



NOISE OVERSIGHT COMMITTEE

November 10, 2021

Audio recordings are made of this meeting

Agenda

1. Consent

1.1 – Approval of July 21, 2021 Meeting Minutes

1.2 – Reports

1.2.1 – Monthly Operations Reports: September and October 2021

1.2.2 – Review of Fall Listening Session

1.2.3 – Review of Residential Noise Mitigation Program Implementation Status

2. Public Comment Period

3. Business

3.1 – Review and Approval of the 2021 NOC Accomplishments, 2022 NOC Work Plan, 2022 NOC Meeting Dates

4. Information

4.1 – Update on the MSP Long Term Plan and Associated Stakeholder Engagement

4.2 – Update on Eagan Request to FAA

4.3 – Meet the Fleet

5. Announcements

Adjourn



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021**

MSP OPERATIONS

September 2021

26,770

Operations

1,301

Nighttime Operations
(10:30 PM – 6:00 AM)

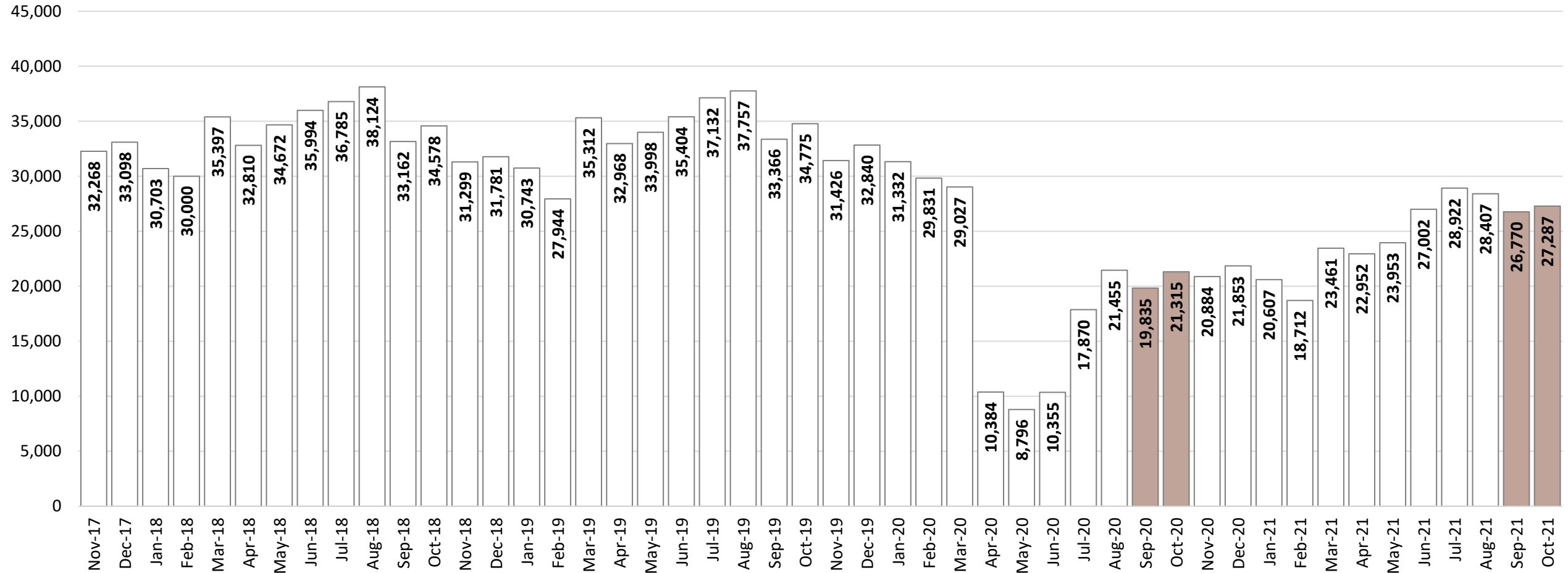
October 2021 (preliminary)

