

Regular Meeting

October 15, 2024



This meeting is being recorded.

Please remember to mute yourself when you are not speaking.

DAAC Goal and Purpose

GOAL:

This Council is formed to further the general welfare of the community and the Saint Paul Downtown Airport - Holman Field, a public airport in the City of Saint Paul, County of Ramsey, State of Minnesota, through minimizing or resolving problems created by the operation of the airport and aircraft.

- **PURPOSE**: 1) To advise the Metropolitan Airports Commission (MAC) on future airport use and development.
 - 2) To study and evaluate complaints and problems concerning the airport and aircraft operations.
 - 3) To propose and promote reasonable and effective methods to minimize or resolve problems arising from and connected with aircraft operations and the airport.
 - 4) To disseminate information to the affected communities, neighborhoods and users of the airport.
 - 5) To bring information from the affected communities, neighborhoods and users of the airport back to the MAC



Agenda

- 1. Introductions
- 2. Approval of Meeting Minutes (10/17/2023)
- 3. Chair & Vice Chair Elections
- 4. Approval of Work Plan 2025
- 5. Airport Manager Update
- 6. Aircraft Operations & Noise Complaints Overview
- 7. Fly Neighborly Update
- 8. Annual STP Sound Study (2024)
- 9. Bylaws Discussion
- 10. Public Comment (up to 3 min. each speaker)
- 11. Member Announcements
- 12. Set Next Meeting Dates



Membership

Airport User Representatives	Public Representatives	Government Representatives
Dave Lessard	Jon Fure – Vice Chair (DC17)	Noel Nix
Phil Martineau	Myra Avila (DC3)	David Napier
Tom Rehkamp	Gary Brown (DC4)	
Kyle Schmaltz	Damien Schaab (DC5)	
Larry Gregg	Pending (DC6)	
David Wagner		
Chris Glatt		

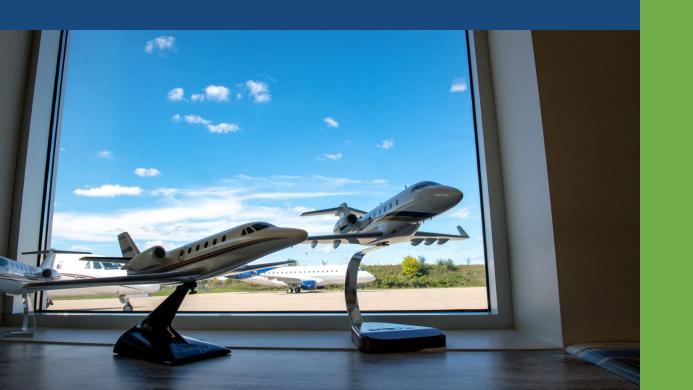
Action Item



Approval of Meeting Minutes for DAAC Meeting October 17, 2023



Action Item



Nominations and Election of Chair



Chairperson Role

The representatives shall by majority vote of the membership present at the time of voting (in-person or through virtual collaboration tool) elect from amongst the constituency of the Council a Chairperson who shall serve for a two (2) year term or until their representation on the Council terminates, whichever occurs first; and until their successor is elected. The powers and duties of the Chairperson are as follows:

- (1)To preside at all meetings of the Council. (4)To form a Sub-committee as necessary,
- (2)To call special meetings of the Council as he/she deems necessary, or upon request by any three (3) USER, or two (2) PUBLIC, or one (1) GOVERNMENT REPRESENTATIVE(S).
- (3)To sign as Chairperson of this Council, with the approval of the membership, certifications and other papers and instruments in-writing that may require such signature.

- (4)To form a Sub-committee as necessary, and appoint its members, for special projects.
- (5)To perform such other duties and tasks as these Bylaws or as the membership shall from time to time prescribe.

Nominations and Election for Chair

- Any member may be nominated
- One vote per member
- Each member will be called on to state their nomination
- At the end of nominations, nominated members have the option to decline



Vice-Chairperson Role

The representatives shall by majority vote of the membership present at the time of voting (in-person or through virtual collaboration tool) elect from amongst the constituency of the Council a Vice-Chairperson who shall serve for a two (2) year term or until their representation on the Council terminates, whichever occurs first; and until their successor is elected. The powers and duties of the Vice-Chairperson in the absence of the Chairperson are as follows:

- (1)To preside at meetings of the Council.
- (2)To call meetings.
- (3)To perform the duties and exercise the powers of the Chairperson.

