



**MANAGING SKIES**  
**SECURING LIVES**

# Saudi Network Manager



**BEYOND** 

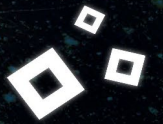
## VISION

To be a **globally best-in-class air traffic services, solutions, and innovative technologies provider.**

## MISSION

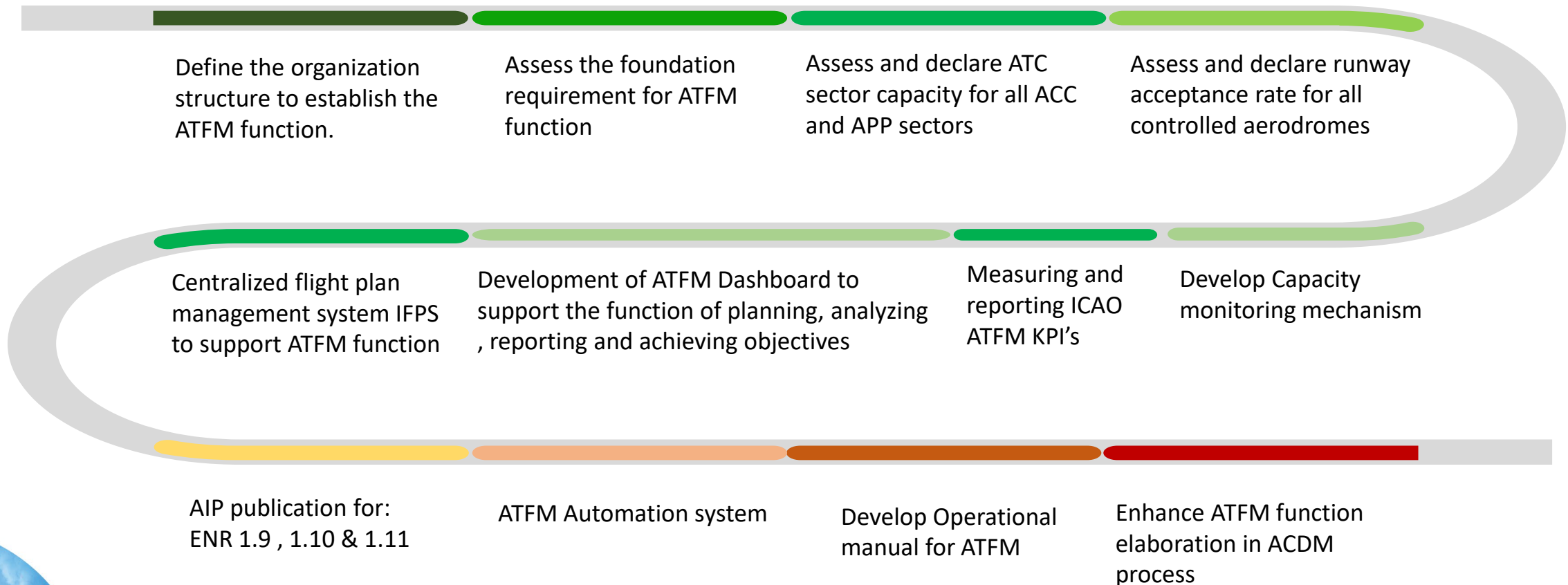
Providing **outstanding Air Navigation services at a global level across mandated and commercial business, enabled by its recognized leadership in safety, efficiency, and technology innovation.**

