

# NOC 2019 Spring Listening Session



April 24, 2019

Mendota Heights City Hall

# Agenda

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- 7:00 – Welcome
- 7:05 – Introductions
- 7:15 – MAC Presentation
  - Noise Abatement Procedures
  - MSP Turboprop Operations
  - MSP Noise Abatement Dashboard
- 7:30 – Open Conversation
- 8:30 – Closing Feedback



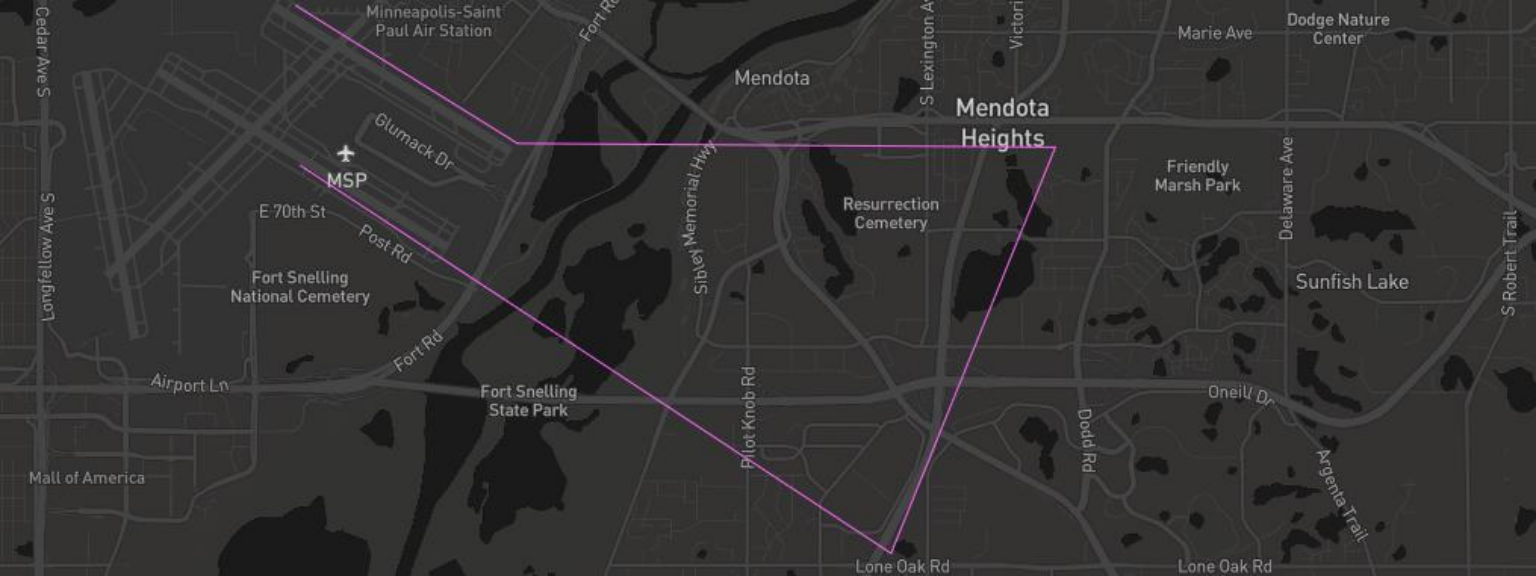




# MSP Noise Abatement Procedures

# Noise Abatement Procedures

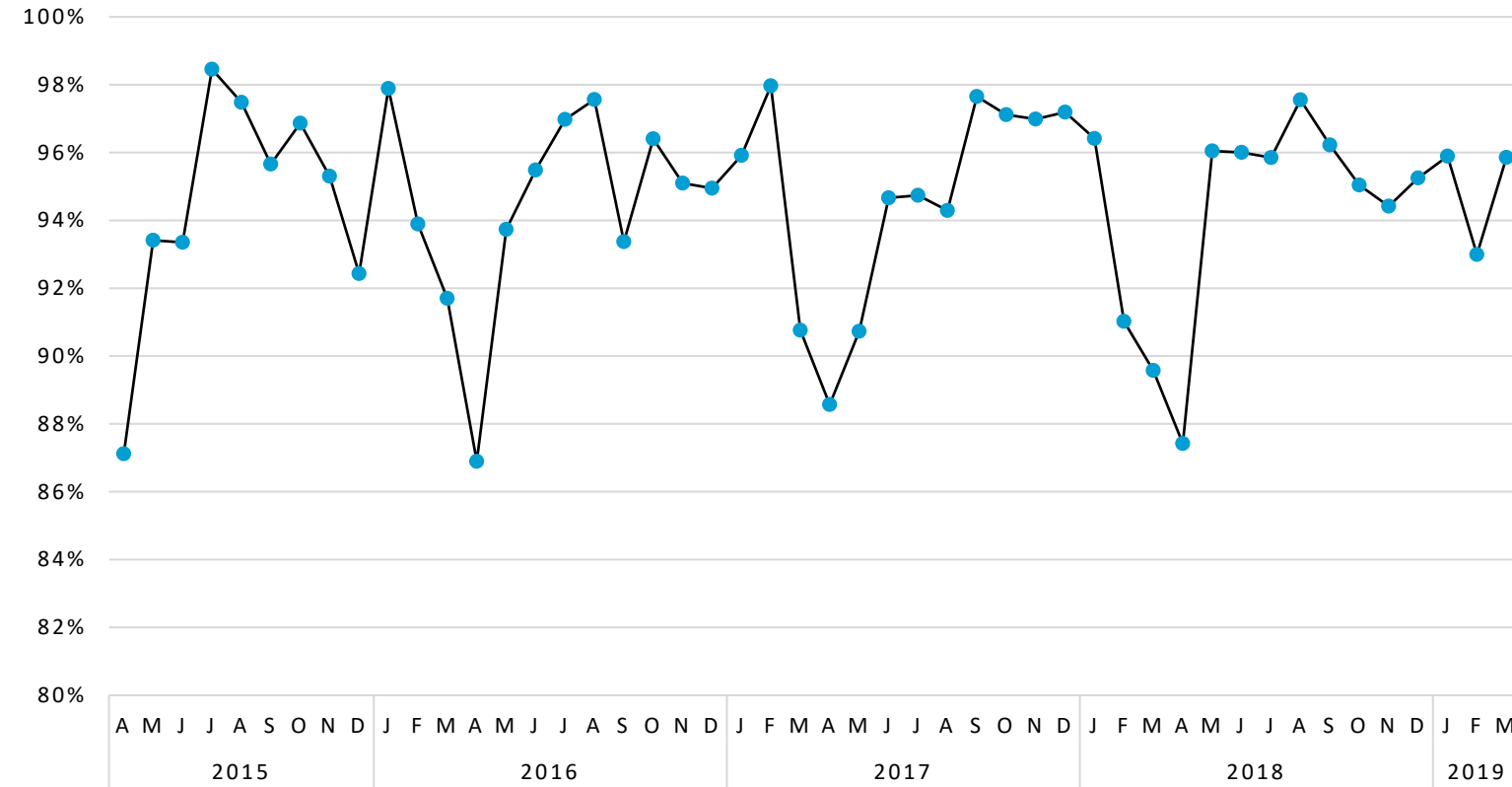
- Egan – Mendota Heights Corridor
- Crossing-in-the-Corridor Procedure
- Runway 17 Departure Procedure
- Runway Use System (RUS)