Nominations and Election for Vice Chair

- Any member may be nominated for Vice Chair, except the newly-elected Chair
- One vote per member
- Each member will be called on to state their nomination
- At the end of nominations, nominated members have the option to decline



Action Item



Approval of Work Plan 2025



2025 DRAFT DAAC Work Plan

- STP Annual Sound Study
- Review of aircraft noise complaints & aircraft operations summary
- Tenant Highlight
- Metropolitan Airports Commission Airport Tour Update -Introduction to Long Term **Planning Process**

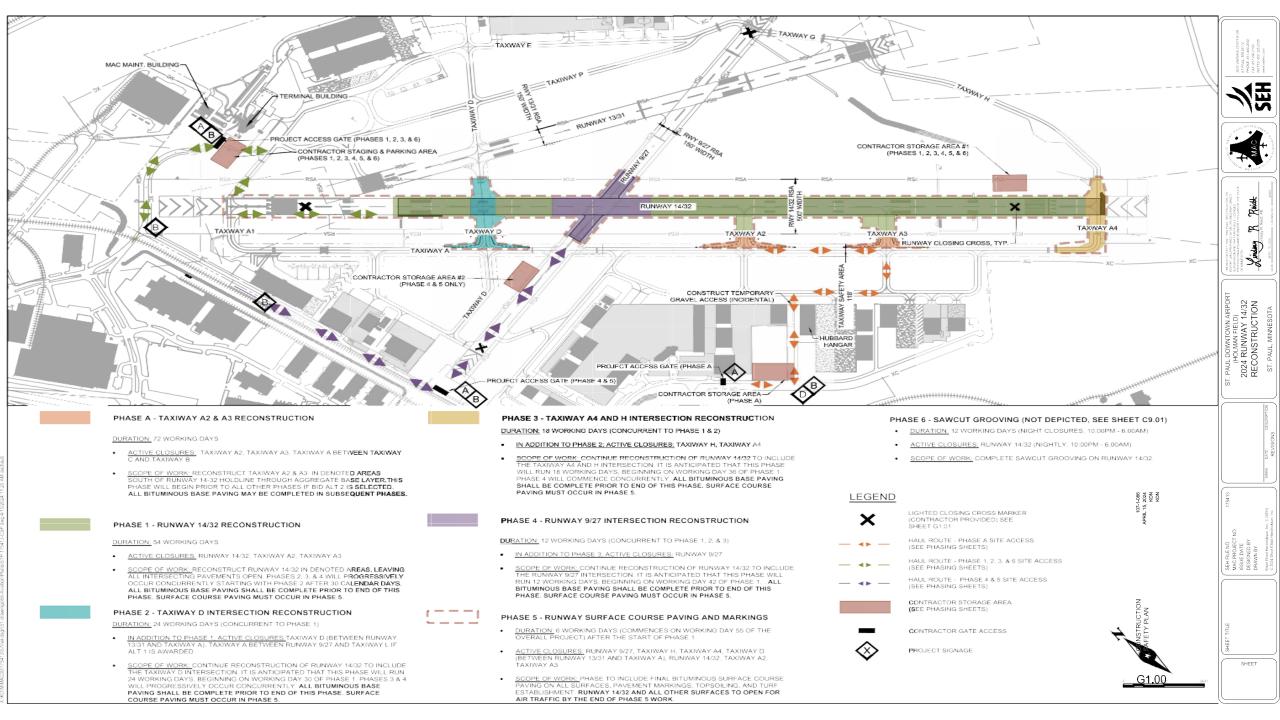
- Reliever Airport Advisory **Commission Update**
- STP Airport Manager Update
- Airport/Community Events