# SANS ON THE MAP OF Saudi Arabia



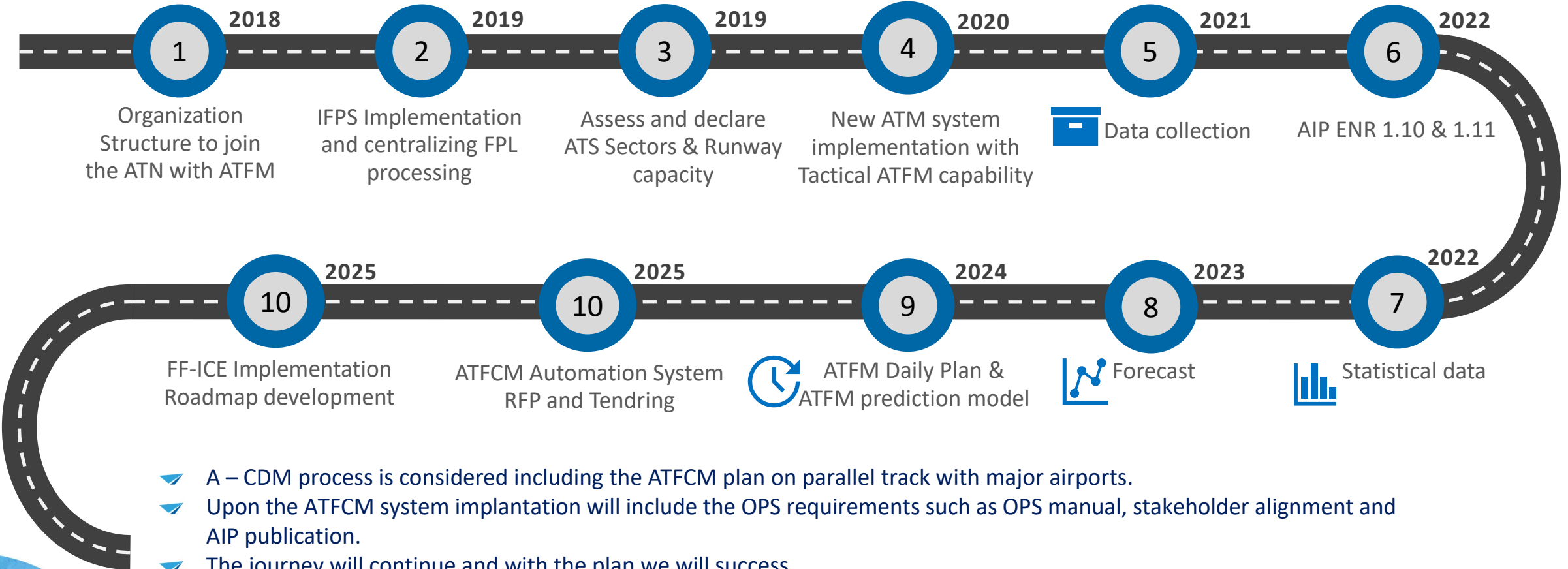
# ATFCM Roadmap

The plan for the ATFCM implantation in SANS started in 2017, drawing the way forward for promising future



# ATFCM Roadmap

START



- A – CDM process is considered including the ATFCM plan on parallel track with major airports.
- Upon the ATFCM system implantation will include the OPS requirements such as OPS manual, stakeholder alignment and AIP publication.
- The journey will continue and with the plan we will success.



## lessons learned

- Training programs.
- Stakeholders' management and alignment.
- Cybersecurity and Data Integrity.

## Challenges

- Workforce.
- Transition and change management program.
- Cybersecurity and Data Integrity.

# Air Traffic Flow & Capacity Management

ATFM Daily Plan (ADP)

# ATFM Daily Plan

The ATFM Daily Plan is a comprehensive schedule that outlines the management and utilization of airspace for a specific day. It is designed to ensure the safe and efficient flow of air traffic within a given region or airspace sector.

This year, we initiated the implementation of the ATFM Daily Plan (ADP) based on historical data, which is currently in its trial phase. We are actively working on improving automation and collaboration with airports and the Meteorological (MET) office. These enhancements aim to enhance the efficiency and effectiveness of the ADP.



# ATFM Daily Plan

## 1. General

In this part, we are showing the general overview of our expected flights for Jeddah FIR in the shown segments.

