



# Air Traffic Flow Management (ATFM) Task Force





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# ATFM TF Background

- ✓ TF established an ANI/WG/1 in 2013
- ✓ Objective: work collaboratively and develop a regionally interoperable ATFM framework in the NACC consistent with ICAO Doc 9971



# ATFM TF Progress in last 12 months

- ✓ Monthly web conference meeting held
- ✓ Collaborative Decision Making (CDM) online workshop available at <https://tfmlearning.faa.gov/tfm-training/atfm-basics/index.html>
- ✓ ATO ATCSCC Virtual Air Traffic Flow Management Workshop held in January 2024 with over 140 international participants, including many from the Western Hemisphere
- ✓ 2025 edition of the Virtual ATFM workshop will be held Jan 15<sup>th</sup> & 16<sup>th</sup> 2025 with a capacity of 1,000 attendees. All are invited. See <https://tfmlearning.faa.gov/course-offerings.html>, 50113101 FY25 Agenda (Virtual) for details and registration



# ATFM TF Deliverables and Results

- ✓ ATFM minimum requirements for the CAR region - The ATFM Taskforce will continue to work with the secretariat on the development of the CAR/SAM ANP Vol 3
- ✓ ATFM Performance Measurement:
  - Continuing analysis of Performance Measurement capabilities within the Region
  - Monthly taskforce meetings focus on identifying which KPIs are appropriate for regional efforts on standardized KPIs
    - ❑ TMM effectiveness (KPIs 06,09, 10)
    - ❑ TMM compliance (KPIs 01, 03, 14)
    - ❑ TMM Impact (KPIs 02, 04, 05, 07, 08, 11, 12, 13, 15, 16, 17, 18, 19)

# ATFM TF Deliverables and Results

- ✓ The ATFM taskforce continues to support, promote and utilize CADENA capabilities and resources for Cross Border, Regional ATFM implementation
  - Hurricane Planning, real-time mitigations, CDM updates (including flight operators), review and improvement
  - Other contingencies as they occur (power, CNS outages, staffing and equipment constraints, runway availability, etc.)
  - CADENA CDM support for special event planning, execution and post-event evaluation