Information

STP Airport Manager Update







Information



Aircraft Operations & Noise Complaints Summary Q3 2023

Aircraft Operations & Noise Complaints

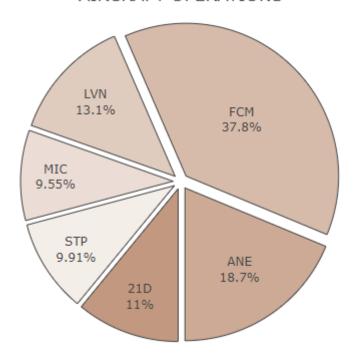
Home STP FCM ANE MIC LVN 21D

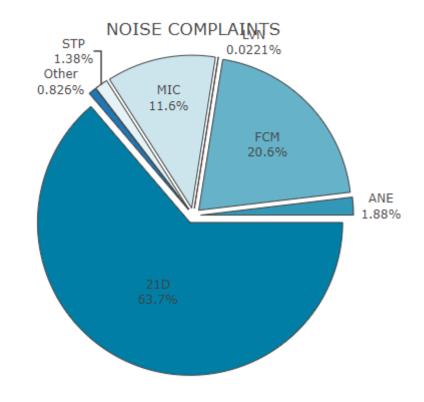
MAC Reliever Interactive Reports



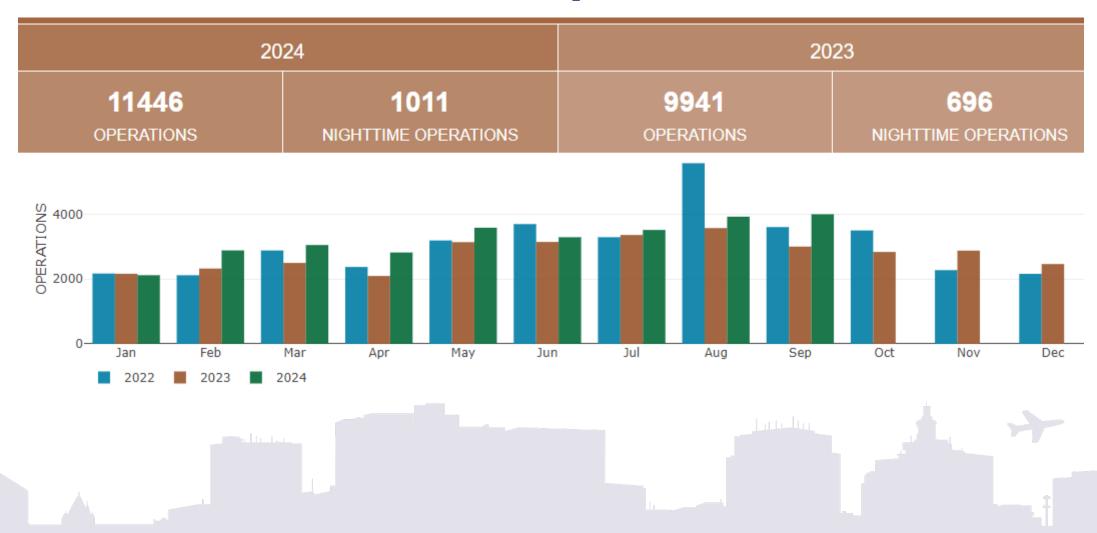
MAC Reliever Airport Comparison Q3 2024





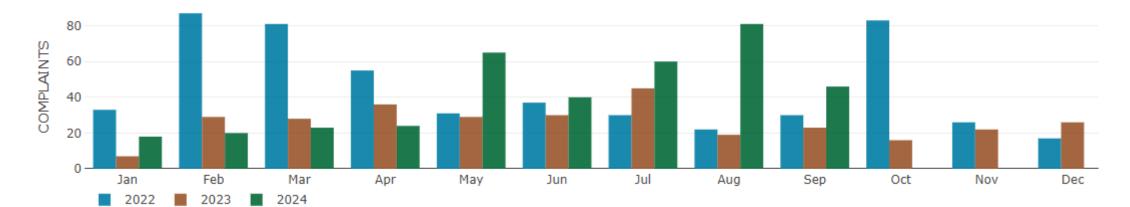


STP Aircraft Operations Q3



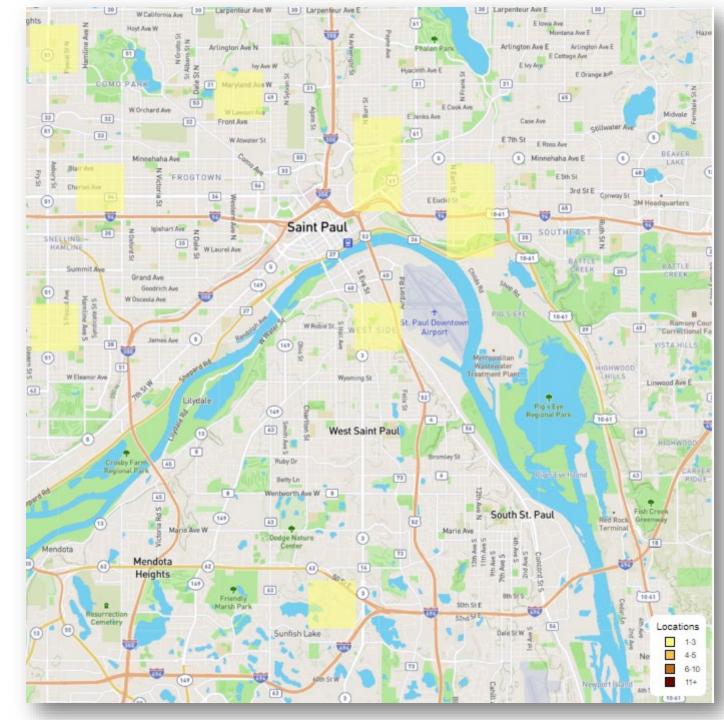
STP Noise Complaints Overview Q3

2024	187 COMPLAINTS	27 LOCATIONS	47 NIGHTTIME COMPLAINTS	11 NIGHTTIME HOUSEHOLDS
2023	87 COMPLAINTS	14 LOCATIONS	19 NIGHTTIME COMPLAINTS	8 NIGHTTIME HOUSEHOLDS