GENERAL	
Expected Jeddah FIR Movements	
Domestic	838
Int Arrival	615
Int Departure	616
Overflying	691
<b>Total</b>	<b>2,760</b>



## 3. Airspace

Here we are showing the Total, Average, Max expected flights for the sectors around the kingdom.

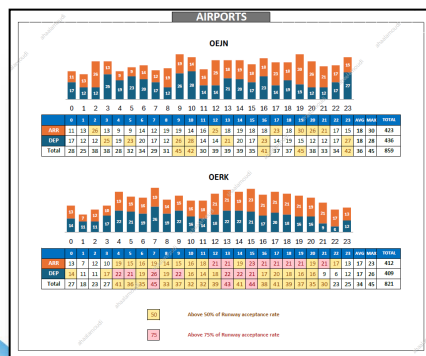
Yellow cells indicate the 50% Sector Capacity threshold and Red cells indicate the 75% Sector Capacity threshold.

SECTORS		Expectation																																																																																																			
ADJMM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

## 2. Airport

Here we are showing the Total, Average, Max expected movement for the top 5 airports.

Yellow cells indicate the 50% RAR threshold and Red cells indicate the 75% RAR threshold.



## 5. Weather

The weather report is updated daily by checking the weather resources such as the National Center for Meteorology.

**WEATHER**

Daily Forecast 12/15/2024

Active winds raising dust and sand, accompanied by a drop in temperatures, are expected to affect the regions of Al-Jouf, the Northern Borders, Hail, Al-Qassim, Riyadh, and the Eastern Province, as well as parts of Tabuk, Al Madinah Al-Munawwarah, and Makkah Al-Mukarramah. Meanwhile, the skies will be partly cloudy with a chance of light rain in parts of Jazan, Asir, and Al-Baha regions. Additionally, fog formation is not ruled out over parts of the highlands in these areas.

## 6. Special Events and ATFM Measures

For Special Events we add all the seasonal events from around the kingdom in coordination with CMC.

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## 4. NOTAMs

In this page a description of active NOTAMs are shown for Jeddah and Riyadh ACCs.

NOTAMs									
DISPATCH NO.	TITLE OR SUMMARY	SEVERITY LEVEL	TYPE	START DATE	TIME	END DATE	TIME	OPERATIONAL STATE	LEVEL
WJED001/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED002/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED003/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED004/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED005/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED006/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED007/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED008/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED009/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED010/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED011/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED012/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED013/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED014/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED015/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED016/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED017/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED018/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED019/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB
WJED020/2024	AIRSPACE RESERVATION	INFO	ARRIVAL	15/12/2024	08:00	15/12/2024	18:00	ACTIVE	ATIS/CLIMB

**SPECIAL EVENTS**

• Riyadh Season 2024

**ATFM MEASURES**

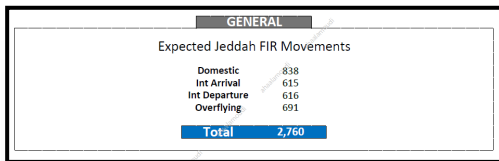
**RECOMMENDATION:**

Activate Planner Position for JDCW & CTAN Sector

# ATFM Daily Plan

### 1. General

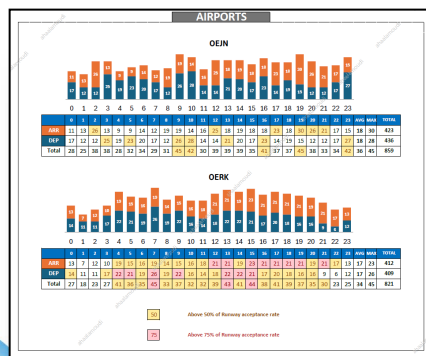
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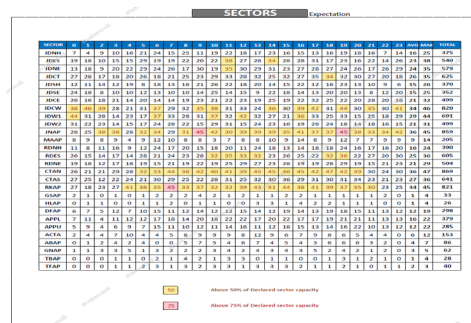
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### 3. Airspace

