

What's Different

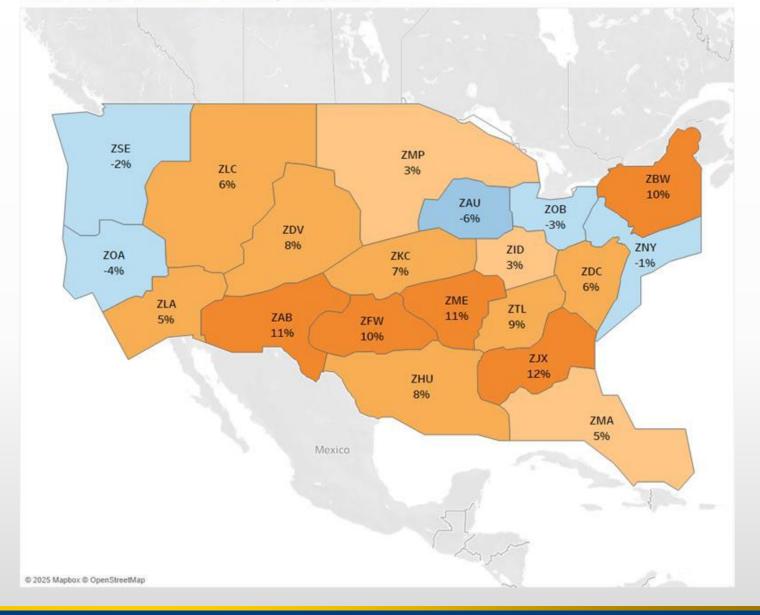
- FTV vs UFT AFP Methodology
- MIA/FLL CDR Development
- ZMA (IDAC) Dept Scheduling out onto the Gulf and AR's
- Deep WATRS Emphasis and Usage Increase
- New ZJX Capping/Tunneling Required Advisories
- New Sectors in the Gulf for ZJX
- CDM Task 136



2024 ARTCC Operational increases from 2017-2019

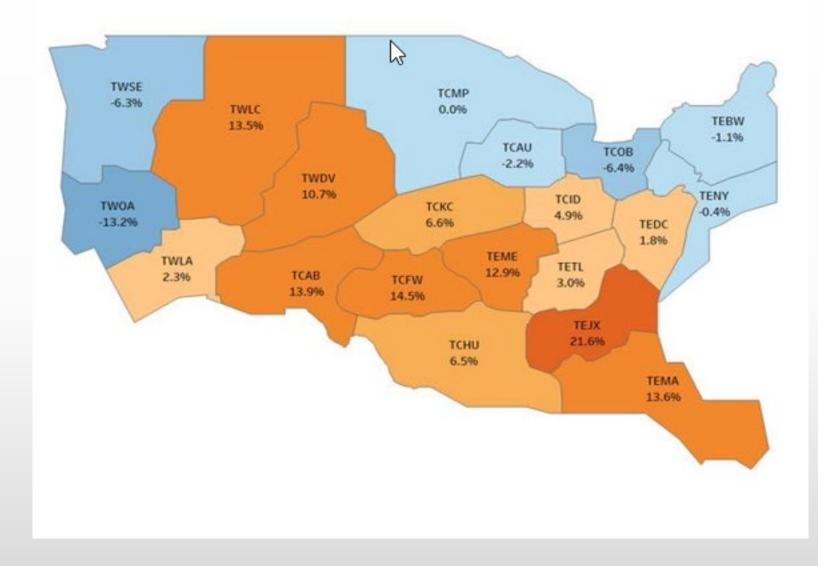
baseline

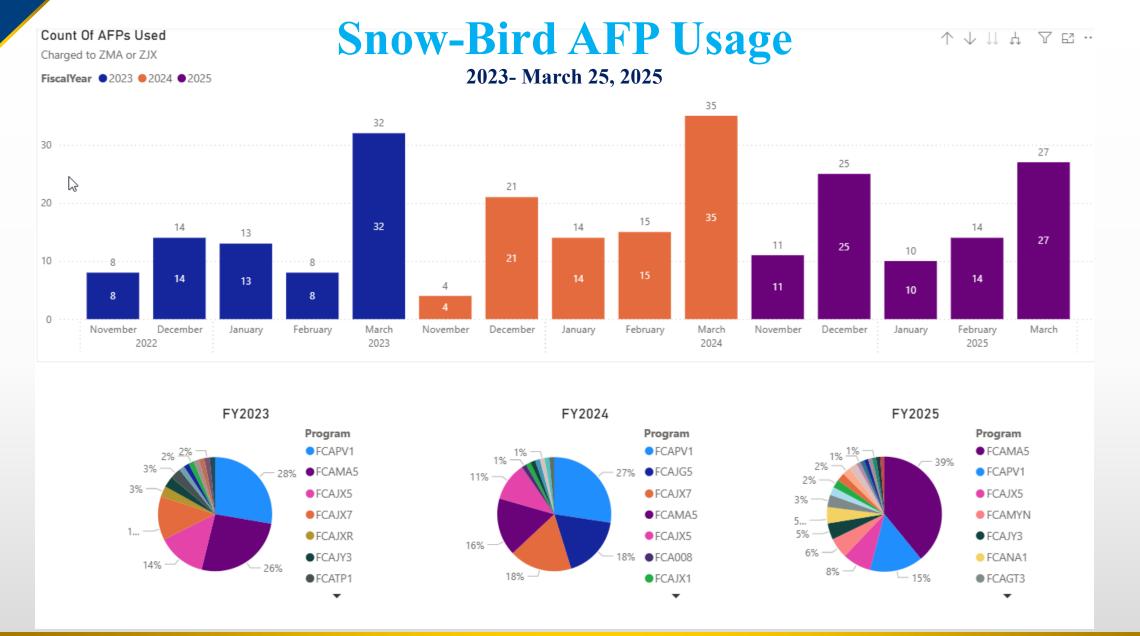
2024 vs 2017-19 ARTCC Total Ops Difference





2024 ATCT
Operational
increases from
2017-2019
baseline







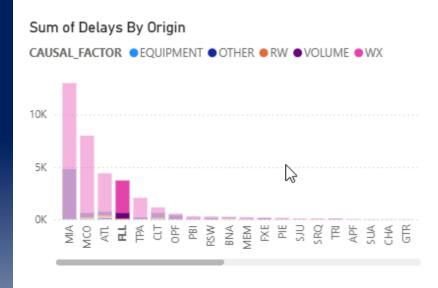
Snow-Bird AFP Delay

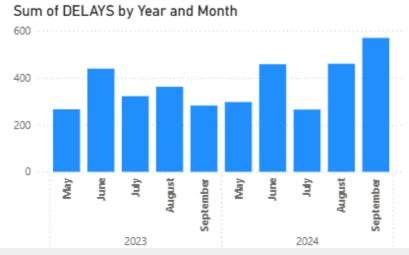
2022 - March 25, 2025

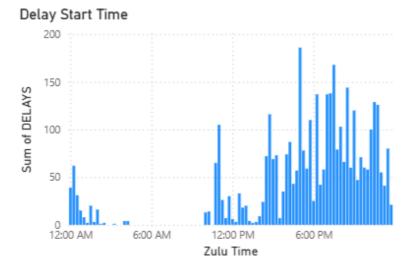




FLL CDR Impacts







2023

60.38

Average of DelayDuration

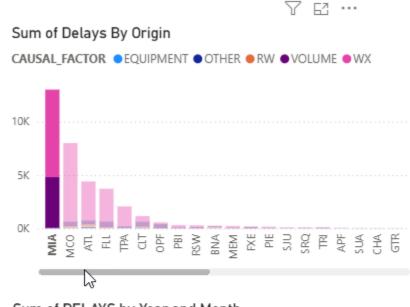
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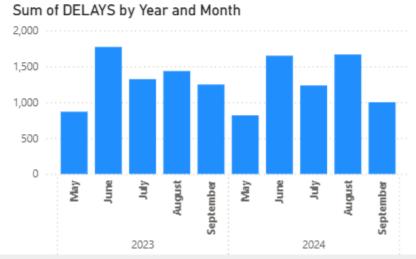
2024