27,275

Operations

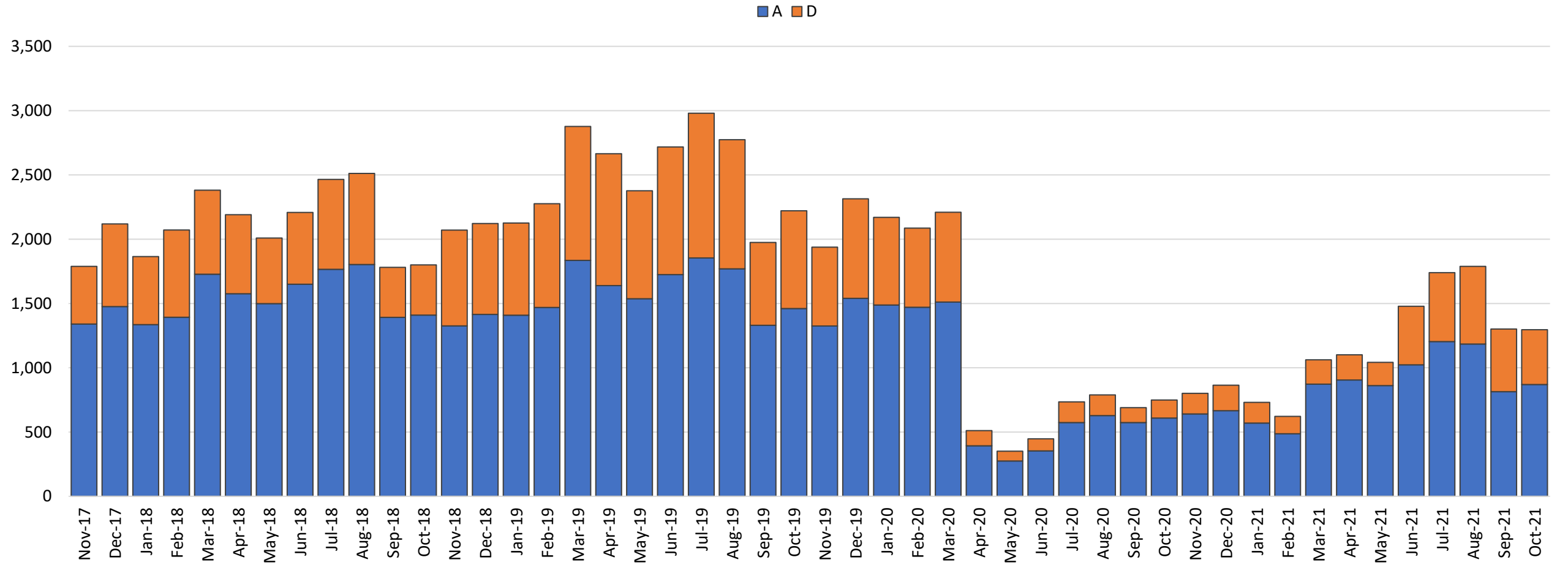
1,296

Nighttime Operations
(10:30 PM – 6:00 AM)



MSP OPERATIONS

September 2021		October 2021 (preliminary)	
26,770	1,301	27,275	1,296
Operations	Nighttime Operations (10:30 PM – 6:00 AM)	Operations	Nighttime Operations (10:30 PM – 6:00 AM)



RUNWAY USE

SEPT 2021

NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
45%	47%	0%

OCT 2021 (preliminary)

NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
32%	55%	7%

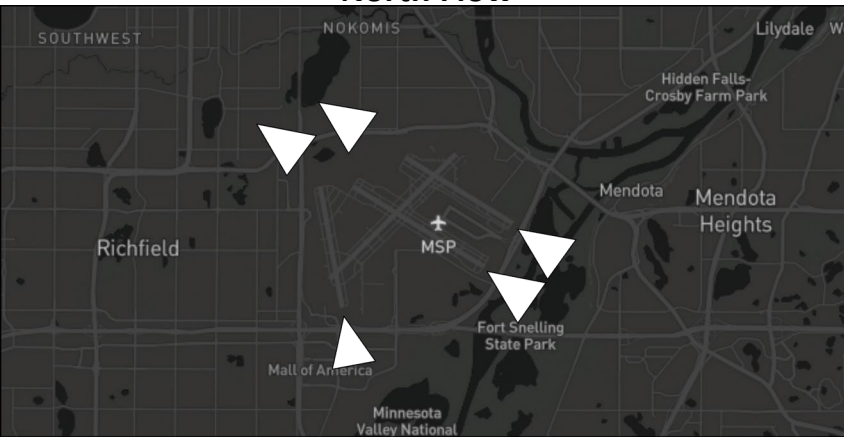
2020 JAN – OCT

NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
43%	44%	5%

2021 JAN – OCT (preliminary)

NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
38%	47%	7%

North Flow



South Flow



Mixed Flow



SEPT – OCT RUNWAY USE

(preliminary)

