ATFM unit may be established as a separate unit or combined with an existing unit, such as an air traffic control unit.

The area of responsibility of ATFM units should be related to the need for effective and efficient ATFM services rather than to boundaries established for other services

- FMPs

A point of contact designated by an ATC unit to be responsible for coordination with the ATFM unit concerned.

A flow management position may be established as a standalone position or combined with an existing position.

- Determination of **strategic** and **operational** capacities for the controlled airspace and designated aerodromes.

ATFM Provisions - what's new?

- ATFM service into 4 phases:
 - Strategic planning: 7 days or more
 - Pre-tactical: 1 to 6 days
 - Tactical: on the day
 - Post operations: after
- Information to be provided to ATFM units
- Exchange of information between ATFM units
- Communication of ATFM units with ATS units, FF-ICE services units, operators, aerodromes, etc.
- FPL and eFPL:

ATC unit receiving FPL message shall distribute it to the ATFM units serving their airspace.

The FF-ICE services unit shall ensure that the filed flight plan is made available to all ATS units and ATFM units concerned within its area of responsibility

ATFM Provisions - what's new?

Inclusion of ATFM messages:

General ATFM information

- Publication or revision of the ATFM daily plan (ADP)
- Activation and revision of ATFM measure
- Cancellation of ATFM measure

Flow-specific ATFM information

- Re-route flow information
- Level capping flow information
- Cancel ATFM measure flow information

Flight-specific ATFM information

- Ground delay programme flight information
- Ground stop flight information
- Re-route flight information
- Level capping flight information
- Airborne delay programme flight information
- Cancel ATFM measure flight information

ATFM measures mitigation information

- Request ATFM measure slot swap
- Request ATFM measure flight calculated take off time (CTOT) adjustment
- Request ATFM measure flight exclusion or re-inclusion
- Request ATFM measure flight manual exemption

ATFM Guidance - what's new?

10

Doc 9971: Manual on...

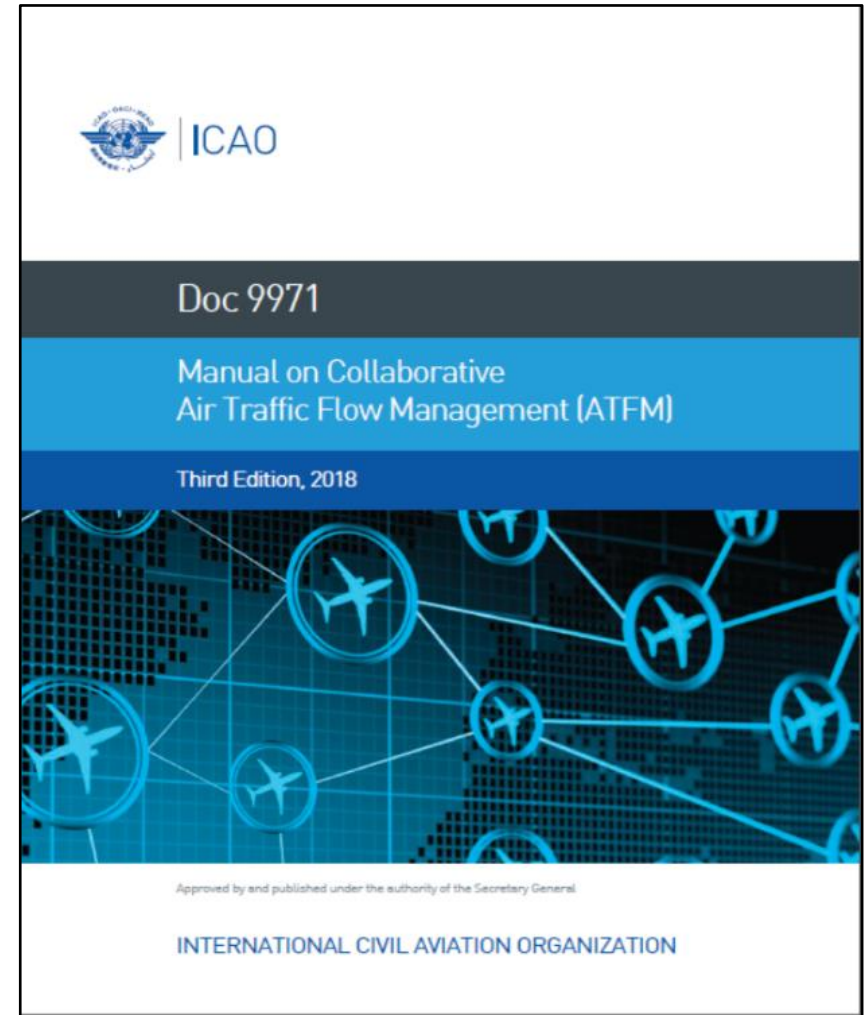
Doc 9971 was published in 2012 (3rd Edition in 2018)

Part 1 – Collaborative Decision Making (CDM)

Part 2 – Air Traffic Flow Management (ATFM)

Part 3 – Airport CDM (A-CDM)

New Part 4: Operational Handbook





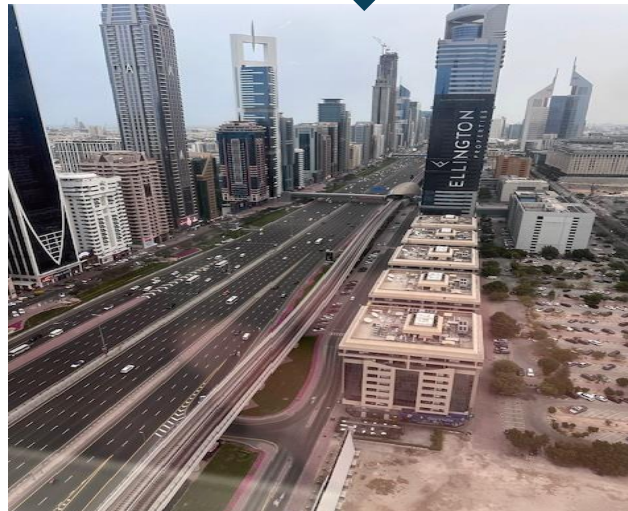
Long Term Objective is to achieve the
ATFM NETWORK OF THE NETWORKS
For Global Cooperation

ATFM cross-border
Intra-regional and regional ATFM
Inter-regional ATFM



Evolved ATFM

12



Thank You