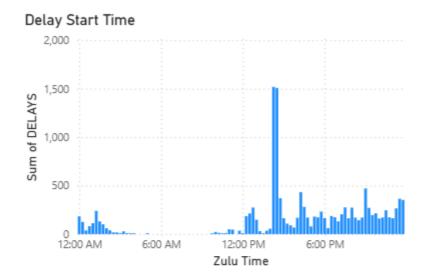
Average of DelayDuration



MIA CDR Impacts







2023

2024

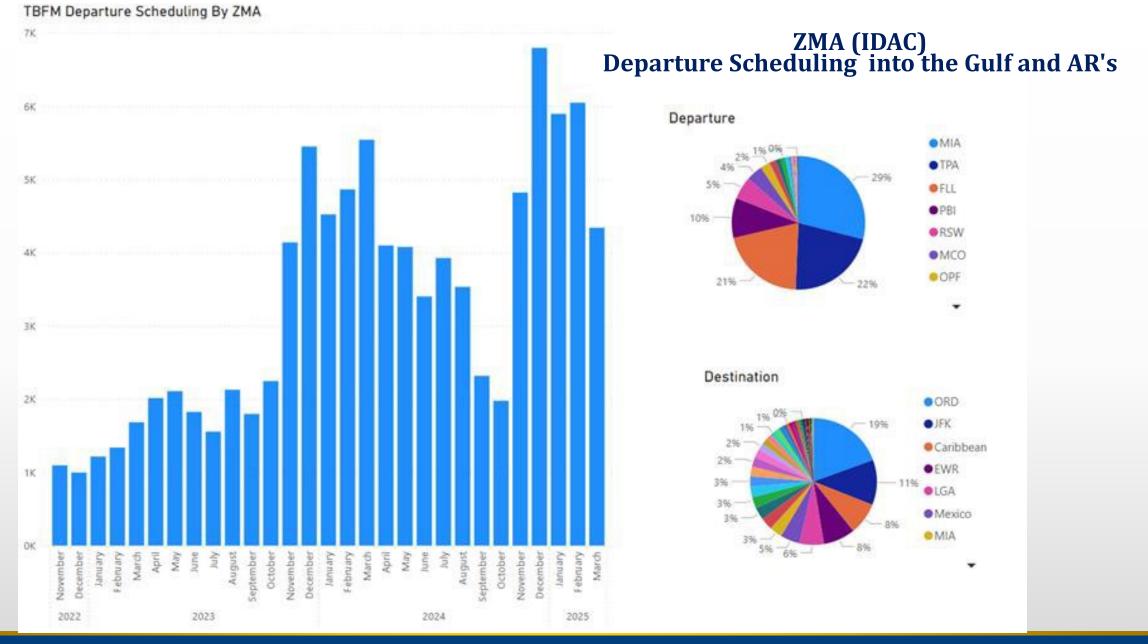
55.78

50.41

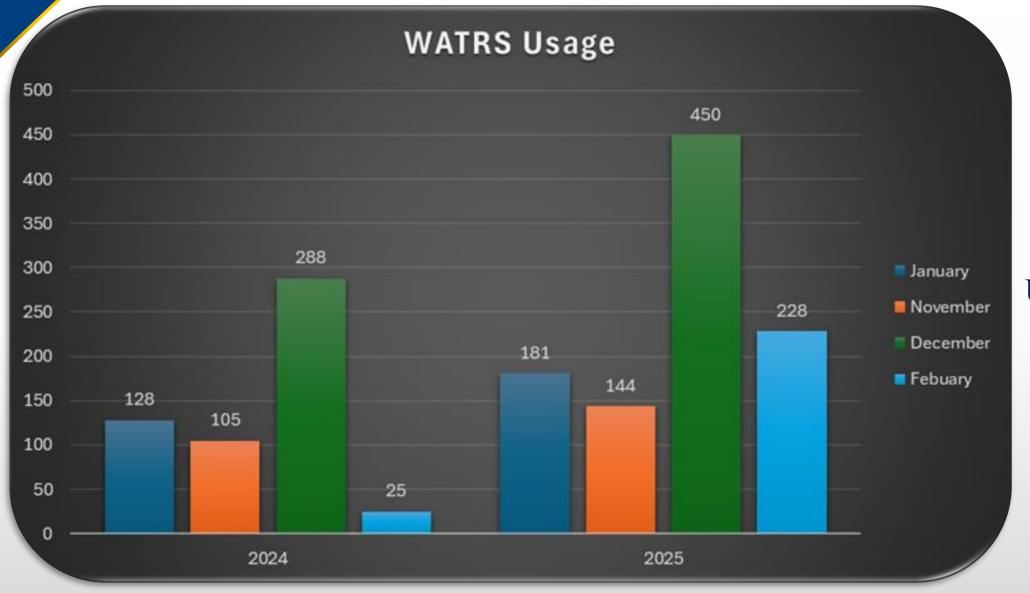
Average of DelayDuration

Average of DelayDuration









WATRS
Usage Increased
By 84%
over 2024



East Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45
47	11	11	10	10	11	11	12	11	10	11	11	12	11	11	10	9	9	9	10	10	10	9	9	9	10	10	9	9
48	16	15	14	14	15	15	15	14	15	15	15	15	15	15	15	14	15	14	15	15	16	15	16	16	15	15	15	15
49	16	16	16	16	16	15	15	17	16	17	17	17	17	16	16	16	15	15	16	16	16	16	16	16	16	16	15	15
50	12	12	12	11	11	10	11	12	13	12	12	12	11	11	10	11	10	10	11	10	10	10	11	12	11	10	10	10
65	16	16	15	14	15	16	15	15	16	17	17	17	18	17	16	16	16	15	15	14	15	16	16	16	15	15	15	15
66	14	13	13	12	11	12	14	15	14	13	13	13	12	11	12	13	13	11	10	10	11	12	12	11	11	12	12	11

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
47	12	12	11	10	11	12	13	13	12	10	11	12	12	12	12	11	11	11	12	12	10	9	10	10	10	11	11	11
48	16	16	14	13	15	15	14	15	15	15	14	14	16	16	15	15	14	14	14	13	15	15	15	15	15	15	15	15
49	16	15	16	17	17	16	17	18	18	17	18	18	18	18	17	17	17	16	17	17	15	16	17	17	18	16	17	18
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66	15	15	14	12	12	13	15	16	15	16	15	15	15	15	14	14	14	13	12	11	11	13	13	13	12	12	13	13

West Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
10	8	8	8	8	8	7	7	7	7	8	7	7	7	7	7	7	7	7	6	6	6	7	7	6	6	7	7	6
11	10	10	10	10	11	10	10	10	10	11	11	10	10	10	11	11	11	11	12	12	11	10	11	11	11	11	11	12
12	10	11	12	12	12	11	11	11	11	11	11	11	10	10	10	10	11	12	11	11	10	10	10	10	10	10	9	9
13	9	12	14	12	6	9	10	8	7	8	6	14	13	10	10	12	13	12	10	15	13	10	10	10	10	6	12	9
21	10	11	11	4	8	11	7	11	7	10	8	8	7	6	5	8	9	9	10	10	8	8	7	6	12	12	10	11
28	9	8	8	9	9	8	8	9	9	8	9	9	9	8	8	8	8	8	9	9	8	8	8	8	7	7	7	7
29	9	9	9	9	9	9	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8
30	16	15	14	14	14	14	14	15	14	15	16	15	14	15	16	15	15	17	20	19	18	17	17	16	17	17	17	18
31	6	6	7	5	5	9	9	9	9	6	8	9	8	6	8	8	6	7	7	10	10	9	8	7	8	9	8	9
79		6	10	8	9	7	8	6	8	13	14	18	10	10	10	9	9	9	11	13	11	8	6	7	9	8	9	8

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
10	6	7	7	8	8	7	7	8	8	9	9	9	8	7	7	7	8	7	6	5	7	6	7	6	7	7	6	7
11	11	10	11	12	11	10	, 9	10	10	11	11	10	9	10	10	10	10	11	12	12	11	11	10	11	11	10	10	12
12	12	14	14	13	12	12	₩12	12	12	12	12	12	12	11	11	11	12	12	13	12	11	10	11	11	11	10	10	10
13								10	10	9	11	11	9	11	11	10	7	7	14	14	18	16	11	12	11	6		
21	6	2	2	10	12	11	9	9	8	6	7	5	7	9	9	11	8	11	11	8	13	9	14	13	9	12	12	12
28	10	8	9	7	8	9	11	10	9	10	10	10	10	10	8	9	8	8	10	9	10	9	9	8	10	9	8	8
29	10	10	11	10	10	11	11	12	11	11	10	10	10	11	10	10	10	11	11	10	10	9	9	10	9	9	9	9
30	17	15	14	16	16	15	16	16	15	15	17	17	16	15	16	15	16	17	19	20	19	16	17	16	16	16	18	20
31	9	10	11	11	11	9	8	11	11	10	9	10	11	10	9	10	8	10	13	13	10	11	11	12	11	10	9	10
79			5	6	11	10	11	12	7	13	12	8	6	7	7	7	10	11	11	7	11	12	10	11	11	3		



Gulf Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45
14	11	12	12	11	10	11	11	11	11	11	11	11	11	11	10	10	11	11	11	11	11	11	10	10	11	11	11	11
15	11	11	11	11	10	11	10	10	10	10	10	10	10	10	10	10	11	11	10	10	10	10	10	10	11	11	10	10
77	5	5	5	6	6	6	5	5	6	6	6	6	6	6	5	6	5	6	6	6	6	6	5	6	5	6	5	5
78	9	10	10	10	9	9	9	9	10	10	10	9	9	9	9	9	9	9	9	9	9	9	8	9	9	9	9	9
87	8	9	9	9	9	8	9	9	9	9	9	10	10	9	9	9	9	9	9	9	9	9	9	8	8	9	9	8
88	7	9	9	8	8	8	9	9	9	9	9	9	9	9	8	8	8	9	9	8	9	8	8	7	8	9	8	8

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45
14	12	12	12	11	10	12	12	11	12	12	12	12	12	11	10	10	11	11	10	11	11	11	10	11	11	11	11	11
15	11	11	11	11	11	10	10	10	11	10	9	10	10	11	11	10	11	10	10	10	10	10	10	10	10	11	10	10
77	6	6	6	6	7	7	7	6	7	6	7	7	7	6	6	7	7	7	8	7	7	7	7	6	7	7	6	5
78	10	10	11	11	9	9	9	10	10	10	10	10	11	10	10	10	10	10	9	10	9	9	8	9	10	9	8	8
87	9	9	10	10	9	9	10	10	10	10	11	11	11	11	11	11	10	9	10	10	9	9	10	10	10	10	9	10
88	8	8	9	8	7	8	7	8	8	8	8	8	8	8	8	7	7	8	7	7	8	8	7	8	8	8	8	8

Central Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
16	10	11	11	11	10	10	10	10	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	12	11	11
17	11	11	12	11	10	10	11	10	10	10	10	11	11	11	11	10	10	10	10	11	11	11	11	11	10	11	12	12
33	9	10	11	11	11	10,	10	11	11	10	10	10	11	11	11	11	11	11	11	12	12	12	11	12	11	11	10	11
34	15	15	15	16	16	16	16	16	16	16	15	15	15	15	16	16	16	16	17	16	15	15	16	17	16	15	16	16
85	12	11	12	13	12	12	12	13	13	12	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	12	13	12
86	10	11	12	12	11	11	11	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12	12	11	12	12	11	12

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
16	10	11	11	11	10	10	10	10	11	11	11	11	11	11	10	10	11	11	11	11	11	11	11	11	11	12	11	11
17	11	11	12	11	10	10	11	10	10	10	10	11	11	11	11	10	10	10	10	11	11	11	11	11	10	11	12	12
33	9	10	11	11	11	10,	10	11	11	10	10	10	11	11	11	11	11	11	11	12	12	12	11	12	11	11	10	11
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85	12	11	12	13	12	12	12	13	13	12	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	12	13	12
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North Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
35	15	14	13	13	13	13	13	13	14	15	15	14	14	14	13	13	12	12	11	12	13	12	13	13	13	13	13	12
51	15	15	15	16	16	17	16	16	16	15	15	15	16	15	15	15	15	15	15	16	15	16	16	16	16	15	14	14
52	18	17	16	16	17	17	16	18	18	18	18	19	18	17	16	15	16	15	15	15	16	16	16	17	18	17	16	17
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54	9	9	9	10	9	9	9	9	10	1g 9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	7
71	9	10	10	9	10	12	13	11	10	10	9	11	12	12	12	11	11	11	11	12	12	12	10	10	10	11	10	10
72	9	8	8	7	7	8	8	8	7	7	7	7	8	8	8	9	8	7	7	7	8	7	7	7	8	8	8	8
73	10	10	9	10	9	9	9	9	9	9	9	9	9	9	9	10	9	9	9	9	9	9	9	9	9	9	8	8

Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 7
35	16	14	13	14	14	13	13	13	14	16	18	16	15	15	15	13	13	13	12	13	13	13	13	13	14	13	12	12
51	15	16	16	17	18	17	17	18	19	17	17	17	17	17	18	18	17	17	19	19	18	17	17	17	17	16	15	15
52	20	19	18	17	17	17	17	17	18	19	20	20	18	18	17	17	17	16	16	16	17	17	16	16	18	18	17	16
53	5	8	7	8	7	7	8	7	7	7	7	7	7	7	7	8	8	8	7	8	8	7	9	9	10	10	9	8
54	9	10	10	11	10	10	10	10	10	10	11	10	9	9	9	9	10	10	10	10	9	9	9	9	9	9	9	8
71	10	10	10	9	11	13	13	12	11	11	10	10	12	12	12	11	11	11	11	12	13	12	11	11	11	11	13	12
72	9	7	7	7	6	6	7	7	6	6	6	6	6	6	7	8	7	7	6	6	7	6	6	6	6	6	6	6
73	9	9	10	10	10	10	11	10	9	9	10	9	9	9	10	11	11	10	10	10	10	10	10	10	9	9	10	9