STP Noise Complaints Locations Q3 2024





Information



Fly Neighborly Update



Fly Neighborly Update

Noise Abatement Best Practices (measures) for the St. Paul Downtown Airport (STP) were developed in recognition of the need to promote a neighborly environment while continuing to facilitate air transportation services in this region. The measures address:

- 1. TAKEOFF AND APPROACH
- 2. TRAFFIC PATTERN
- 3. MAINTENANCE RUN-UPS

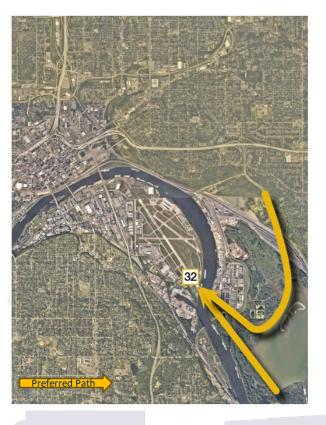
- 4. HELICOPTER OPERATIONS
- 5. NIGHTTIME OPERATIONS (2200-0700)
- 6. FLY NEIGHBORLY GUIDE

TAKEOFF AND APPROACH









TRAFFIC PATTERN

Operate aircraft at the airport traffic pattern altitude as follows, unless a lower altitude is needed while in the process of departing or arriving in accordance with Federal Aviation Regulations 14 CFR 91.119: Minimum Safe Altitudes:

- Turbine-powered aircraft: 1,700 feet agl (2605 msl)
- Propellor-driven aircraft: 1,200 feet agl (1906 msl)

Avoid multiple training events by turbine-powered.

Keep traffic pattern legs as short as possible.

Use the full length of runway.

Avoid repetitive activity over residences.

When departing the traffic pattern, choose a path that avoids overflying residential areas if practical.

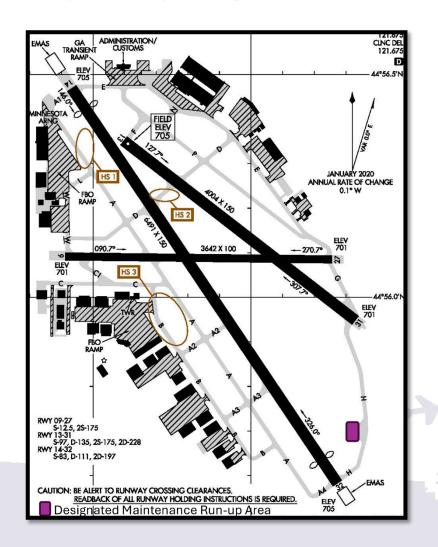




MAINTENANCE RUN-UPS

Two locations at STP are designated for engine tests and maintenance run-ups, shown in map below. These locations are selected to minimize the amount of noise projected toward adjacent residential areas.

- Use designated areas (see map) to conduct all engine tests and maintenance run-ups in excess of 5-minutes. Pre-departure Run-ups may be conducted in other areas.
- Engine tests and maintenance run-ups during nighttime hours prohibited



HELICOPTER OPERATIONS

- A. Utilize designated helicopter training areas determined by Air Traffic Control.
- B. Avoid helicopter training in the traffic pattern during nighttime hours.
- C. Avoid hovering for extended durations in the vicinity of residential areas.
- D. Avoid repetitive activity over the same neighborhoods
- E. During non-tower hours, helicopters shall follow the preferred noise abatement routes when practical.



NIGHTTIME OPERATIONS (2200-0700)

Nighttime hours (2200 to 0700 local time) are noise sensitive because people are resting, and noise intrusions are more noticeable. When nighttime flight activity is needed, please limit noise and operate with consideration for neighbors by following these measures:

- A. Avoid operating aircraft during nighttime hours.
- B. Avoid nighttime currency operations and flight training in the traffic pattern after 2400 local time.
- C. Avoid unnecessary low-level flyovers at the airport.



NEXT STEPS

- Receive Feedback from DAAC members by December 31, 2024
- Finalize and Publish STP Noise Abatement Best Practices in 2025
- Publish Fly Neighborly Guide and Custom Content for ForeFlight