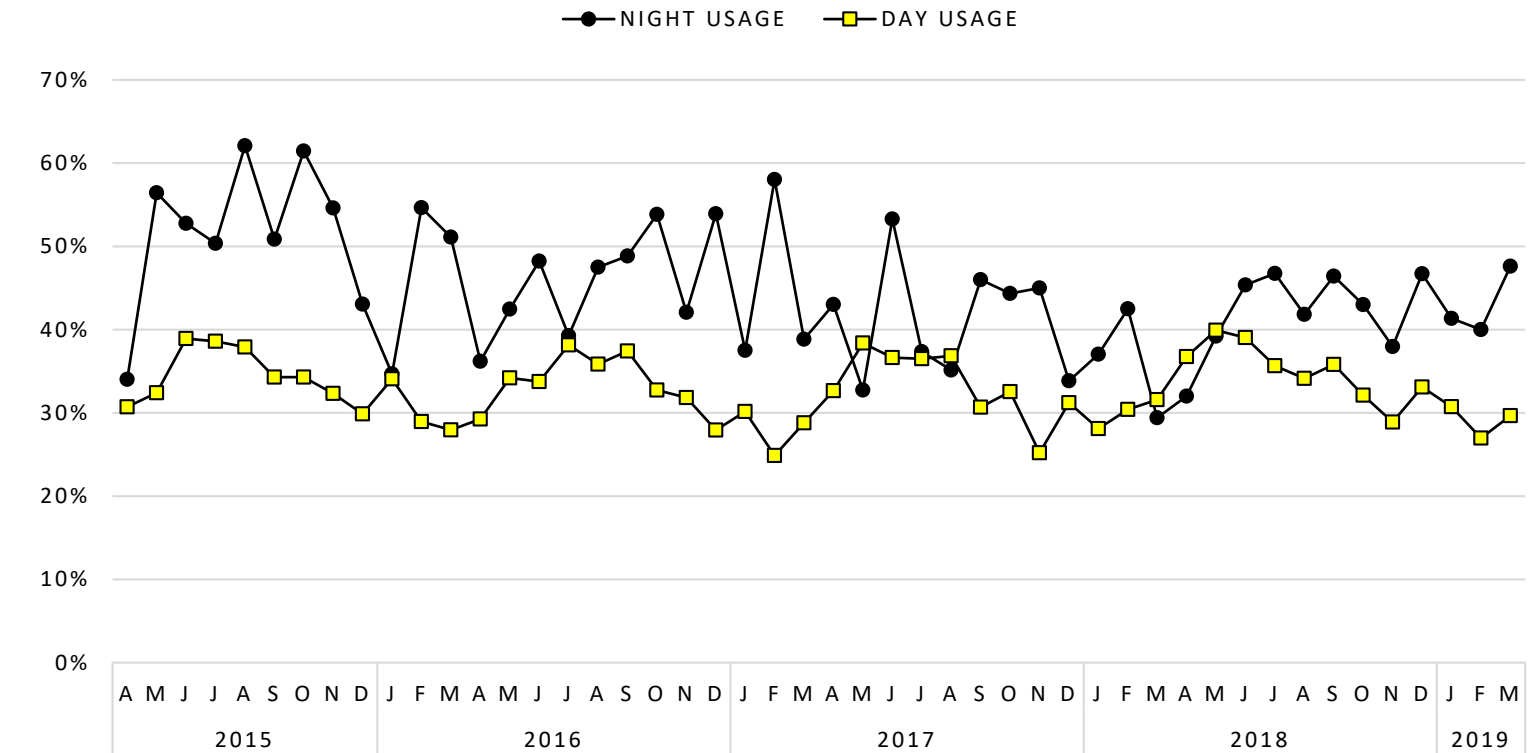
# Noise Abatement Procedures

- Eagan – Mendota Heights Corridor
- Crossing-in-the-Corridor Procedure
- Runway 17 Departure Procedure
- Runway Use System (RUS)

**EAGAN-MENDOTA HEIGHTS CORRIDOR USAGE**



**EMH CROSSING-IN-THE-CORRIDOR PROCEDURE**





# MSP Turboprop Operations



# MSP Traffic



- MSP International Airport is open to any and all properly certificated aircraft





# MSP Traffic

- MSP International Airport is open to any and all properly certificated aircraft





# Cruise Airspeed



500

Knots

125

Knots



225

Knots



# Turboprop Usage

**59,500**

Operations in 2005  
(11.5%)



**10,800**

Operations in 2018  
(2.7%)