South Area ZJX Capping/Tunneling Impacts

Dec 1, 2024 - March 20, 2025

Normal Sector Volume

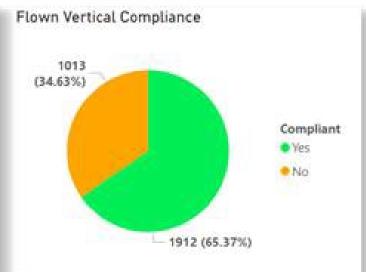
Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
57	5	6	6	5	5	6	6	5	6	6	6	5	5	6	6	6	5	5	6	6	6	5	5	5	5	5	5	5
58	13	12	12	12	11	11	11	11	12	12	12	11	11	11	11	11	11	11	12	11	11	11	11	11	11	11	11	11
67	17	16	16	16	17	16	16	17	17	17	17	18	18	17	17	17	17	17	17	17	17	17	18	17	16	16	15	16
68	14	13	13	13	12	12	12	13	13	14	15	15	14	13	12	12	12	13	13	12	11	12	13	12	12	12	12	11
75	8	8	10	10	10	9	10	10	10	11	11	10	10	9	9	9	9	10	10	10	10	10	11	11	11	9	10	10
76	15	14	16	17	16	15	15	16	17	16	17	17	16	16	15	15	15	16	16	16	16	16	17	17	16	15	15	15

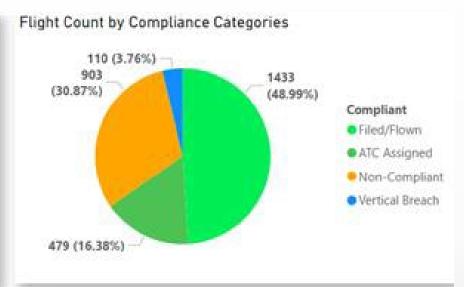
Sector	15:00	15:15	15:30	15:45	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45 2
57	5	6	6	7	6	7	7	6	6	7	7	7	6	7	7	6	5	7	7	6	5	6	6	5	6	6	7	6
58	12	13	13	13	12	12	12	11	11	12	12	12	10	11	12	12	11	11	11	12	10	10	11	11	11	11	10	11
67	18	17	16	18	17	17	17	17	18	17	17	19	19	18	19	19	18	17	17	18	17	17	18	18	17	16	17	18
68	15	14	15	15	13	13	13	14	15	14	15	15	15	15	15	13	13	14	15	14	13	13	14	13	13	12	13	12
75	8	8	10	11	10	10	10	11	10	11	11	11	10	11	11	10	10	10	11	10	11	11	11	11	11	11	10	11
76	15	15	16	17	17	15	15	17	16	17	17	18	17	16	17	17	17	16	17	17	17	17	18	18	17	17	16	16

Capping and Tunneling Compliance

21 days of data







ACID	DEP	ARTCC	ARR	DepDate	DepTime	ArrDate	ArrTime	Filed Alt	Flown Alt	Cat	FCA
AAL1046	MIA	ZMA	ATL	02/21/2025	15:00	2/21/2025	16:29	300	310	Active	FCA006
AAL1046	MIA	ZMA	ATL	02/22/2025	14:30	2/22/2025	15:57	320	310	Active	FCA005
AAL1046	MIA	ZMA	ATL	02/23/2025	13:52	2/23/2025	15:21	260	311	Active	FCA008
AAL1046	MIA	ZMA	ATL	02/28/2025	14:10	2/28/2025	15:31	320	370	Active	FCA007
AAL1046	MIA	ZMA	ATL	03/02/2025	14:05	3/2/2025	15:32	340	330	Active	FCA005
AAL1046	MIA	ZMA	ATL	03/06/2025	14:00	3/6/2025	15:36	360	370	Active	FCA006

2925 Total Flight Count



New ZJX Sectors

ZJX West Area

ZJX30

ZJX33/ZJX34

ZJX Central Area

- Individual sectors owning FL240 and Above
- Unable to be split during high volume
- Ultra-High sector to help mitigate volume thru the North Central part of the airspace
- Increase capacity over Tallahassee area with transitions into Orlando, Tampa, South Florida Airports and International destinations
- Current timeline has this sector online Summer 2025

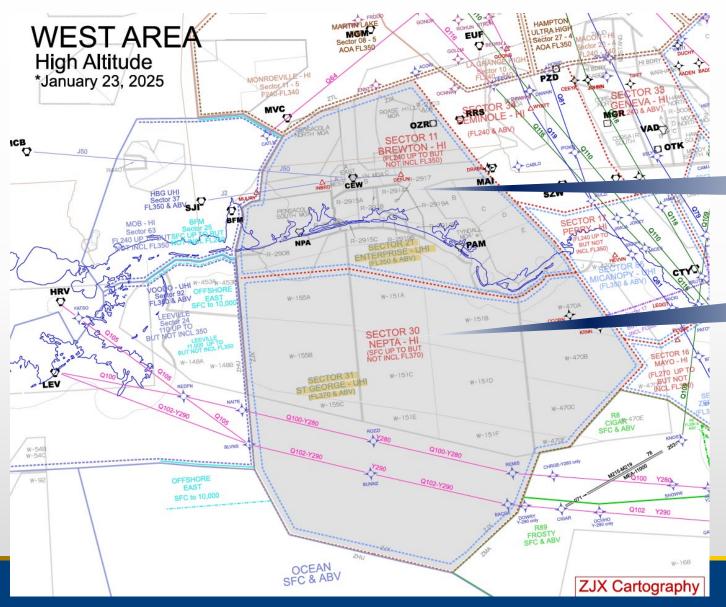
- Single sector owning Surface and Above
- Unable to split during high volume
- Unreliable Radar and Frequency coverage
- ADSB and low-level Non-Radar Procedures

ZJX11

- Single sector owning FL240 and Above
- Unable to split during high volume
- Often over capacity during SWAP or Texas to Florida Playbook
- Used as an overflow outlet thru the Florida Panhandle



New ZJX Ultra-High ZJX31 and ZJX21



Opened 1/23/25

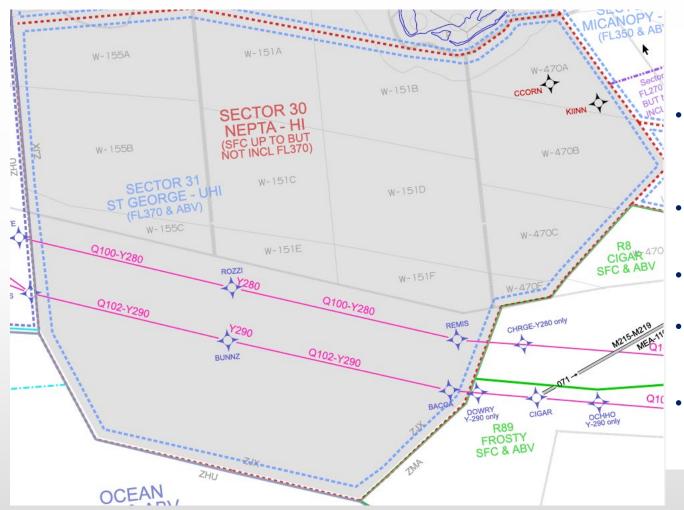
ZJX21 – Ultra-High overlies ZJX11 Altitudes FL350 & Above

ZJX31 – Ultra-High overlies ZJX30 Altitudes FL370 & Above

designed to allow for increased volume in the Gulf



ZJX West Area Ultra-High Sectors



ZJX30

- Old Sector was not stratified owned Surface and above. High Volume, routinely over capacity with traffic transitioning between ZMA and ZHU.
- New Sector ZJX31 stratifies within the same sector dimensions. ZJX30 Surface up to FL369 and ZJX31 FL370 and Above.
- Benefit: New sector increases capacity, per hour, through Gulf of America. New MAP Parameters are:

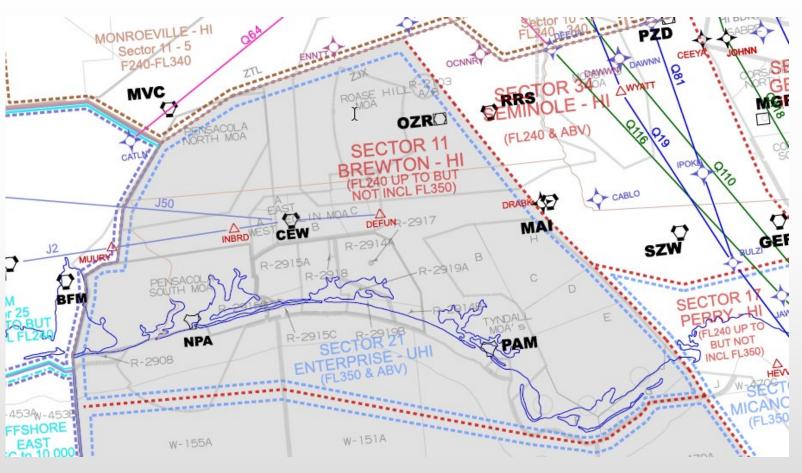
$$ZJX30 - 20$$

 $ZJX31 - 21$ VS $ZJX 30 - 21$

Sector activated on January 23, 2025, with positive results



ZJX West Area Ultra-High Sectors



ZJX21

- Old Sector was not stratified owned FL240 and above. High Volume, routinely over capacity with traffic transitioning between ZJX, ZTL and ZHU.
- New Sector ZJX21 stratifies within the same sector dimensions. ZJX11 FL240 up to FL349 and ZJX21 FL350 and Above.
- Benefit: New sector increases capacity, per hour, through Panhandle. New MAP Parameters are:

$$ZJX11 - 20$$

 $ZJX21 - 21$ VS $ZJX 11 - 21$

- Sector activated on January 23, 2025 with positive results.
- Currently, limited use due to potential overdelivery of East Bound traffic and MilOps. Waiting on Central Ultra-High



Traffic Flow February 7, 2025

1430Z-1800Z

GoldMilitary Airspace

Light Blue
ZJX33/ZJX34
ZJX11/ZJX21
ZJX30/ZJX31

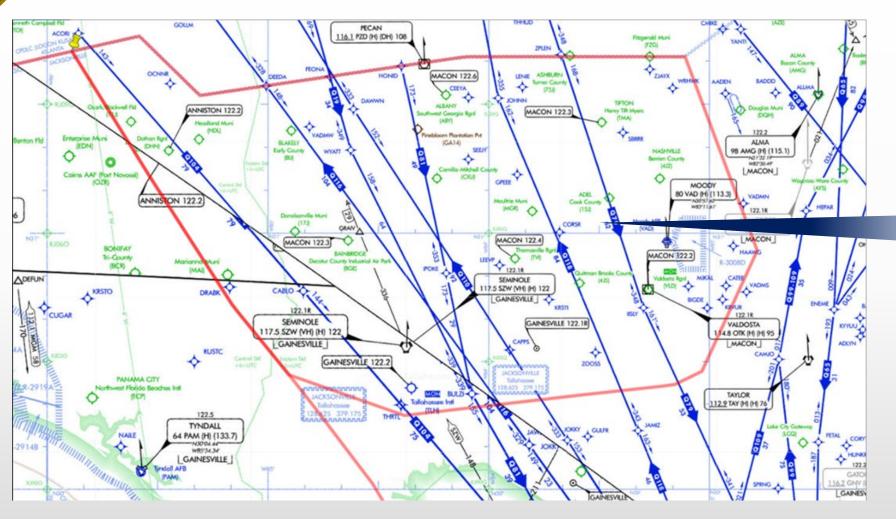
Red Flight tracks

Blue Military Flights





Coming Soon... ZJX32 Ultra-High



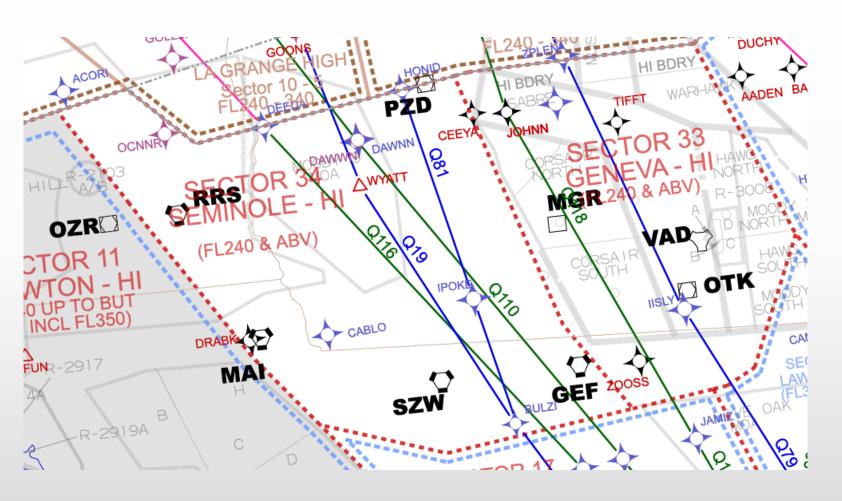
Expected Timeframe: Late Summer

ZJX32 – Ultra-High Overlies ZJX33 and ZJX34 Altitudes: FL370 & Above

No procedural changes for new sector. Designed for Florida Panhandle and West Coast overflow volume.



ZJX Central Area ZJX32 OZARK



ZJX32

- ZJX32 overlies the current ZJX33/34 dimensions
- Sector Altitudes: ZJX33/34 FL240-FL369; ZJX32 FL370 and Above
- Expected to increase capacity over Tallahassee
- Completes the Ultra-High sectorization for the Western ZJX airspace
- Will affect total North/South throughput along Florida Westcoast and East/West capacity thru the Panhandle



Expected Outcomes

- Increased capacity in all ZJX Western Sectors.
- Anticipated reduction in TMIs and Departure Delays for volume
- Anticipated reduction in need for AFPs for volume
- More efficient use of available airspace during Capping and Tunneling procedures
- More availability with Departure Gates in Central Florida during SWAP



What we've seen so far...

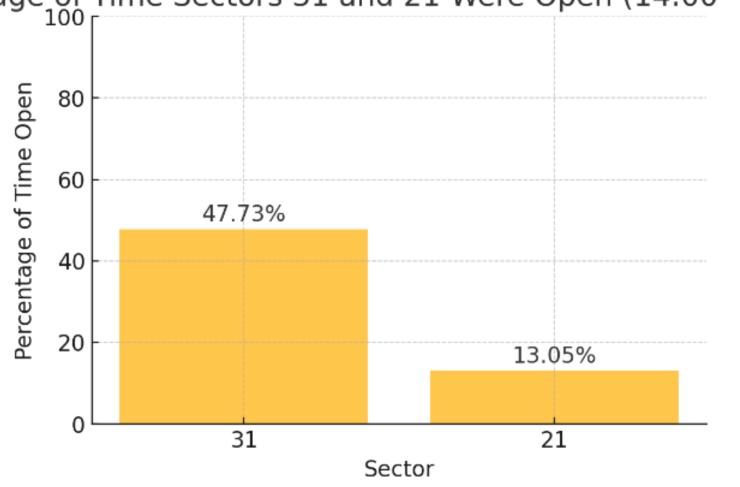
- ZJX Sector 31 has been opening consistently with a marked improvement of sector load balancing
- ZJX Sector 21 has been used less frequently. This is due to ZJX32 not being active. Any potential overcapacity volume thru the Florida Panhandle and West Coast of Florida will adversely affect ZJX33/34.
- When open ZJX21 is showing better sector loading.
- Once the Central Area Sector ZJX32 opens ZJX21 should be open more consistently.