Information

STP Sound Study





STP Sound Study

August 13-19, 2024

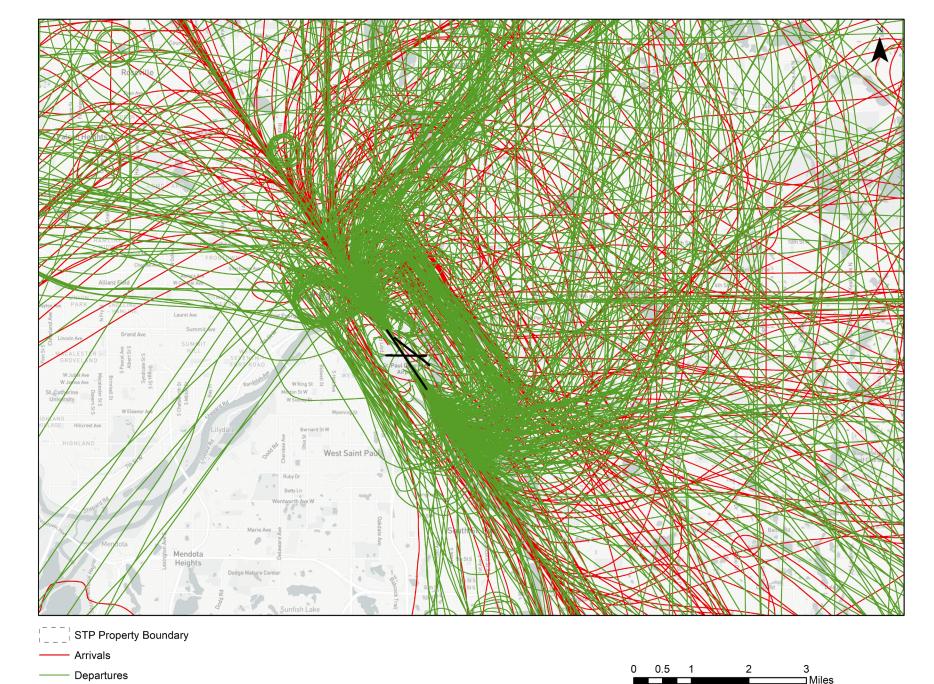
- The purpose of the study is to measure sounds associated with aircraft activity at St. Paul Downtown Airport (STP)
- MAC conducts an annual study in accordance with the commitments of the Supplemental Conditions of Agreement for the airport floodwall
- Each study involves analysis of seven consecutive days of STP flight activity
- Studies have been conducted each year since 2007
- Other studies in August include 2010, 2017, 2020, 2021, 2022, 2023
- Modeling data were included in 2020-2024 studies





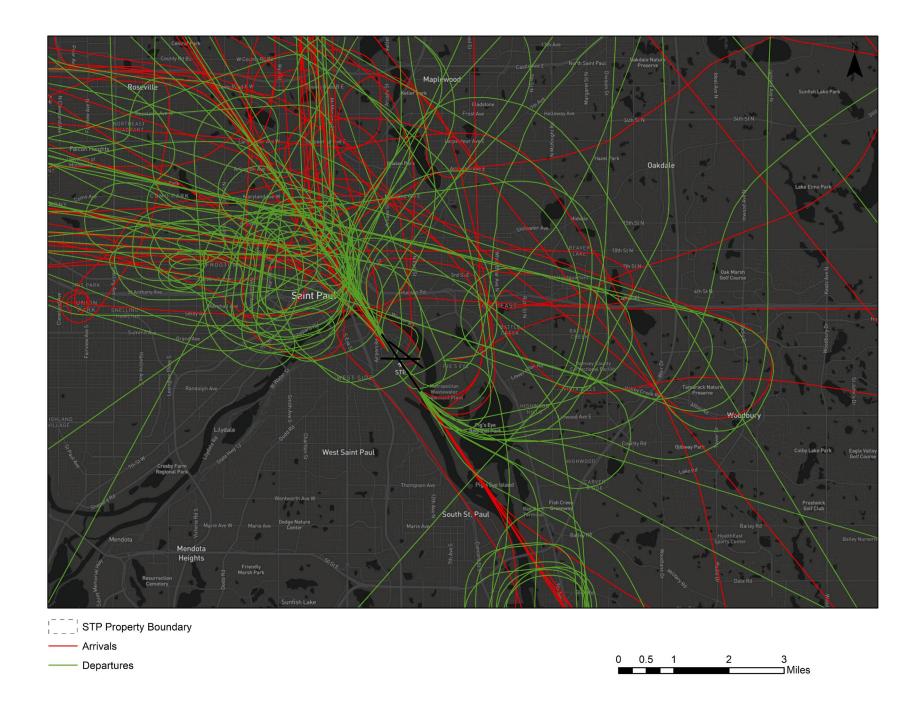
Table 2.1:										
STP Aircraft Activity per Runway each Day during the Study Period										
Rwy	13-	14-	15-	16-	17-	18-	19-	Rwy		
	Aug	Aug	Aug	Aug	Aug	Aug	Aug	Total		
	STP Arrivals									
9	-	-	-	-	-	-	-	-		
13	1	-	2	-	7	1	-	11		
14	95	63	47	3	3	9	70	290		
27	-	-	2	1	2	1	-	6		
31	1	-	-	-	16	1	1	19		
32	4	3	9	44	28	47	2	137		
	STP Departures									
9	-	2	-	-	1	2	1	6		
13	2	-	-	-	4	1	-	7		
14	89	58	-	-	3	8	66	276		
27	2	-	1	-	-	-	-	3		
31	-	-	1	-	21	1	-	23		
32	5	3	8	55	27	40	3	141		
Daily Total	199	129	122	103	112	111	143	919		