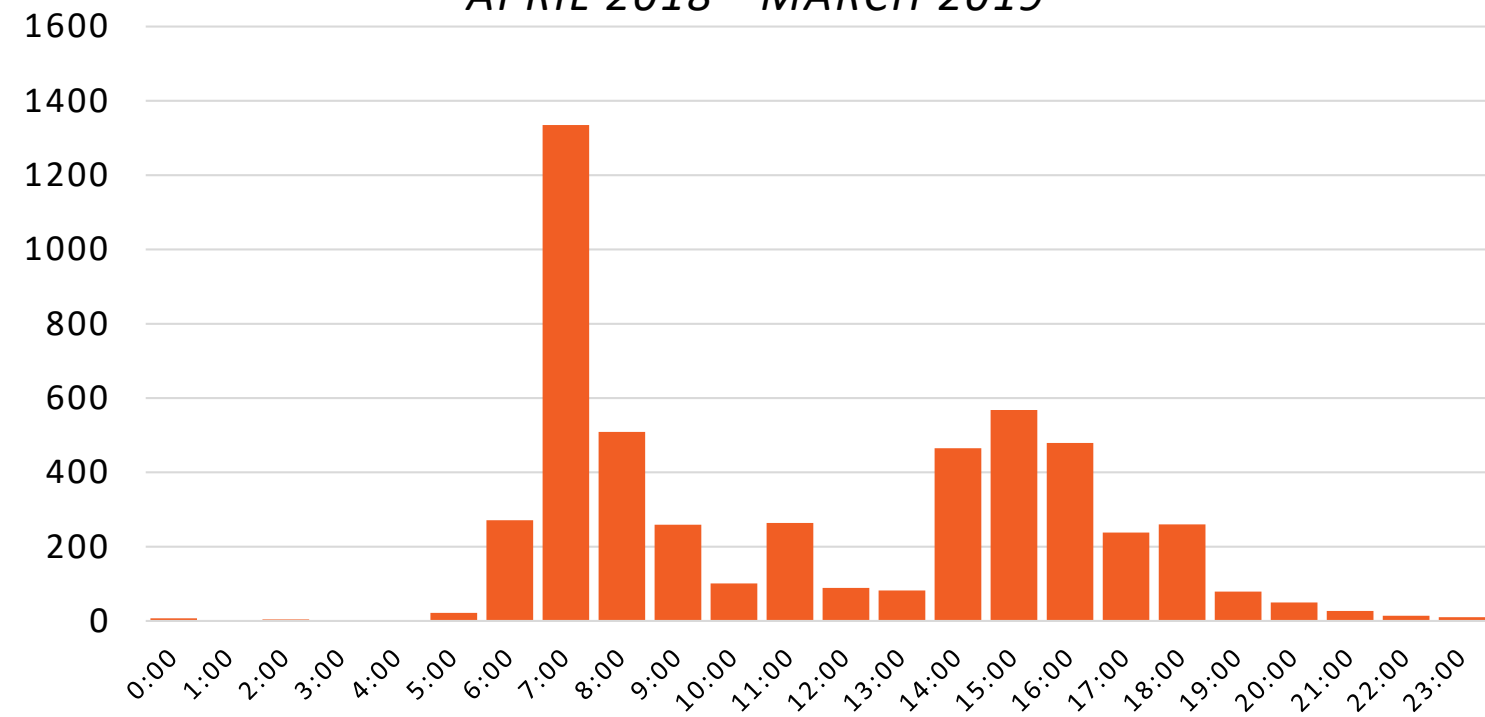
# Turboprop Operations

✈️ Turboprop and piston powered aircraft are not directed to use the Eagan-Mendota Heights Corridor or Runway 17 Departure Procedure