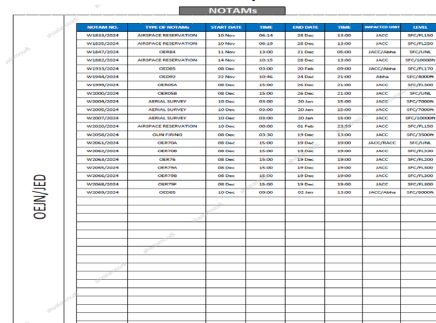
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### 4. NOTAMS

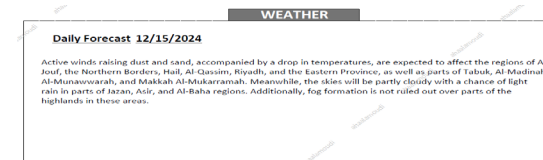
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NOTAM NO.	TYPE OR EXTENT	SECTOR AFFECTED	TIME	STATUS	ISSUE	RESOLUTION DATE	LEVEL
UNRESOLVED	AIRSPACE RESERVATION	OJED	08:00-13:00	ACTIVE	JDCW	UNRESOLVED	UNRESOLVED
UNRESOLVED	AIRSPACE RESERVATION	OJED	08:00-13:00	ACTIVE	JDCW	UNRESOLVED	UNRESOLVED
UNRESOLVED	AIRSPACE RESERVATION	OJED	08:00-13:00	ACTIVE	JDCW	UNRESOLVED	UNRESOLVED
UNRESOLVED	AIRSPACE RESERVATION	OJED	08:00-13:00	ACTIVE	JDCW	UNRESOLVED	UNRESOLVED