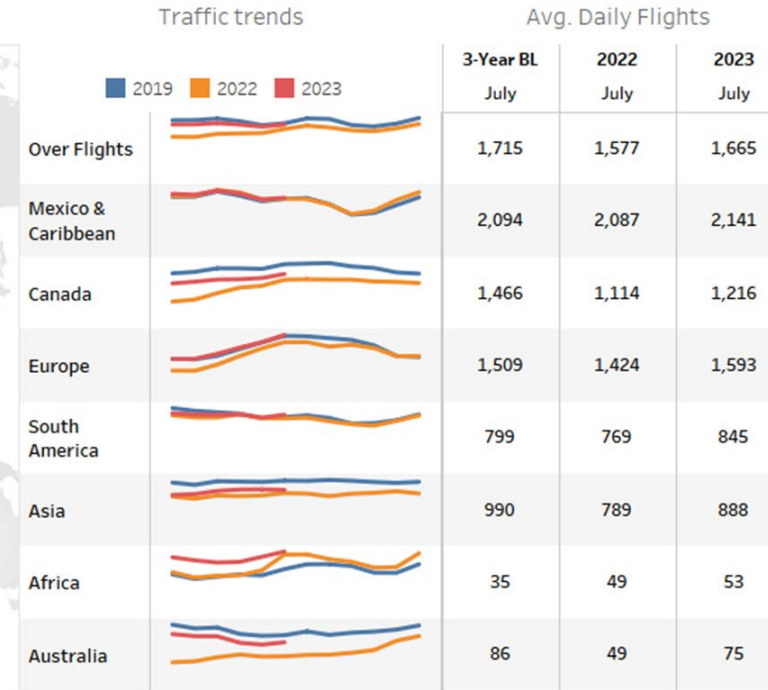
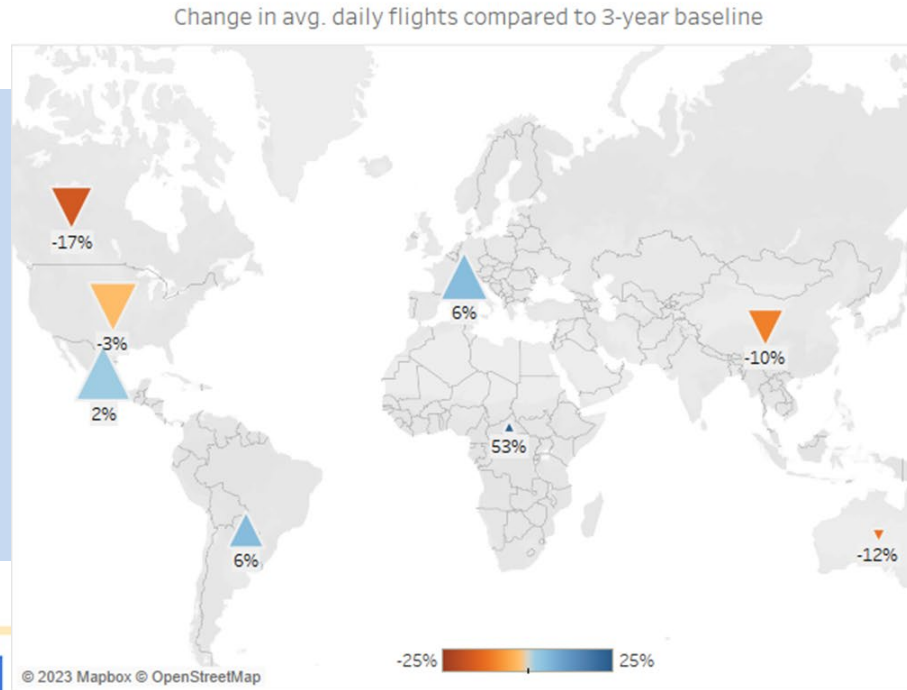
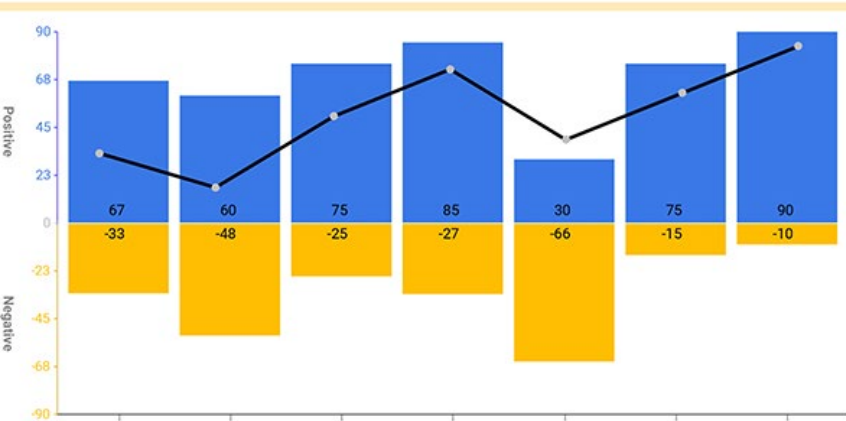


# ATFM TF Future Work Programme priorities - 1

- ✓ Improve capacity to conduct Pre-Event planning and Post-Event data driven analysis
- ✓ Improve seasonal planning review capabilities
- ✓ Continue Collaborative Decision Making outreach via virtual workshops.
- ✓ Continue efforts to enable ANSPs to connect to a basic ATFM platform for real-time demand visualization and awareness.

# ATFM TF Future Work Programme priorities - 2

✓ Improve Pre-Event Planning and coordination, collaboration with stakeholders



- ✓ Improve Post-Event Analysis.
- ✓ Improve Seasonal Review Capability with stakeholders.





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# North America International Sporting Competitions

- ✈ 2024 Cricket T20 World Cup, Copa America
- ✈ 2025 FIFA Club World Cup, CONCACAF Gold Cup
- ✈ 2026 FIFA Men's World Cup
- ✈ 2028 Summer Olympics – Los Angeles (and other locations).



# ATFM TF Future Work Programme priorities - 3

Task force will support planning for the FIFA 2026 World Cup which will be held in three states within the region. And flows could impact multiple ANSPs in the NACC.