STP Flight Operations during 2024 Sound Study Period

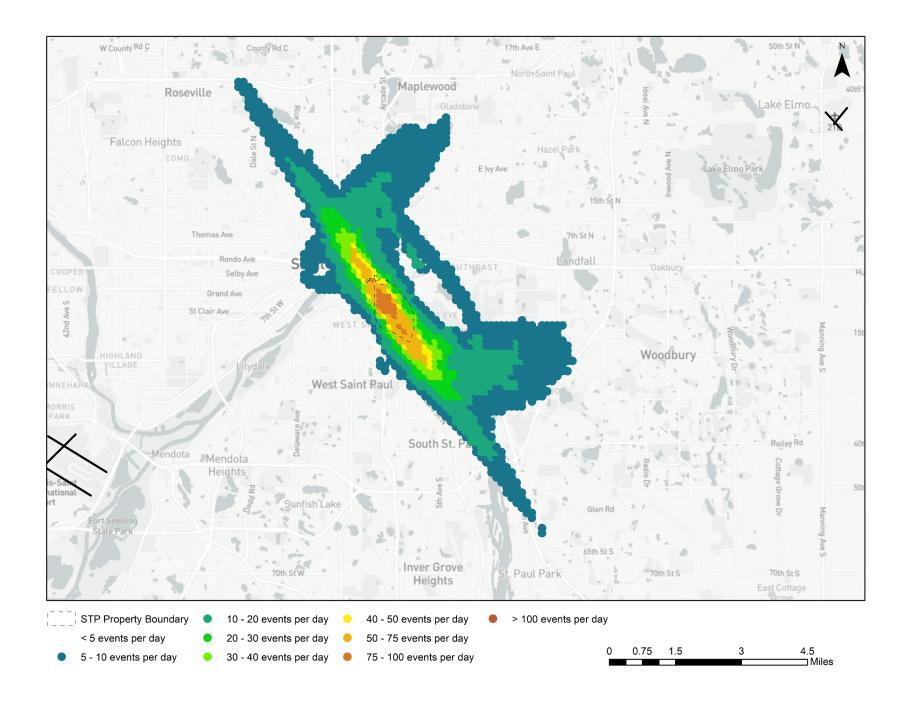


STP Nighttime Flight Operations during 2024 Sound Study Period

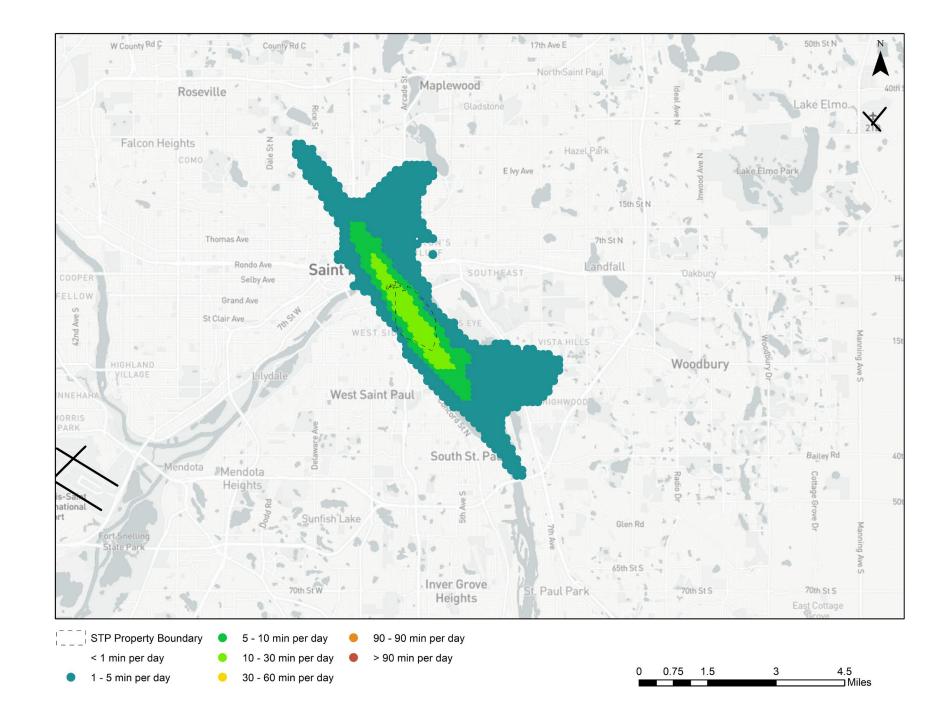
(2200-0700)