### 5. Weather

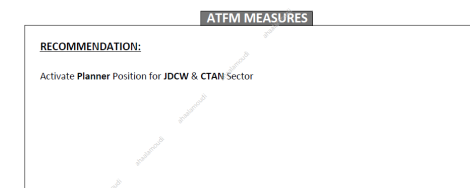
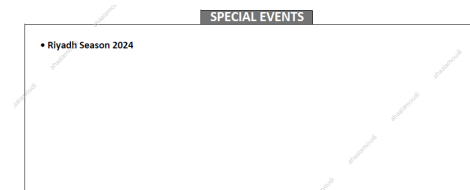
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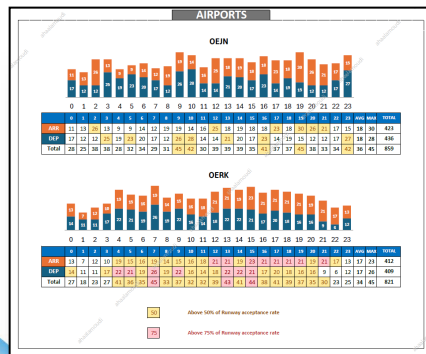
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SECTORS		Expectation
ADJAP	0-1	100
ADJAP	1-2	100
ADJAP	2-3	100
ADJAP	3-4	100
ADJAP	4-5	100
ADJAP	5-6	100
ADJAP	6-7	100
ADJAP	7-8	100
ADJAP	8-9	100
ADJAP	9-10	100
ADJAP	10-11	100
ADJAP	11-12	100
ADJAP	12-13	100
ADJAP	13-14	100
ADJAP	14-15	100
ADJAP	15-16	100
ADJAP	16-17	100
ADJAP	17-18	100
ADJAP	18-19	100
ADJAP	19-20	100
ADJAP	20-21	100
ADJAP	21-22	100
ADJAP	22-23	100
ADJAP	23-24	100
ADJAP	24-25	100
ADJAP	25-26	100
ADJAP	26-27	100
ADJAP	27-28	100
ADJAP	28-29	100
ADJAP	29-30	100
ADJAP	30-31	100
ADJAP	31-32	100
ADJAP	32-33	100
ADJAP	33-34	100
ADJAP	34-35	100
ADJAP	35-36	100
ADJAP	36-37	100
ADJAP	37-38	100
ADJAP	38-39	100
ADJAP	39-40	100
ADJAP	40-41	100
ADJAP	41-42	100
ADJAP	42-43	100
ADJAP	43-44	100
ADJAP	44-45	100
ADJAP	45-46	100
ADJAP	46-47	100
ADJAP	47-48	100
ADJAP	48-49	100
ADJAP	49-50	100
ADJAP	50-51	100
ADJAP	51-52	100
ADJAP	52-53	100
ADJAP	53-54	100
ADJAP	54-55	100
ADJAP	55-56	100
ADJAP	56-57	100
ADJAP	57-58	100
ADJAP	58-59	100
ADJAP	59-60	100
ADJAP	60-61	100
ADJAP	61-62	100
ADJAP	62-63	100
ADJAP	63-64	100
ADJAP	64-65	100
ADJAP	65-66	100
ADJAP	66-67	100
ADJAP	67-68	100
ADJAP	68-69	100
ADJAP	69-70	100
ADJAP	70-71	100
ADJAP	71-72	100
ADJAP	72-73	100
ADJAP	73-74	100
ADJAP	74-75	100
ADJAP	75-76	100
ADJAP	76-77	100
ADJAP	77-78	100
ADJAP	78-79	100
ADJAP	79-80	100
ADJAP	80-81	100
ADJAP	81-82	100
ADJAP	82-83	100
ADJAP	83-84	100
ADJAP	84-85	100
ADJAP	85-86	100
ADJAP	86-87	100
ADJAP	87-88	100
ADJAP	88-89	100
ADJAP	89-90	100
ADJAP	90-91	100
ADJAP	91-92	100
ADJAP	92-93	100
ADJAP	93-94	100
ADJAP	94-95	100
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ADJAP	96-97	100
ADJAP	97-98	100
ADJAP	98-99	100
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**SPECIAL EVENTS**

• Riyadh Season 2024

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WJED003/2024	AIRSPACE RESERVATION	UNCLAS	08-DEC	18:00	18:00	JED	UNCLAS	ACTIVE	WJED003/2024
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**ATFM MEASURES**

**RECOMMENDATION:**

Activate Planner Position for JEDW and CTAN Sector



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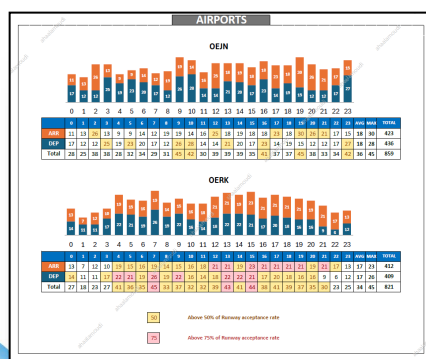
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ABWH	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

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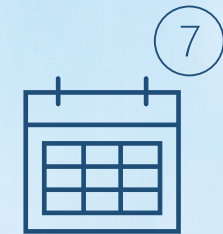
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JDCW	0001	AIRSPACE RESTRICTION	UNCLAS	2024	14:00	JDCW	JDCW	AIRSPACE RESTRICTION	ACTIVE
JDCW	0002	AIRSPACE RESTRICTION	UNCLAS	2024	14:00	JDCW	JDCW	AIRSPACE RESTRICTION	ACTIVE
JDCW	0003	AIRSPACE RESTRICTION	UNCLAS	2024	14:00	JDCW	JDCW	AIRSPACE RESTRICTION	ACTIVE
JDCW	0004	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0005	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0006	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0007	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0008	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0009	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0010	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0011	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0012	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0013	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0014	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0015	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0016	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0017	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0018	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0019	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0020	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE
JDCW	0021	OBSTACLE	UNCLAS	2024	14:00	JDCW	JDCW	OBSTACLE	ACTIVE