54,045

OPERATIONS IN SEPT – OCT

PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
45%	7%	0%	49%

26,999

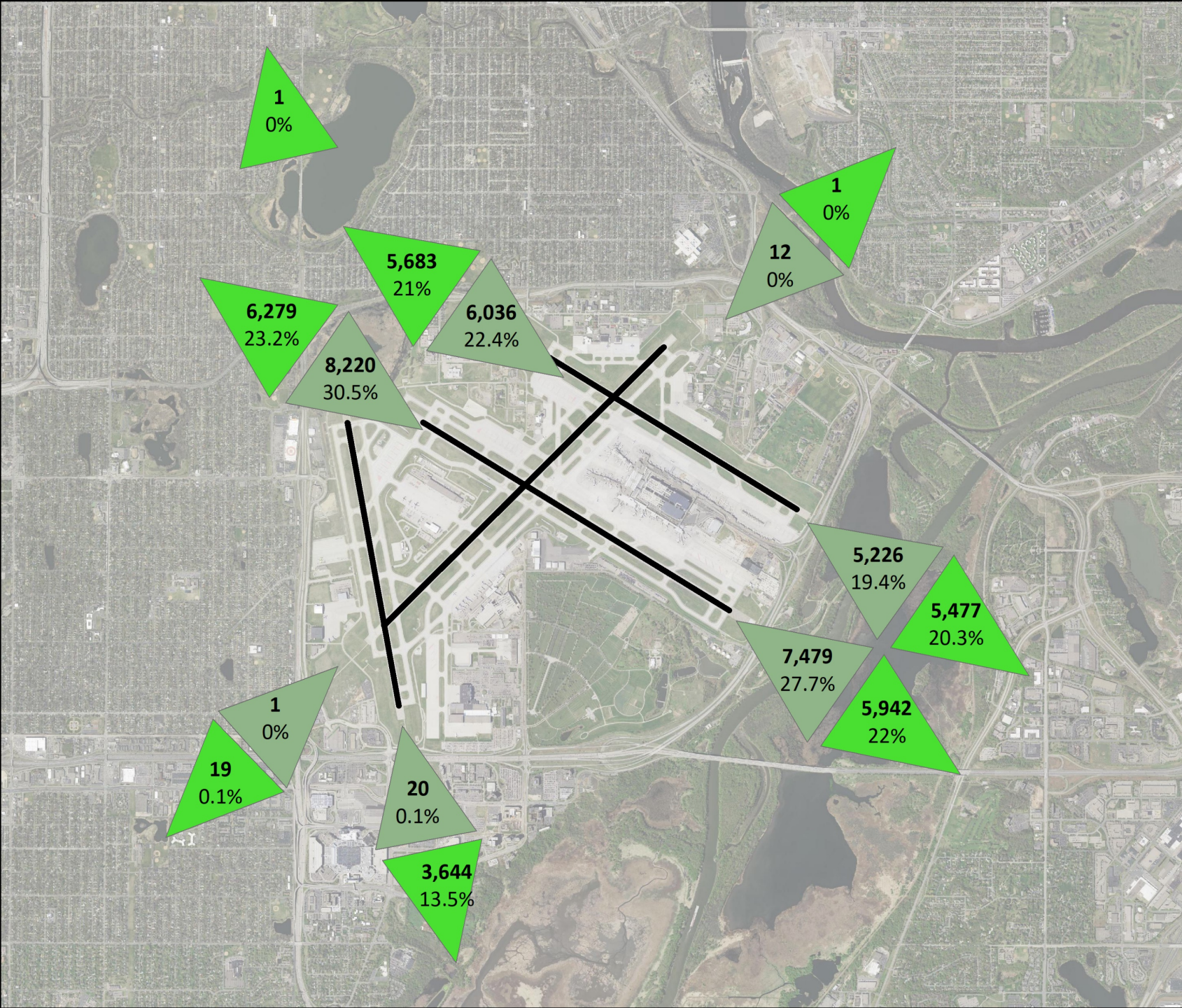
ARRIVALS

PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
47%	0%	0%	53%

27,046

DEPARTURES

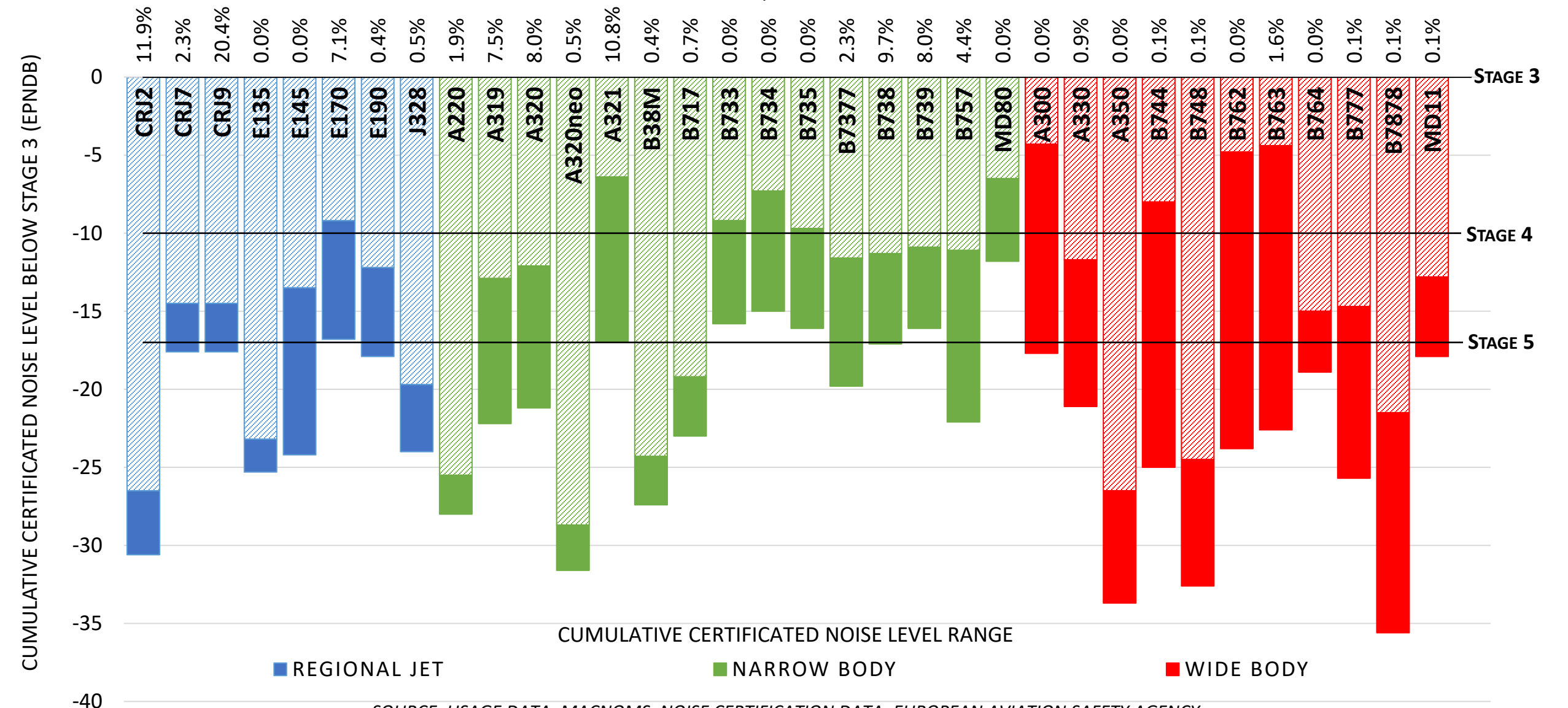
PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
42%	13%	0%	44%