## TURBOPROP DEPARTURES BY HOUR

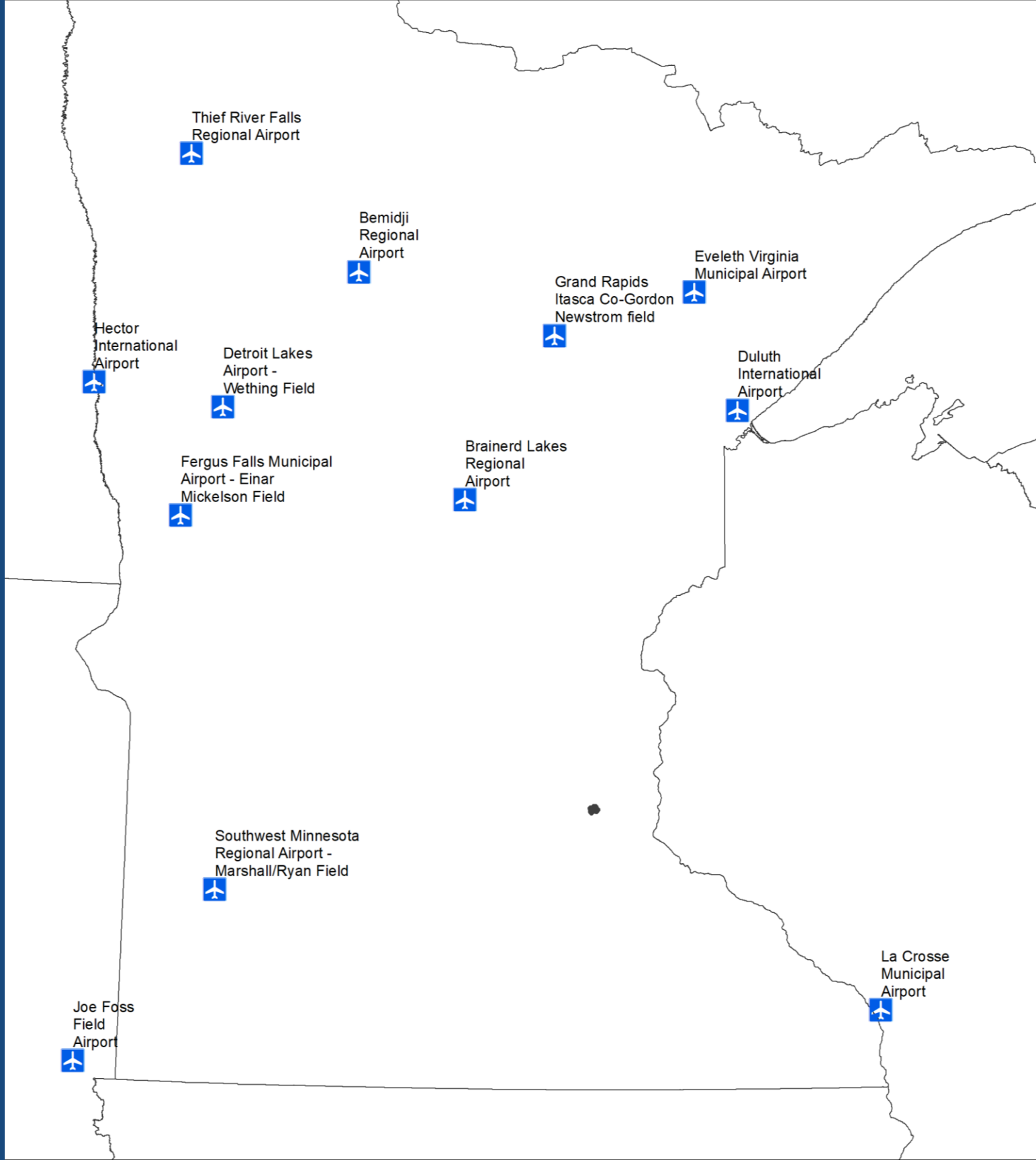
APRIL 2018 - MARCH 2019





# Common Operators

-  Bemidji Aviation
-  Boutique Air
-  Air Choice One
-  General Aviation

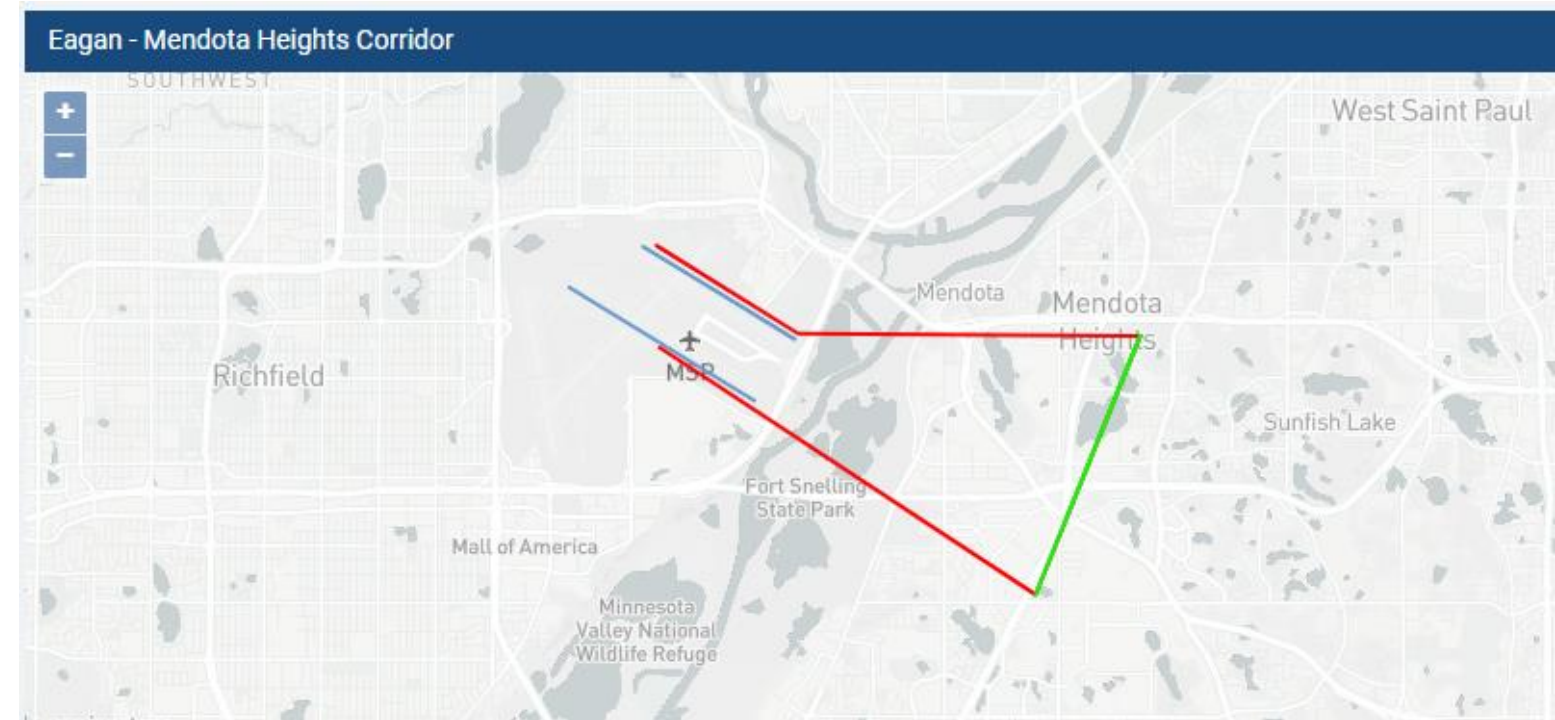