## Enhancements

- A collaborative effort was undertaken with Jeddah and Riyadh airports to attend the daily report sessions and synchronize statistical data as part of the ATFM Daily Plan (ADP) initiative.
- The frequency of the ADP sessions has been extended to operate throughout all seven days of the week, compared to the previous five-day schedule.
- The ADP processes have been standardized and documented in compliance with ISO certification requirements, and the relevant data has been securely uploaded to the internal portal for accessibility and reference. [Click here](#)

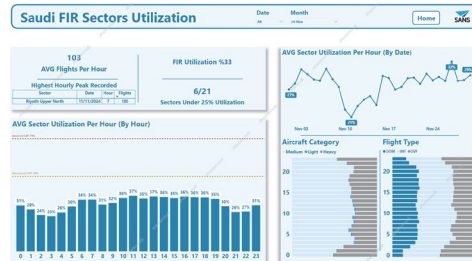


# ATFM Dashboard

## 1. FIR General Statistics



## 2. FIR Utilization



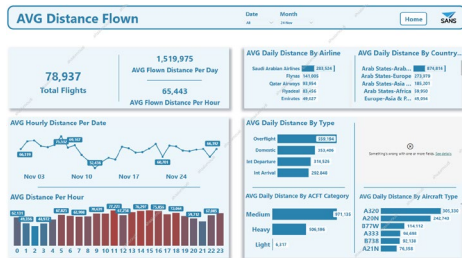
## 3. Sectors Utilization



## 4. Adjacent FIRs Statistics



## 5. AVG Distance Flown



## 6. AVG Flights Duration



## 7. Hourly Flights by Airport



## 8. Hourly Flights by Sector



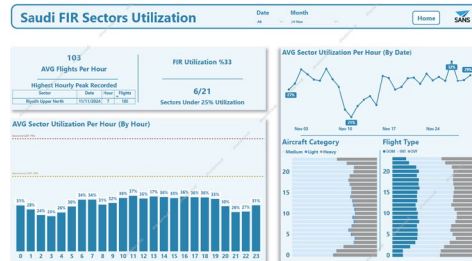


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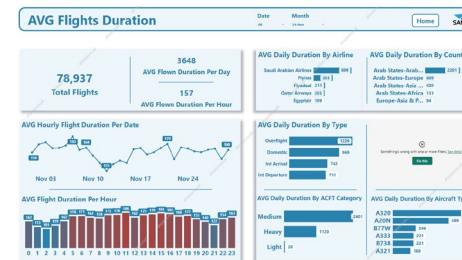
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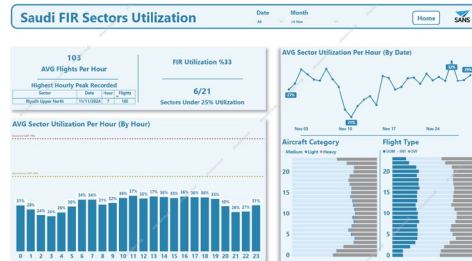


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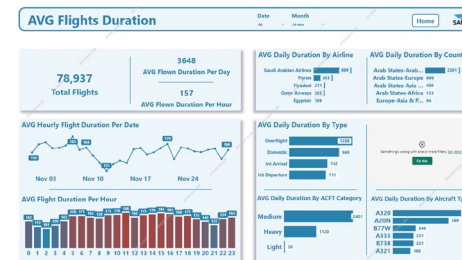
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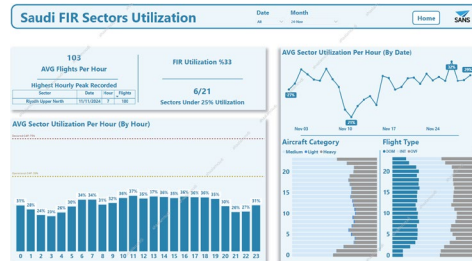