MSP OPERATIONS

2021 MSP CARRIER JET USAGE WITH CUMULATIVE CERTIFICATED NOISE LEVELS

Sep - Oct



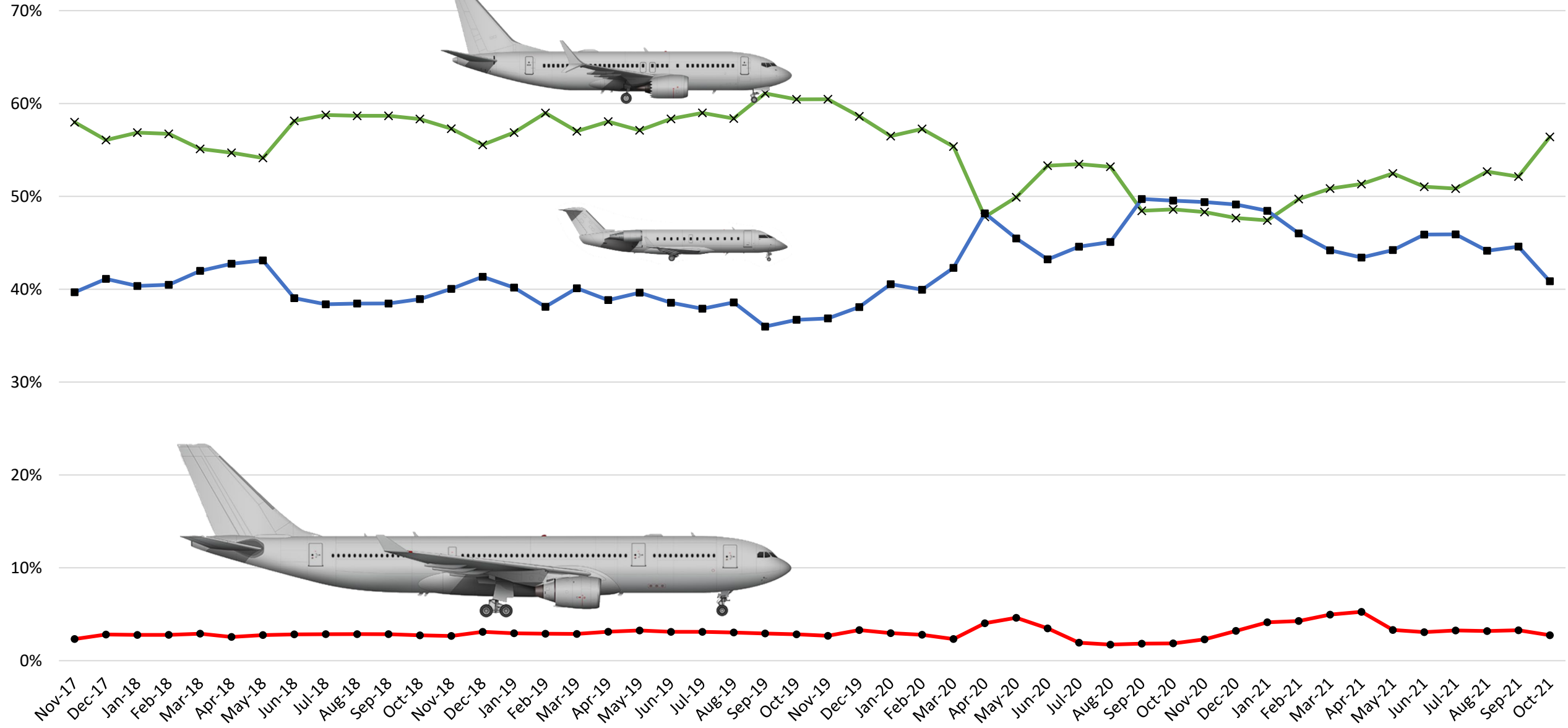
SOURCE: USAGE DATA: MACNOMS; NOISE CERTIFICATION DATA: EUROPEAN AVIATION SAFETY AGENCY