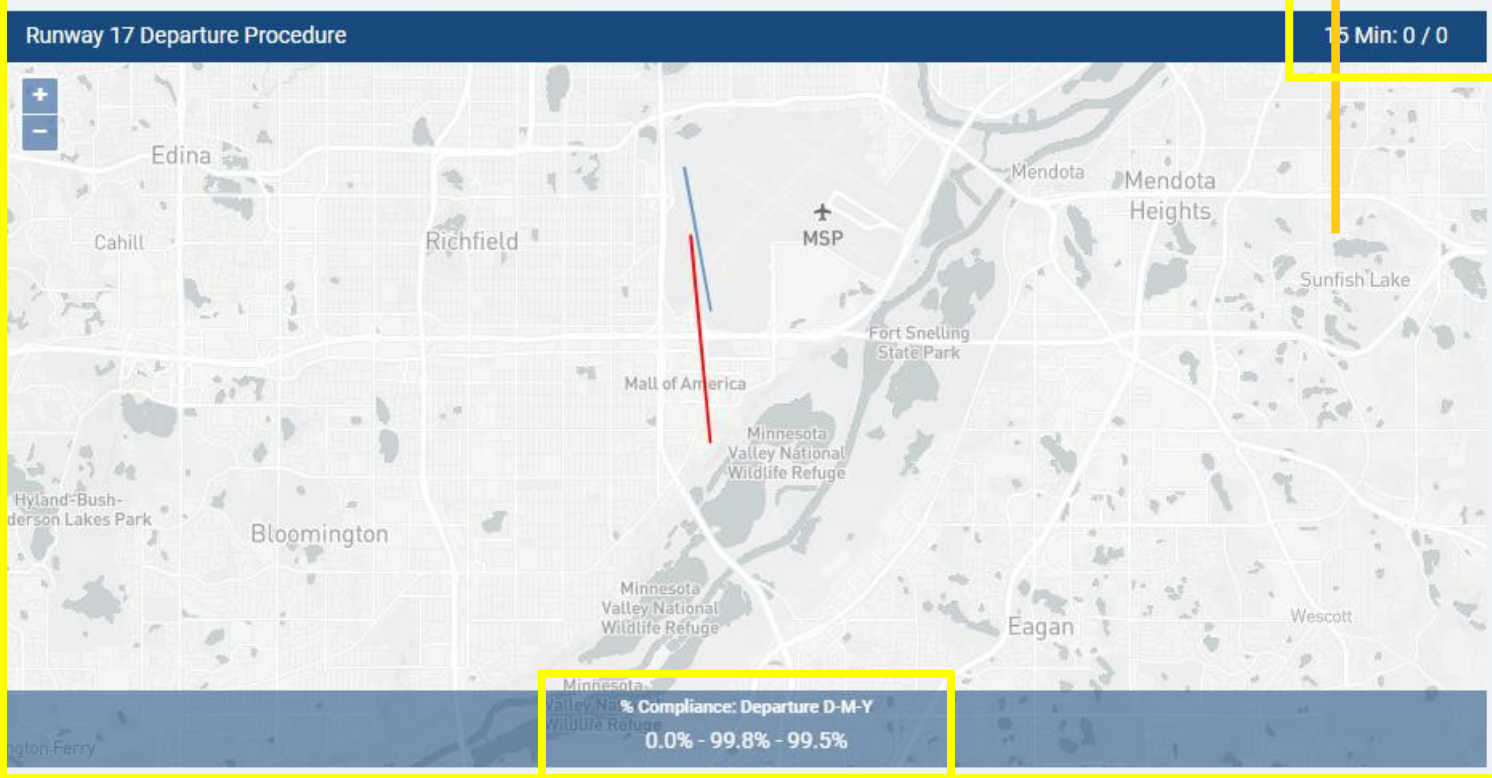
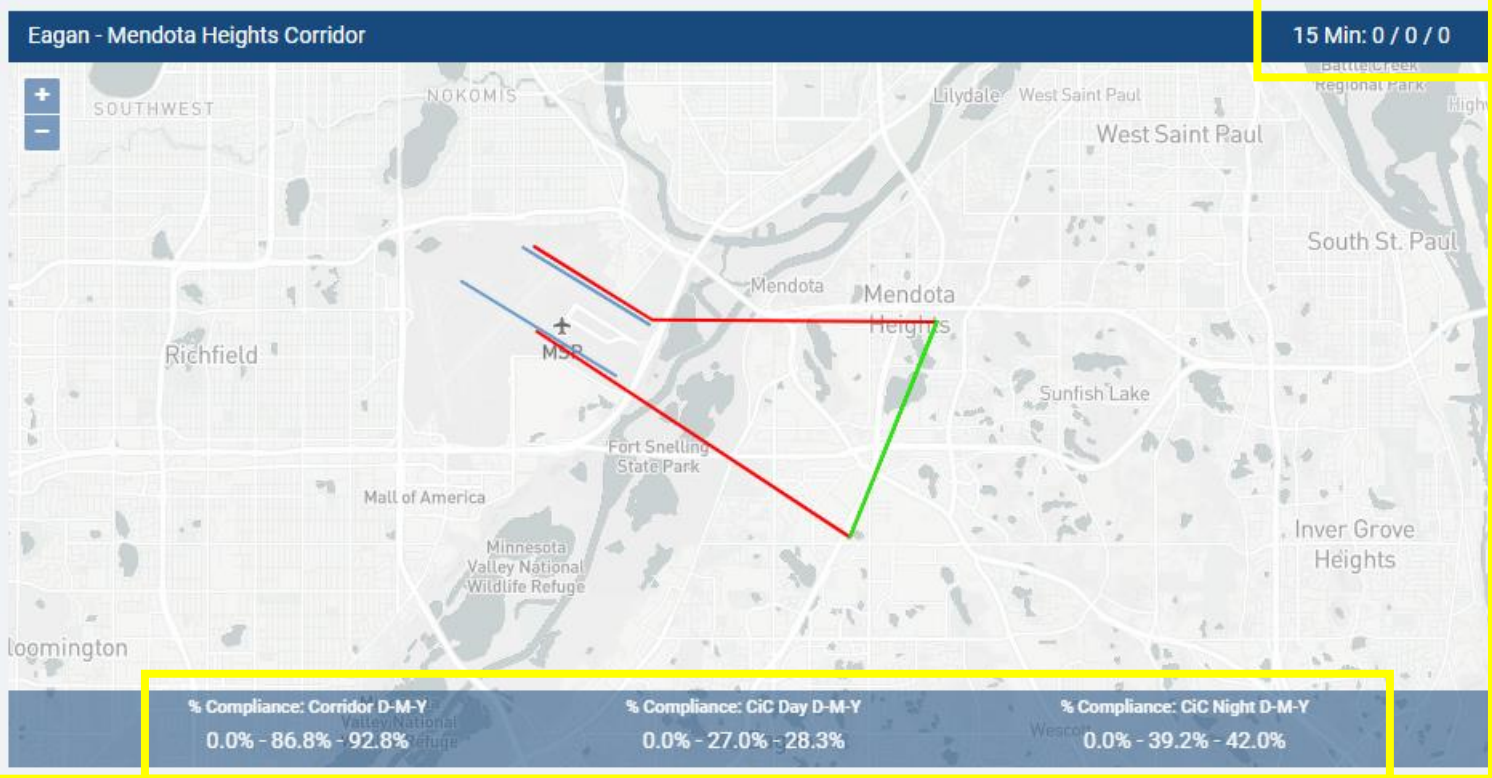
# MSP Noise Abatement Dashboard

# Noise Abatement Dashboard

- Developed and launched in late 2018
- Monitors the use of 3 procedures and the RUS
- Increases the timeliness of the data