New Sector Utilization

Jan 23, 2025 – Feb 24, 225

Percentage of Time Sectors 31 and 21 Were Open (14:00 - 23:45 GMT) $_{100\,\Gamma}$





Sector Load Comparison

* Values are average sector load per 15 min buckets in Zulu time.

January 23, 2024 - Feb 24, 2024

Sector	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45	22:00	22:15	22:30	22:45
11	10.61	10.39	10.21	10.18	10.52	11.58	10.79	11.21	10.94	10.12	10.39	11.03	10.03	11.15	13.09	14.15	12.64	12.21	10.55	10.27	11.52	11.48	11.42	12.15	12.24	11.16	11.28	11.88
30	13.70	13.06	14.52	14.42	15.45	15.64	16.97	16.67	15.73	15.79	14.91	13.50	14.30	17.85	21.21	20.52	18.52	17.73	16.52	15.91	17.09	17.00	17.91	17.79	18.27	18.61	17.73	18.09

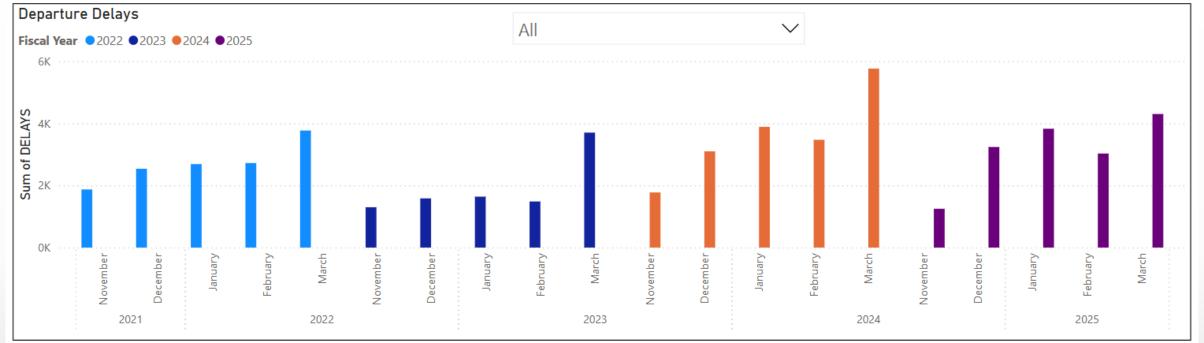
January 23, 2025 - Feb 24, 2025

Sector	16:00	16:15	16:30	16:45	17:00	17:15	17:30	17:45	18:00	18:15	18:30	18:45	19:00	19:15	19:30	19:45	20:00	20:15	20:30	20:45	21:00	21:15	21:30	21:45	22:00	22:15	22:30	22:45
11	9.63	9.20	9.20	9.37	9.10	11.00	10.55	8.74	8.20	8.97	8.91	9.22	9.28	10.16	12.25	11.16	9.94	9.53	8.53	8.75	9.47	9.09	8.94	10.00	10.32	10.48	10.29	11.26
21	11.00	13.50	10.50	9.33	7.25	8.00	7.33	6.50	7.00	6.50	5.86	8.60	8.25	9.63	10.71	9.29	9.67	8.17	9.00	7.75	10.25	11.50	10.75	11.00	8.20	8.00	7.60	7.40
30	12.38	13.16	13.88	12.84	12.48	12.94	14.06	13.88	12.44	12.31	13.97	13.00	12.84	15.47	18.66	17.91	15.25	13.41	12.94	12.63	12.81	11.69	13.72	15.38	14.97	14.22	15.19	16.03
31	7.08	8.00	8.15	9.80	9.50	7.67	8.46	9.38	9.23	7.85	8.71	8.64	7.06	8.41	10.18	11.06	9.84	9.84	9.58	9.17	9.67	9.22	8.52	9.71	8.50	6.73	7.27	8.70



Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
MCO	364907	410474	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

SB 2022
13,584
Total Dept Delays
365,994 Total Minutes Dept Delay
26.94 Avg Minutes

SB 2023
9,702 Total Dept Delays
267,634 Total Minutes Dept Delay
27.59 Avg Minutes

17,992 Total Dept Delays
500,160 Total Minutes Dept Delay
27.80 Avg Minutes

SB 2024

SB 2025
15,641
Total Dept Delays
401,328 Total Minutes Dept Delay
25.66 Avg Minutes

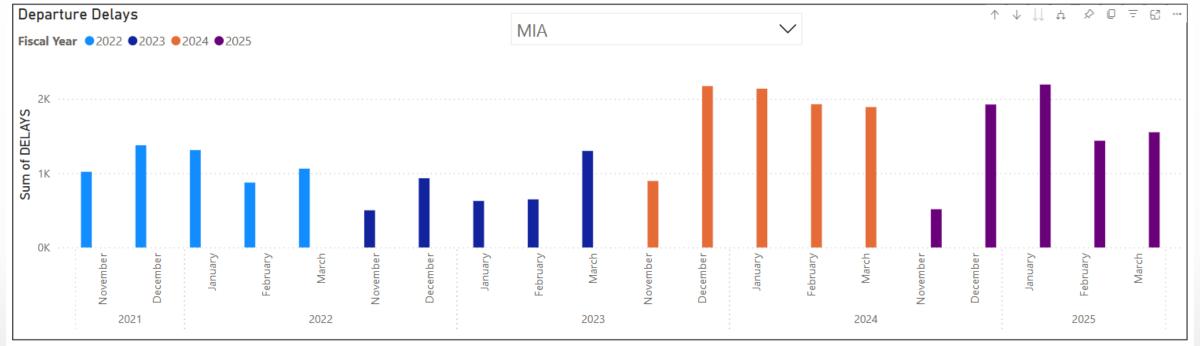
CD 202E

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
мсо	83,737	100,186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



MIA Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
MCO	364907	410474	12%
МЕМ	212/12	202247	_C0/_
MIA	458478	485448	6%
LRI	1/1855	1/6111	۷%
TPA	212995	230271	8%
Total	3182462	3472790	9%

	35 2022
	5,636
ı	Total Dept Delays
	124,566
	Total Minutes Dept Delay
	22.10
	Avg Minutes

SB 2022

SB 2023
4,003 Total Dept Delays
96,958 Total Minutes Dept Delay
24.22 Avg Minutes

9,019 Total Dept Delays
229,966 Total Minutes Dept Delay
25.50 Avg Minutes

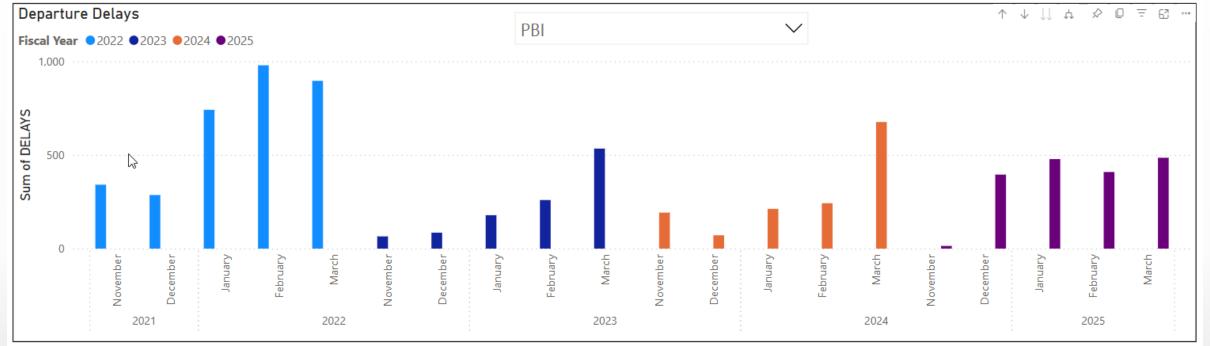
SB 2024

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
мсо	83,737	100,186	20%
MFM	A6 979	38 218	_10%
MIA	113,041	125,130	11%
РЫ	5 I,Ubb	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