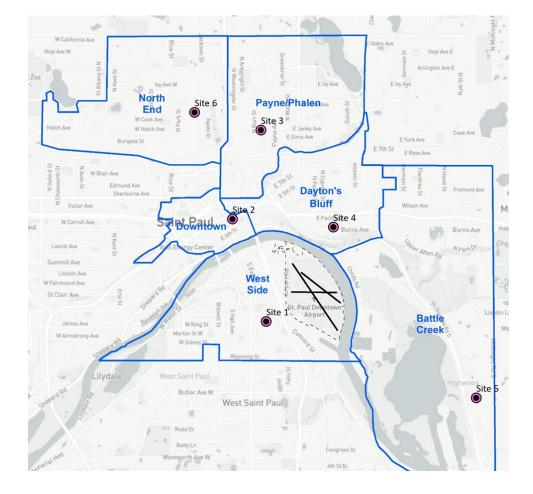


2024 STP Sound Study Modeling Results - Number Above 65 dBA per Day



2024 STP Sound Study Modeling Results - Time Above 65 dBA per Day

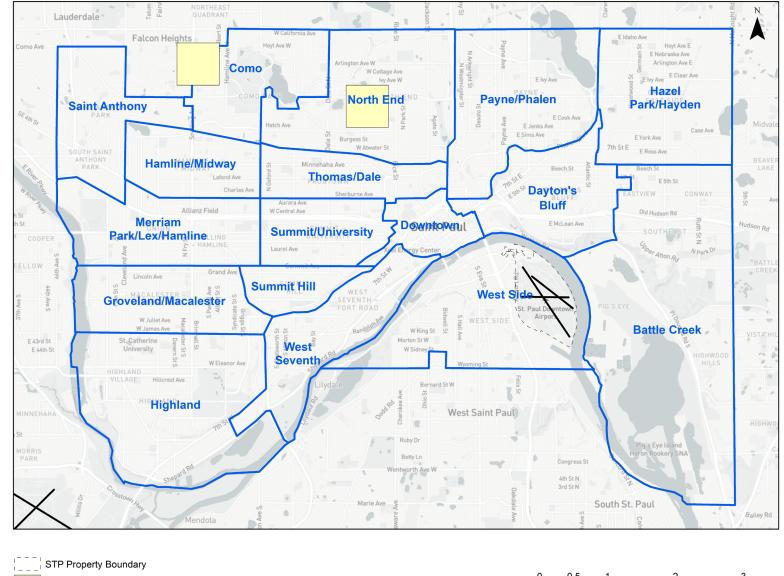




2024 STP Sound Study Modeling Results Comparison

Table 3.1 Modeled Number Above 65 dBA Sound Levels										
Site	te 2020 2021 2022 2023 2024									
1	13	22	100	64	22					
2	88	67	134	131	109					
3	70	48	77	79	97					
4	32	25	59	53	18					
5	92	121	107	97	70					
6	62	147	117	100	91					

	Table 3.2 Modeled Time Above 65 dBA Sound Levels (min)										
Site	2020	2021	2022	2023	2024						
1	1.8	2.3	10.0	6.0	3.8						
2	18.6	8.8	19.2	21.0	24.2						
3	22.7	9.8	16.9	19.4	19.4						
4	6.5	4.8	10.9	7.6	5.5						
5	19.3	24.7	24.7	21.1	14.1						
6	14.7	34.3	25.1	23.5	20.4						



1 - 3 Complaints

2024 STP Sound Study -Complaints

Table 4.1 2024 Study Period Complaints and Operations							
Aircraft Type	Operations	Complaints					
Helicopter	133	4					
Commercial Jet	10	1					
Jet	255	2					
Piston	405	1					
Turboprop	110	-					
Unknown	8	-					
Total	919	8					

Questions? Discussion & Next Steps



Information



Bylaws Discussion



Updates to DAAC Bylaws

Discussion is needed to address:

- 1. Long-term Planning is commencing, and engagement will include input from DAAC members
- 2. South Saint Paul would like to withdraw
- 3. Consideration of adjusted quorum based on rebalanced membership

ARTICLE II

Purpose and Goals

GOAL: This Council is formed to further the general welfare of the community and the Saint Paul Downtown Airport - Holman Field, a public airport in the City of Saint Paul, County of Ramsey, State of Minnesota, through minimizing or resolving problems created by the operation of the airport and aircraft.

PURPOSE: 1) To advise the Metropolitan Airports Commission (MAC) on future airport use, long-term planning, land use zoning, and development.

- 2) To study and evaluate complaints and problems concerning the airport and aircraft operations.
- 3) To propose and promote reasonable and effective methods to minimize or resolve problems arising from and connected with aircraft operations and the airport.
- 4) To disseminate information to the affected communities, neighborhoods and users of the airport.
- 5) To bring information from the affected communities, neighborhoods and users of the airport back to the MAC.