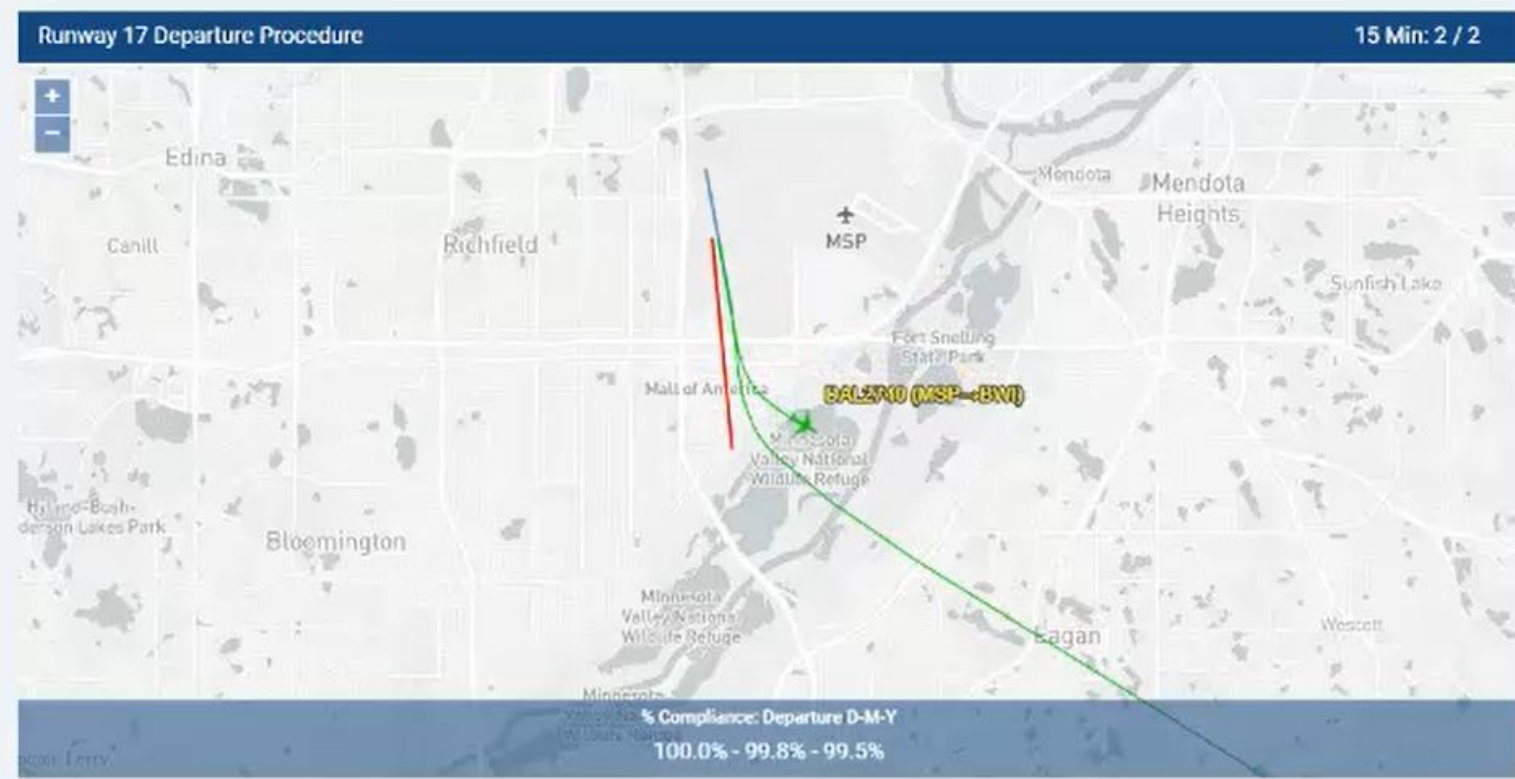
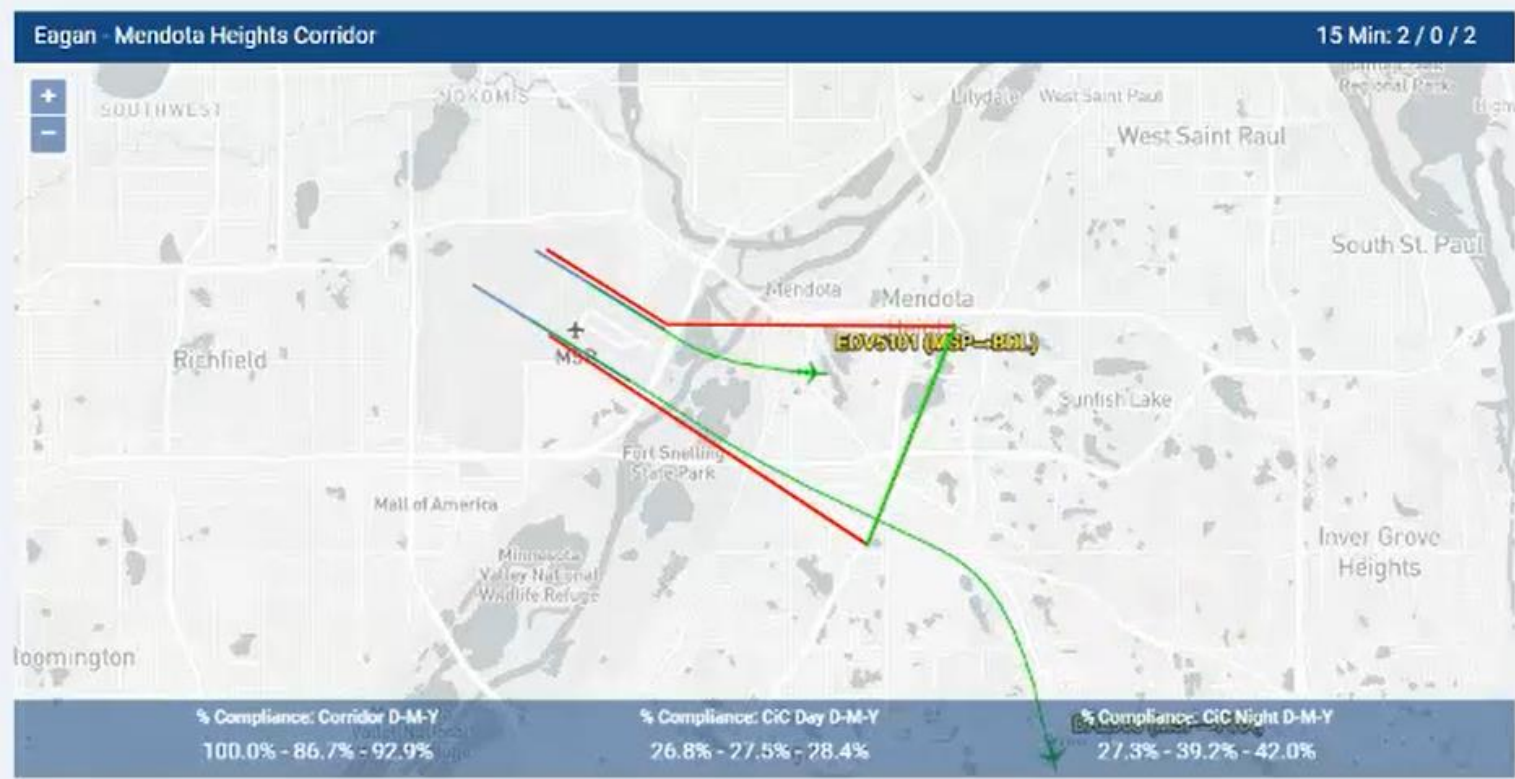
### Runway Use by Hour