PBI Snow-Bird Departure Delays

2022 - March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
MCO	364907	410474	12%
MEM	213418	202347	-5%
MIA	A59A79	AREAAR	CO (
PBI	171855	176111	2%
IPA	212995	2302/1	გ %
Total	3182462	3472790	9%

SB 2022
3,243 Total Dept Delays
102,481 Total Minutes Dept Delay
31.60 Avg Minutes

35 2020
1,121 Total Dept Delays
36,811 Total Minutes Dept Delay
32.84 Avg Minutes

SB 2023

1,393 Total Dept Delays
50,525 Total Minutes Dept Delay
36.27 Avg Minutes

SB 2024

SB 2025
1,781
Total Dept Delays
47,859
Total Minutes Dept Delay
26.87
Avg Minutes

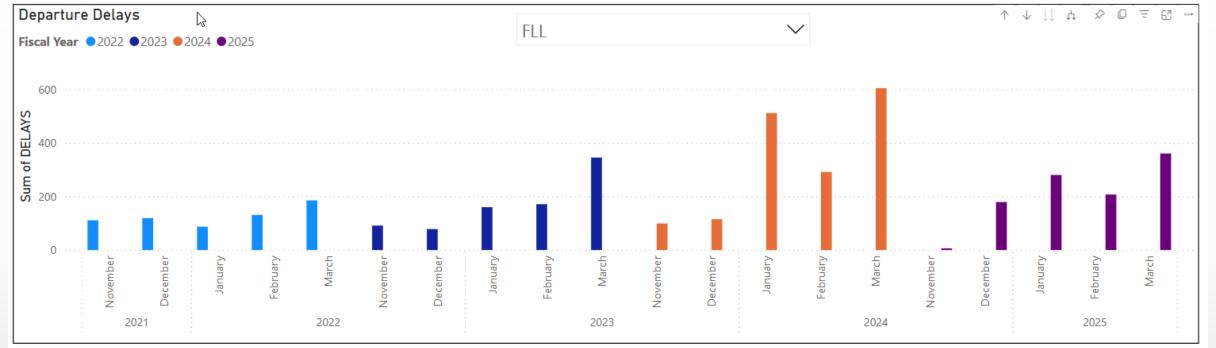
CD 2025

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
мсо	83,737	100,186	20%
MEM	46,979	38,218	-19%
МΙΔ	113 N/1	125 130	11%
PBI	51,066	46,539	-9%
IPA	5 2, 310	57,908	Y %
Total	739,886	811,417	10%



FLL Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CIT	199037	589530	18%
FLL	286181	307269	7%
MCO	3049U/	4104/4	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

	SB 2022
	633
	Total Dept Delays
	17,208 Total Minutes Dept Delay
1	27.18 Avg Minutes

3B 2023
845
Total Dept Delays
27,009 Total Minutes Dept Delay
31.96 Avg Minutes

CD 2022

1,620
Total Dept Delays
47,108
Total Minutes Dept Delay
29.08
Avg Minutes

SB 2024

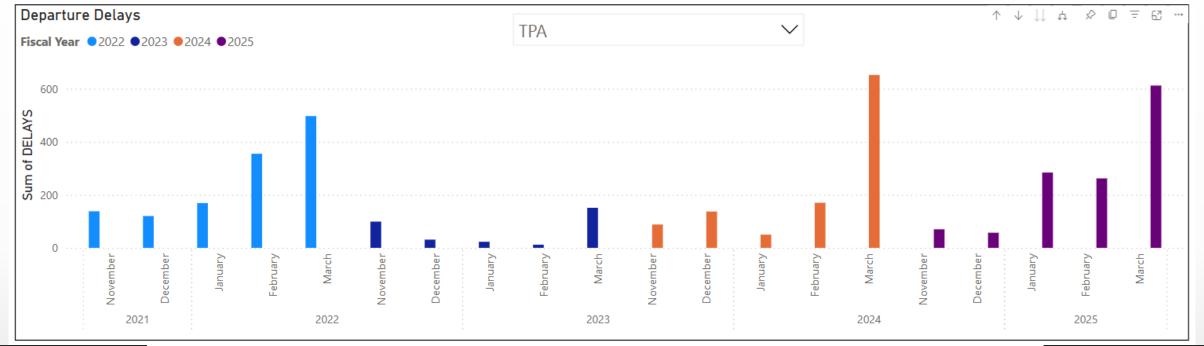
1,032
Total Dept Delays
28,147
Total Minutes Dept Delay
27.27
Avg Minutes

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CIT	111 75/	130 245	17%
FLL	70,380	78,533	12%
MICO	03,131	100,100	∠ U%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



TPA Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
мсо	364907	410474	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PRI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

3D 2022
1,279
Total Dept Delays
42,653 Total Minutes Dept Delay
33.35 Avg Minutes

SR 2022

SB 2023
316 Total Dept Delays
9,620 Total Minutes Dept Delay
30.44 Avg Minutes

1,097 Total Dept Delays
34,296 Total Minutes Dept Delay
31.26 Avg Minutes

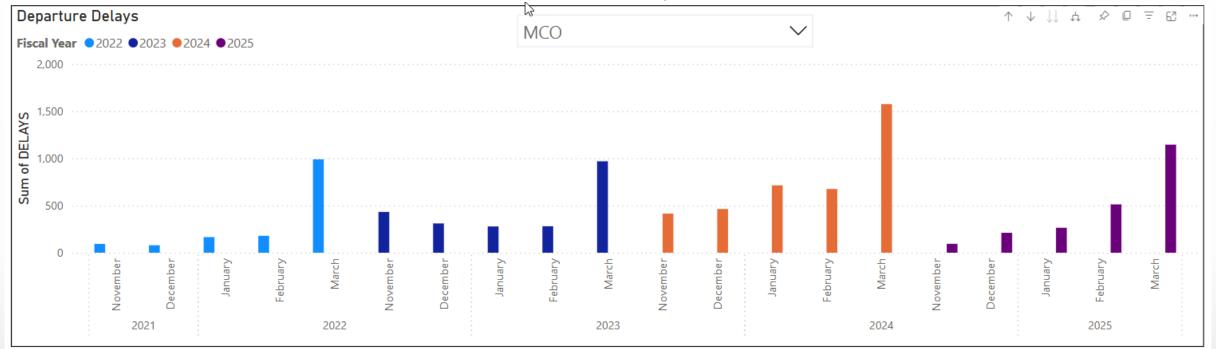
SB 2025
1,285 Total Dept Delays
41,355 Total Minutes Dept Delay
32.18 Avg Minutes

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
мсо	83,737	100,186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PRI	51 066	46 539	_9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



MCO Snow-Bird Departure Delays

 $2022 - March 25, \overline{2025}$



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FII	286181	307269	7%
мсо	364907	410474	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

3D 2022			
	1,505		
I	Total Dept Delays		
I	46,214		
I	Total Minutes Dept Delay		
I	30.71		
	Avg Minutes		

SR 2022

	00 2020
	2,269 Total Dept Delays
ay	66,641 Total Minutes Dept Delay
	29.37 Avg Minutes