CADENA will be a key tool for TMM collaboration





## Canada

- ✓ Toronto – BMO Field
- ✓ Vancouver – BC Place

## Mexico

- ✓ Guadalajara – Estadio Akron
- ✓ Mexico City – Estadio Azteca
- ✓ Monterrey – Estadio BBVA

## USA

- ✓ Atlanta – Mercedes-Benz Stadium
- ✓ Boston – Gillette Stadium
- ✓ Dallas – AT&T Stadium
- ✓ Houston – NRG Stadium
- ✓ Kansas City – Arrowhead Stadium
- ✓ Los Angeles – SoFi Stadium
- ✓ Miami – Hard Rock Stadium
- ✓ New York/New Jersey – MetLife Stadium
- ✓ Philadelphia – Lincoln Financial Field
- ✓ San Francisco – Levi's Stadium
- ✓ Seattle – Lumen Field



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# ATFM TF Conclusions and Recommendations

- ✓ The ATFM TF will continue to support the region in its ongoing evolution toward better strategic decision making
- ✓ The ATFM TF will maintain its advisory role in establishing performance measurement in the region
- ✓ The ATFM TF continues to encourage and promote the use of the CANSO Air Traffic Flow Management Data Exchange Network for the Americas (CADENA) platform as a mechanism to facilitate data sharing and promote a common situational awareness that is vital to the safe, efficient, and harmonized flow of air traffic.