Hour	Arrival Config	Departure Config	Flow	Operations
11:00	30R	30L,30R	Straight North Flow	16
10:00	30L,30R	30L,30R	Straight North Flow	71
9:00	30L,30R	30L,30R	Straight North Flow	70
8:00	30L,30R	30L,30R	Straight North Flow	54
7:00	30L,35,30R	30L,30R	North Flow	101
6:00	30L,30R	30L,30R	Straight North Flow	33
5:00	30L,30R	30L,30R	Straight North Flow	27
4:00	30L	30L	Straight North Flow	5

### Daily Abatement Metrics

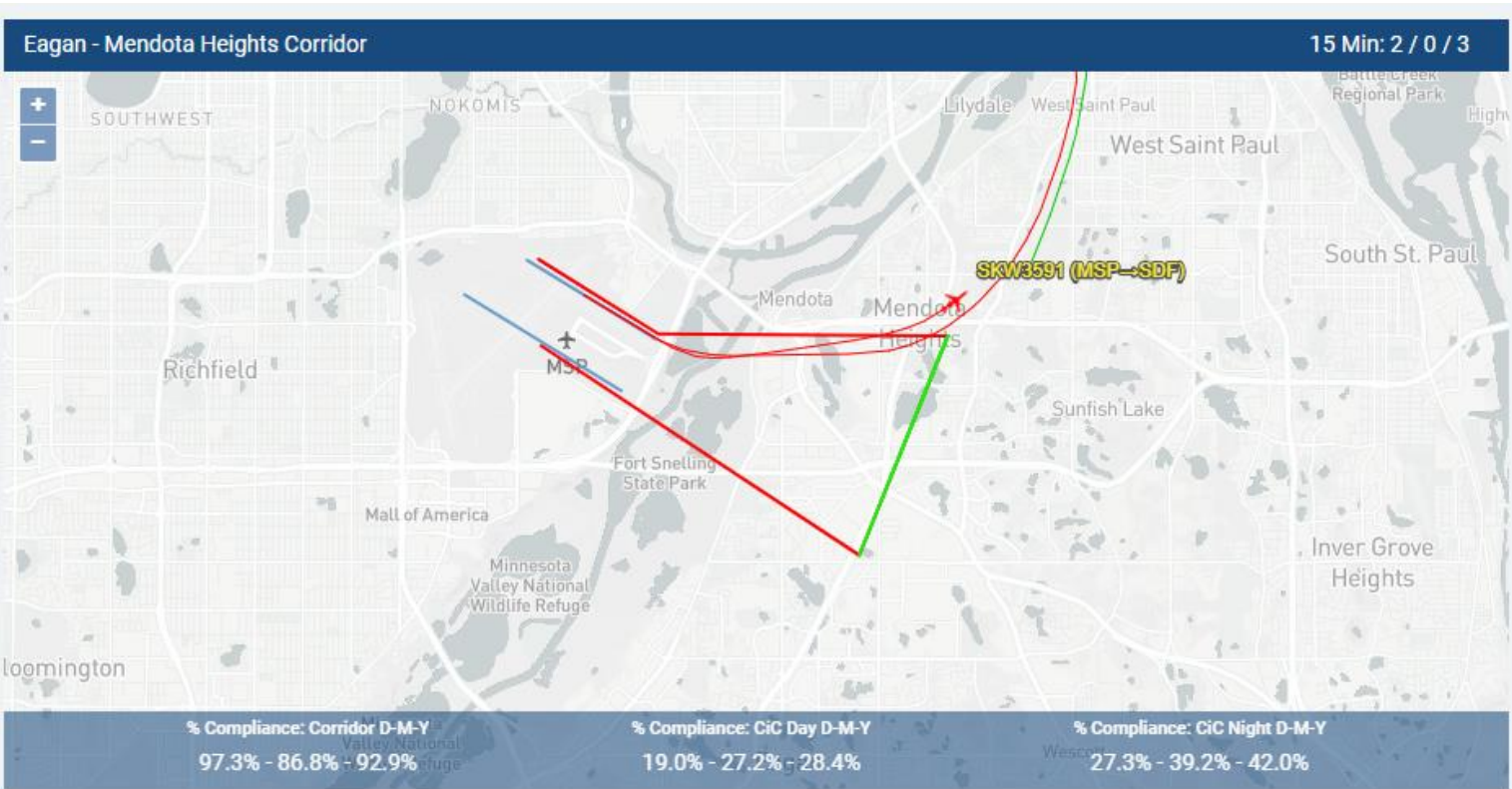
Date	APR (current)		MAR	FEB	JAN	Notes	Non-Compliant
	Eagan-MH	CiC Day	CiC Night	Runway 17	RUS		
04/01/2019	100.0%	65.3%	100.0%	100.0%	58.7%		
04/02/2019	N/A	N/A	N/A	99.0%	59.4%		1
04/03/2019	N/A	N/A	N/A	99.0%	58.2%		1
04/04/2019	98.4%	25.7%	10.5%	99.5%	51.4%		5
04/05/2019	100.0%	23.7%	23.5%	99.7%	48.9%		1
04/06/2019	98.6%	21.4%	90.9%	100.0%	47.6%		2
04/07/2019	100.0%	44.4%	63.6%	100.0%	51.9%		