SB 2023

3,842 Total Dept Delays	
112,357 Total Minutes Dept	Delay
29.24 Avg Minutes	

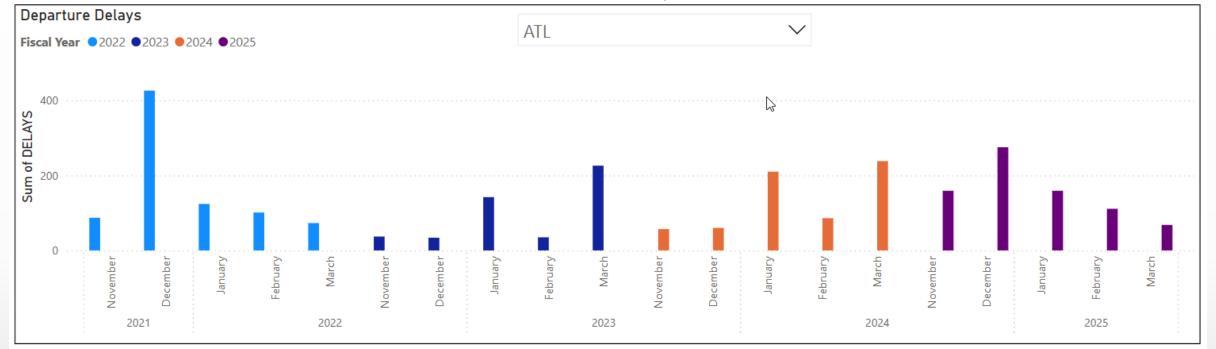
SB 2025
2,226
Total Dept Delays
68,182
Total Minutes Dept Delay
30.63
Avg Minutes

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FII	70 380	78 533	12%
мсо	83,737	100,186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



ATL Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
MCO	364907	410474	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

SB 2022
811 Total Dept Delays
22,804 Total Minutes Dept Delay
28.12 Avg Minutes

3D 2023	
474	
Total Dept Delays	
13,670	
Total Minutes Dept Delay	
28.84	
Avg Minutes	
Total Minutes Dept Delay 28.84	

SB 2023

651
Total Dept Delays
17,718
Total Minutes Dept Delay
27.22 Avg Minutes

SB 2024

3D 2023
772
Total Dept Delays
16,327 Total Minutes Dept Delay
21.15 Avg Minutes

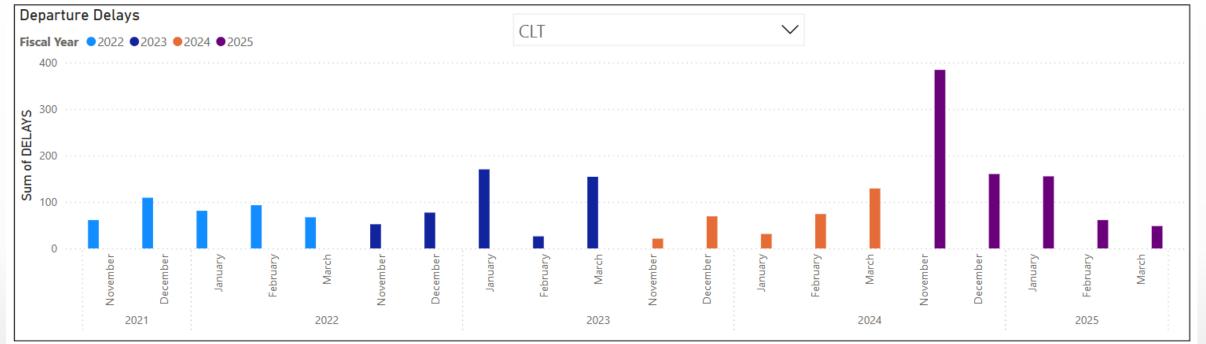
SR 2025

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
MCO	83,737	100,186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



CLT Snow-Bird Departure Delays

2022 – March 25, 2025



Airport	2022	2024	% Growth
ATL	724145	796224	10%
RNA	251446	275116	Q9/L
CLT	499037	589530	18%
FLL	286181	307269	/%
MCO	364907	410474	12%
MEM	213418	202347	-5%
MIA	458478	485448	6%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

	SB 2022
	411
I	Total Dept Delays
I	8,113
I	Total Minutes Dept Delay
I	19.74
	Avg Minutes

SB 2023
479
Total Dept Delays
10,952 Total Minutes Dept Delay
22.86 Avg Minutes

324 Total Dept Delays
6,506 Total Minutes Dept Delay
20.08 Avg Minutes

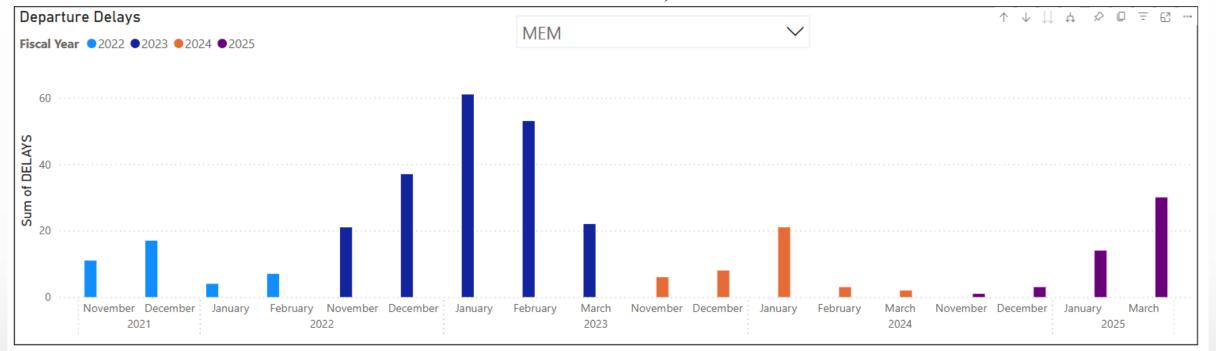
SB 2025
808
Total Dept Delays
16,694 Total Minutes Dept Delay
20.66 Avg Minutes

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
DNIA	E1 7E/	57.069	120/
CLT	111,754	130,245	17%
FLL	/0,380	/8,533	12%
MCO	83,737	100,186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



MEM Snow-Bird Departure Delays

 $2022 - March 25, \overline{2025}$



Airport	2022	2024	% Growth
ATL	724145	796224	10%
BNA	251446	275116	9%
CLT	499037	589530	18%
FLL	286181	307269	7%
мсо	364907	410474	12%
MEM	213418	202347	-5%
MIA	45ö4/ö	4ö544ö	ხ%
PBI	171855	176111	2%
TPA	212995	230271	8%
Total	3182462	3472790	9%

	SB 2022
	39
I	Total Dept Delays
	1,264 Total Minutes Dept Delay
	32.41 Avg Minutes

CD 2022

SB 2023
194
Total Dept Delays
5,917 Total Minutes Dept Delay
30.50 Avg Minutes

CD 2022

40 Total Dept Delays	
1,485 Total Minutes Dept Delay	,
37.13 Avg Minutes	

SB 2024

3B 2023
48
Total Dept Delays
1,622 Total Minutes Dept Delay
33.79 Avg Minutes

CD 2025

Airport	2022 partial	2025	% Growth
ATL	158,265	176,690	12%
BNA	51,754	57,968	12%
CLT	111,754	130,245	17%
FLL	70,380	78,533	12%
мсо	83.737	100.186	20%
MEM	46,979	38,218	-19%
MIA	113,041	125,130	11%
PBI	51,066	46,539	-9%
TPA	52,910	57,908	9%
Total	739,886	811,417	10%



Questions