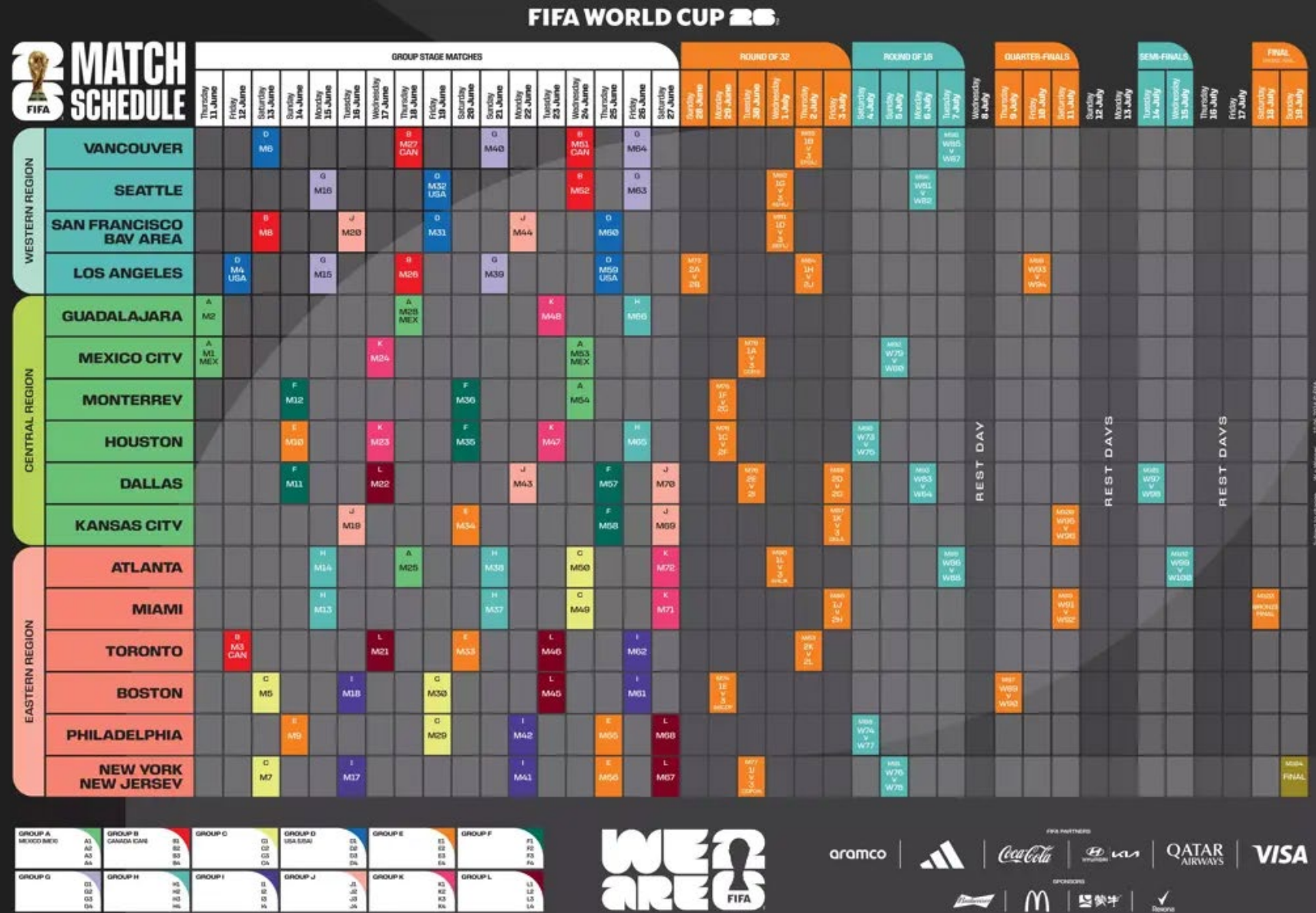
# ICAO CAPACITY & EFFICIENCY

City	Stadium	Airport Authorities	ATS Providers
Toronto	BMO Field	GTAA	Toronto ACC, CYYZ, NTMU
Vancouver	BC Place	VAA	Vancouver ACC, CYVR, NTMU, ZSE
Guadalajara	Estadio Akron	GAP	MMEX ACC, Guadalajara Apch Control, MMGL, SMARTMEX
Mexico City	Estadio Azteca	GACM	MMEX ACC, MMMX, MMSM, MMTO, SMARTMEX
Monterrey	Estadio BBVA	OMA	MMTY ACC, Monterrey Apch Control, MMTY, SMARTMEX
Atlanta	Mercedes Benz Stadium	Atlanta DOA	ZTL, A80, ATL, PDK, ATCSCC
Boston	Gillette Stadium	MassPort	ZBW, A90, BOS, ATCSCC
Dallas	AT&T Stadium	DFW, City of Dallas	ZFW, D10, DFW, DAL, ATCSCC
Houston	NRG Stadium	HAS	ZHU, I90, IAH, HOU, ATCSCC
Kansas City	Arrowhead Stadium	Kansas City DOA	ZKC, MCI, MKC, ATCSCC
Los Angeles	SoFi Stadium	LAWA	ZLA, SCT, LAX, BUR, VNY, LGB, SNA, ONT, ATCSCC
Miami	Hard Rock Stadium	Miami-Dade Aviation Dept.	ZMA, MIA, PBI, ATCSCC
NY/NJ	MetLife Stadium	PANYNJ	ZNY, ZBW, ZDC, ZOB, N90, EWR, JFK, LGA, TEB, ATCSCC
Philadelphia	Lincoln Financial Field	Philadelphia DOA	ZNY, ZBW, ZDC, ZOB, PHL, PNE, ATCSCC
San Francisco	Levi Stadium	City of SFO, SJC AP Comm, Port of Oakland	ZOA, NCT, SFO, OAK, SJC, ATCSCC
Seattle	Lumen Field	Port of Seattle	ZSE, SEA, ATCSCC, Vancouver ACC

Match schedule released

Next step – FIFA will release Team Base Camp Candidates. Teams will select their pool play training location after the draw.

Next meeting with FIFA will be in October







## FIFA has already advised of their flight priorities

- ❖ VIP, VVIPs, heads of state – special airport landside arrangements
- ❖ Game Officials, based in Miami and will fly commercial to all game locations, returning to MIA the day after the game
- ❖ Teams will be based at their selected base camp locations during pool play and then travel to game locations via FIFA chartered flights
- ❖ FIFA support personnel will fly commercial days before and after the games at each location.
- ❖ VVIP movement between the 3<sup>rd</sup> place game in MIA and the Final in NYC via chartered flights
- ❖ FIFA would like all flights they are involved with to be exempt from all TMMs, however, that is unrealistic
- ❖ FIFA will base a country transportation representative in Mexico City at SmartMex, Toronto at NTMU and at the ATCSCC to communicate any problem flights and the FMUs will do what is possible to assist, weather and volume permitting.



## Discussion - Opportunities to leverage CADENA

- ☐ Qualifying teams and competition draw will determine many of the concerns for the region.
- ☐ Most ANSPs will likely see increased volume prior to and after the tournament.
- ☐ CADENA planning web conferences are a key cross border ATFM coordination mechanism.
- ☐ Lessons learned from West Indies/USA Cricket T20 World Cup – have a plan for peak volume and then implement if the volume materializes.



# ATFM TF WP Suggested Action

The meeting is invited to:

- ☐ Evaluate the progress of the ATFM Task Force detailed in this paper; and
- ☐ Support the conclusions and recommendations