# Compliant Tracks



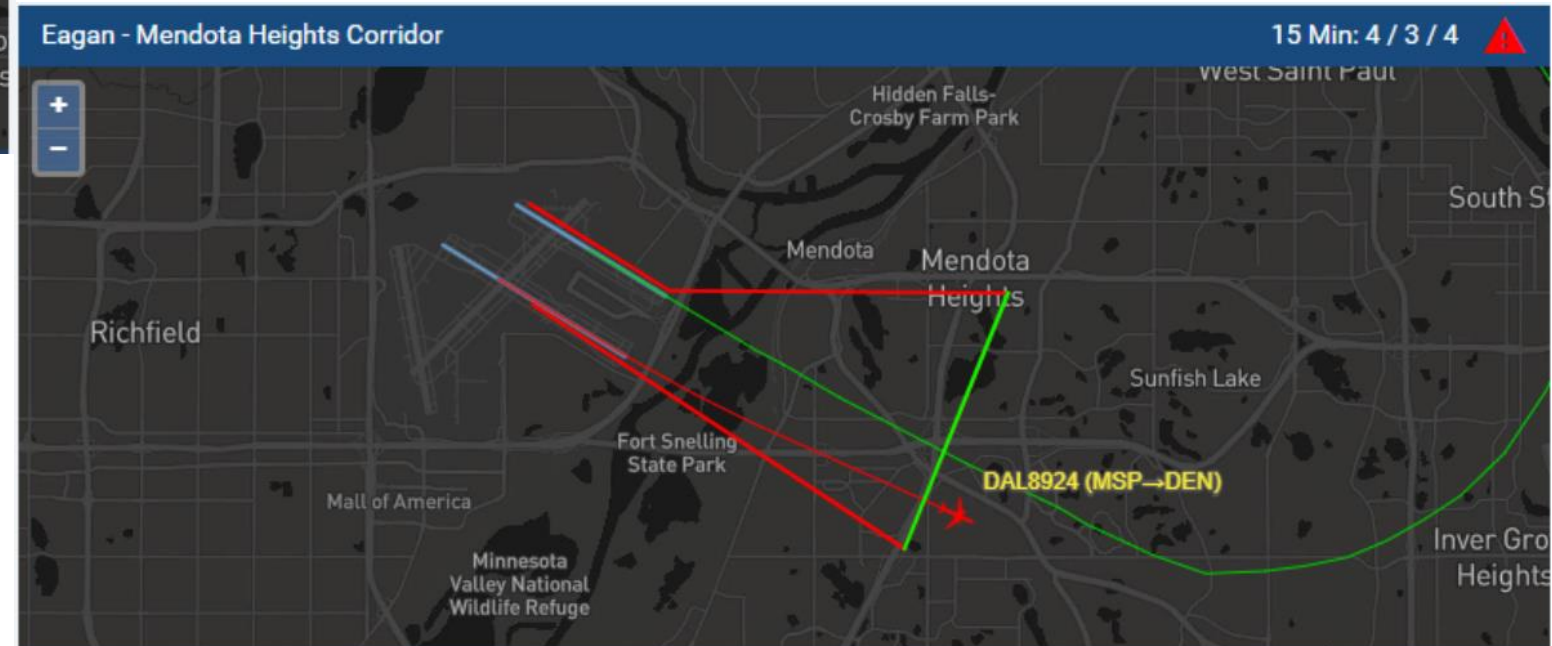
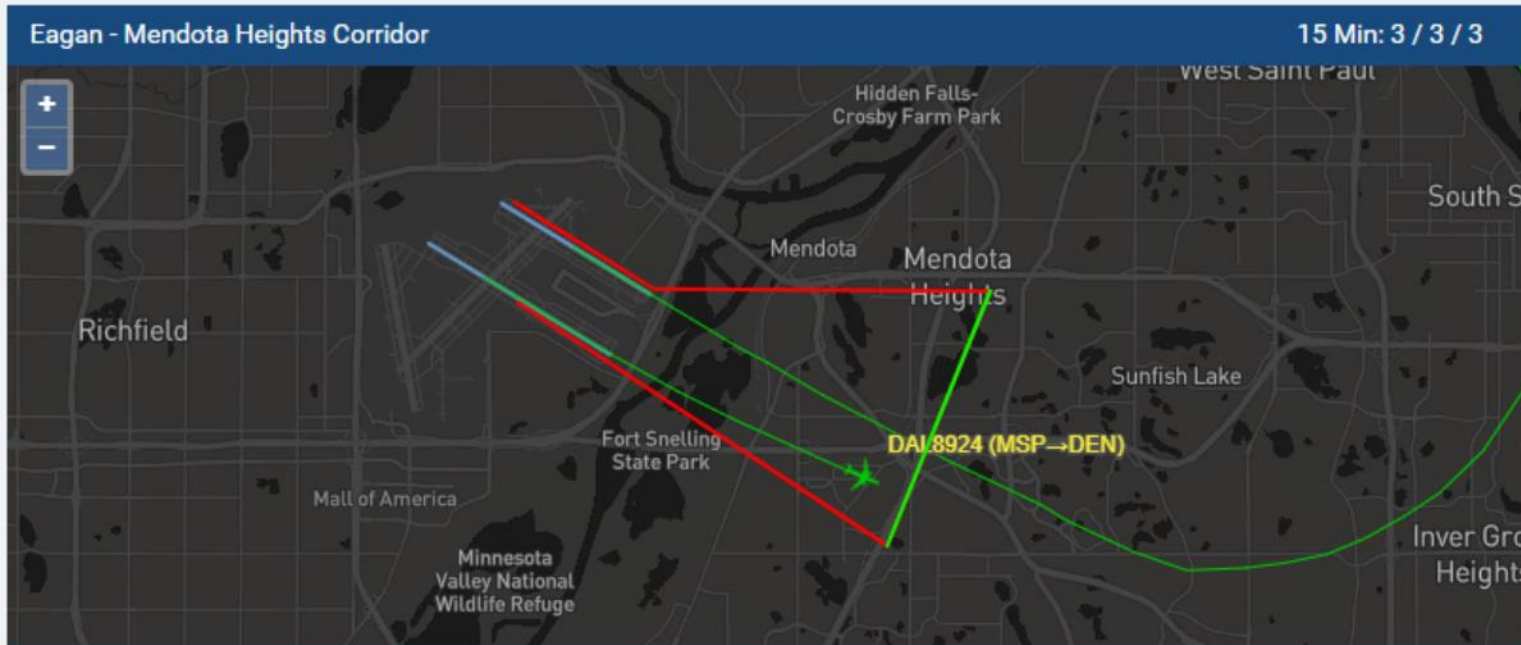


# Non-Compliant Tracks





# Nighttime Tracks



# Open Conversation





# Please let us know how we are doing

- 
- What did you enjoy about this meeting?
  - What suggestions do you have to improve?