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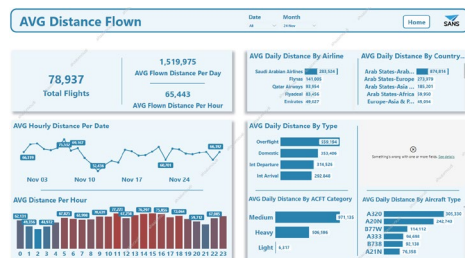
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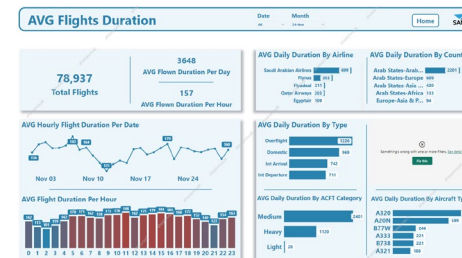
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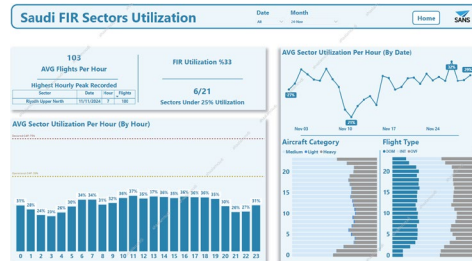


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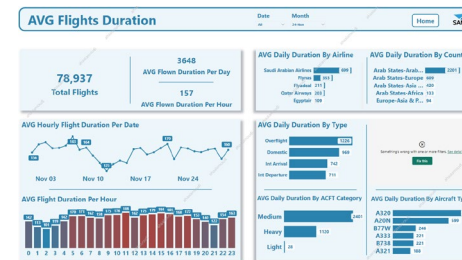
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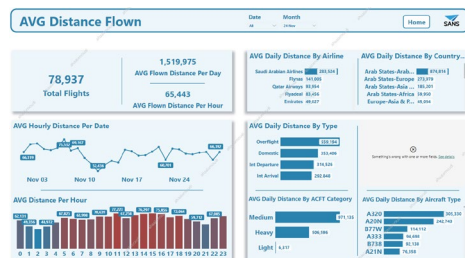
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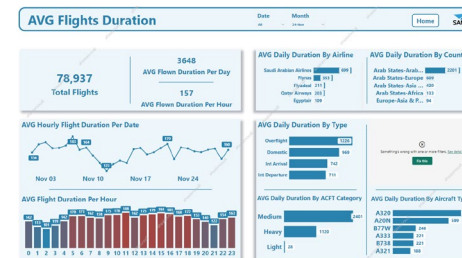
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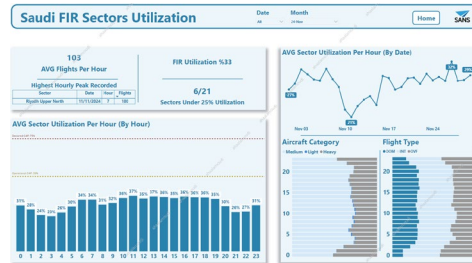


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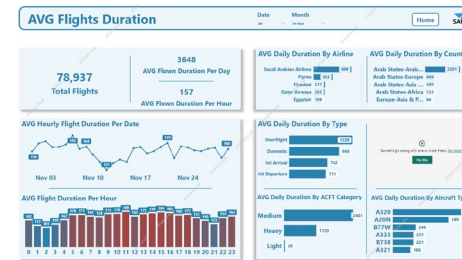
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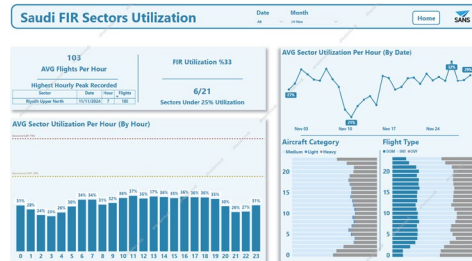