ARTICLE III

Council Powers

The Council powers and business of the Council shall be vested in, and exercised, conducted and controlled by the membership of the Council through the <u>USER REPRESENTATIVES</u>, and <u>PUBLIC</u>

<u>REPRESENTATIVES</u> and <u>GOVERNMENT REPRESENTATIVES</u>, all as hereinafter provided, with exercise of said powers by the membership and through its Council Officers and Sub-committee(s).



With the withdrawal of South St. Paul from membership, consider simplifying membership as follows:

<u>USER REPRESENTATION</u> (7 members)

One (1) representative from the Minnesota Army National Guard.

Six (6) at-large airport user representatives to be determined by the MAC.

<u>PUBLIC REPRESENTATION</u> (7 members)

One (1) representative from the Dayton's Bluff District 4 Council.

One (1) representative from the Capitol River District 17 Council.

One (1) representative from the Payne-Phalen District 5 Council.

One (1) representative from the West Side District 3 Council.

One (1) representative from the North End District 6 Council.

One (1) representative from the City of Saint Paul.

One (1) representative from the City of West Saint Paul.



ARTICLE IV

Membership

- (1) The Council membership, as hereinafter set forth, shall consist of the officially designated representatives with authority to act upon all matters within the purview of the Council's Bylaws.
- Upon appointment of the officially designated representatives by the governing board or executive head of agencies, corporations and associations and neighborhood groups with respect to USER and PUBLIC representation, and by the respect to GOVERNMENT representation, the appointing authority shall file in the office of the Councilprovide the MAC with a notice of the appointment of such designated representatives setting forth their names, email addresses, and mailing address.
- (3) Representatives shall be appointed to serve for a two (2) year term or until their successor is appointed. Vacancy shall be filled by the appointed authority for a new two (2) year term commencing with the date of appointment of such successor representative. If a representative resigns prior to the completion of his or her two (2) year term, the resulting vacancy shall be filled by the appointing authority, and such successor representative will serve for the remainder of the original appointee's term. All other vacancies shall be filled by the appointing authority for a new two (2) year term commencing upon January 1st every other yearin even numbered years.

ARTICLE VI

Voting Rights of Membership

- (1) At all meetings of the Council, attendance by two (2) USER
 REPRESENTATIVES, and twoone (21) PUBLIC
 REPRESENTATIVES and one (1) GOVERNMENT
 REPRESENTATIVE, shall constitute a quorum for the conduct of business.
- (2) Each <u>USER and</u>, <u>PUBLIC and GOVERNMENT</u>

 <u>REPRESENTATIVE</u>, or their appointed alternate, shall have one (1) vote.
- (3) Voting may be conducted via email, or by members in attendance at a meeting in-person or through use of virtual collaboration tool.
- (4) These Bylaws may be amended or altered by majority vote of membership provided that notice of such proposed amendments shall have been given ten (10) days prior to a general membership meeting.

Discussion & Next Steps





Public Comment

Please state your name and address for the record, and share your remarks within a timeframe of 3 minutes



Member Comments

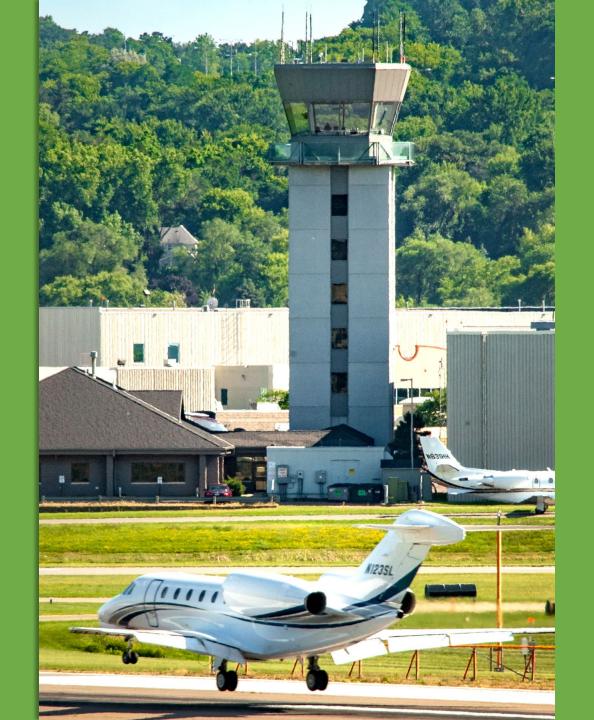




Set 2025 Meeting Dates:

Meeting are typically held on the third Tuesday (Spring & Fall) at 3 p.m.

*Special meetings may be called as necessary



2025 **Meeting Date Options**



February										
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June										
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September									
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28	29	30							

October								
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			15					
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			29					

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	10						
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December						
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14	15	16	17	18	19	20
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28	29	30	31			

SAINT PAUL DOWNTOWN AIRPORT ADVISORY COUNCIL

Adjourn



Thank you for Attending!