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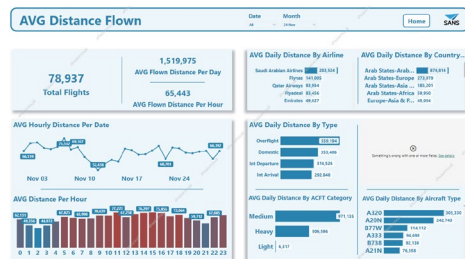
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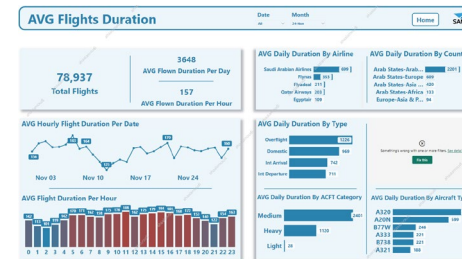
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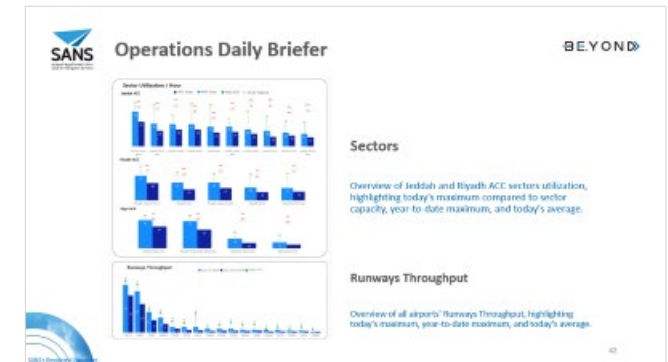
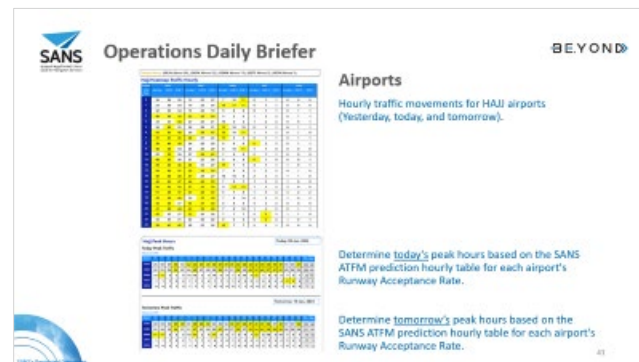
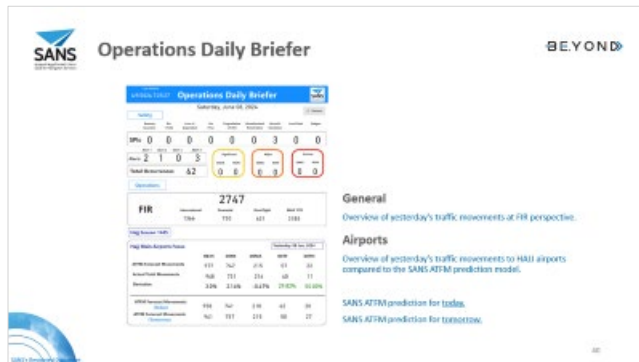


# Air Traffic Flow & Capacity Management

Operations Daily Briefer (ODB)



A structured summary providing essential updates on daily air traffic control operations. It includes key metrics, significant events, operational challenges, and relevant information to ensure the safe and efficient flow of air traffic. Its primary purpose is to keep the top management updated on day-to-day operations.





THANK YOU

BEYOND 