CUMULATIVE CERTIFICATED NOISE LEVELS REPRESENTED AS A RANGE TO ACCOUNT FOR MULTIPLE CERTIFICATION VARIABLES (WEIGHT, MODEL, ENGINE TYPE, AIRFRAME CONFIGURATION, ETC)

MSP OPERATIONS

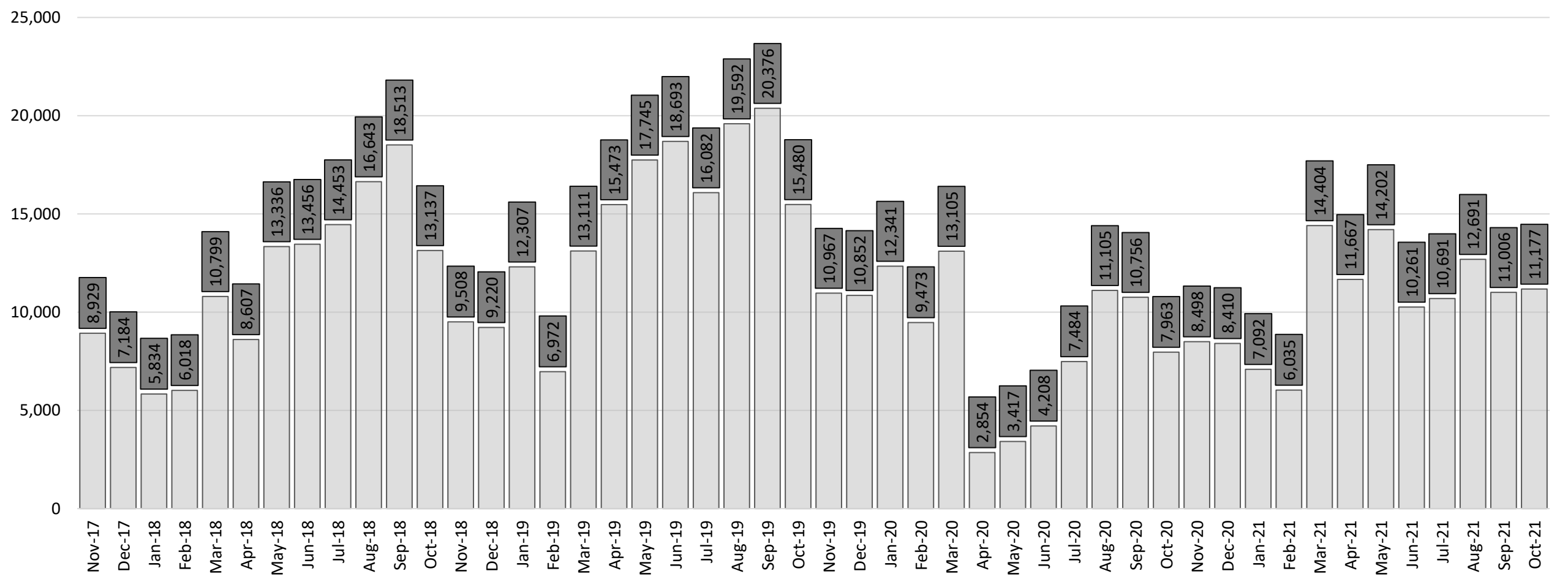
CARRIER JET FLEET MIX

—x— NARROWBODY —■— RJ —●— WIDEBODY



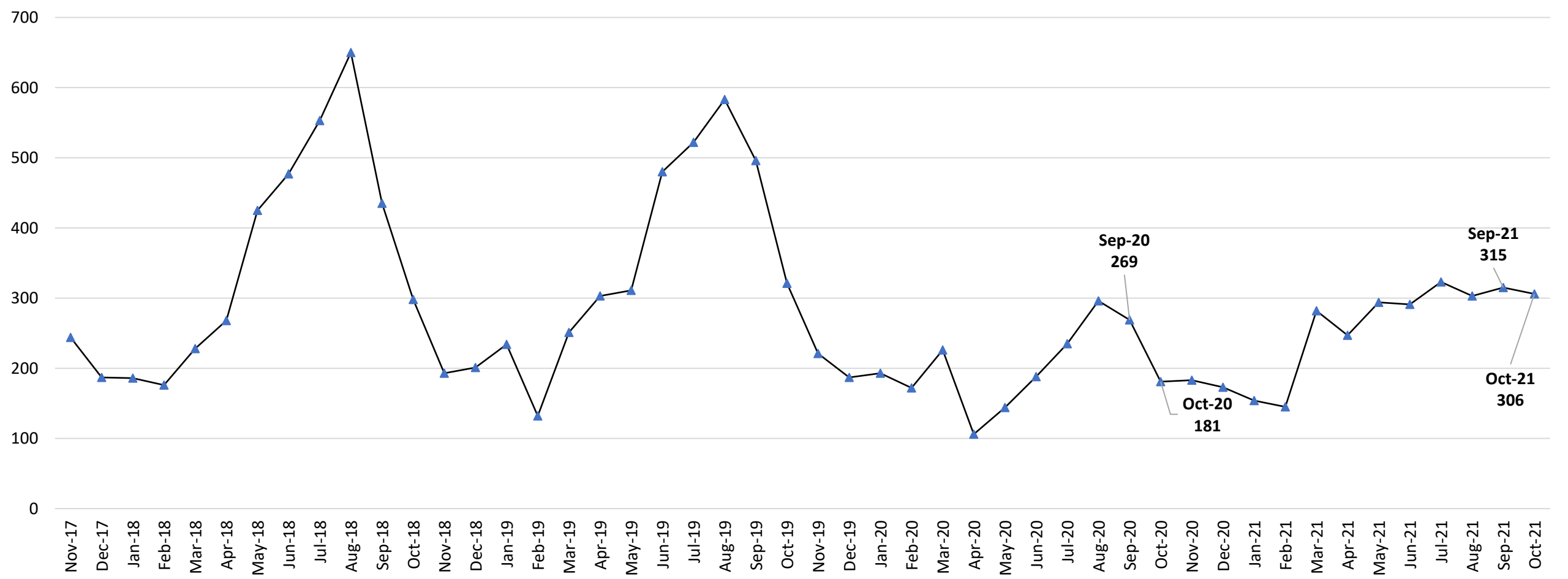
MSP COMPLAINTS

September 2021				October 2021			
COMPLAINTS		LOCATIONS		COMPLAINTS		LOCATIONS	
11,006		315		11,177		306	
Ops per Complaint	New Locations	Average	Median	Ops per Complaint	New Locations	Average	Median
2.4	25	35	3	2.4	24	37	4



MSP COMPLAINTS

September 2021				October 2021			
COMPLAINTS		LOCATIONS		COMPLAINTS		LOCATIONS	
11,006		315		11,177		306	
Ops per Complaint	New Locations	Average	Median	Ops per Complaint	New Locations	Average	Median
2.4	25	35	3	2.4	24	37	4





TOP 10 LOCATIONS

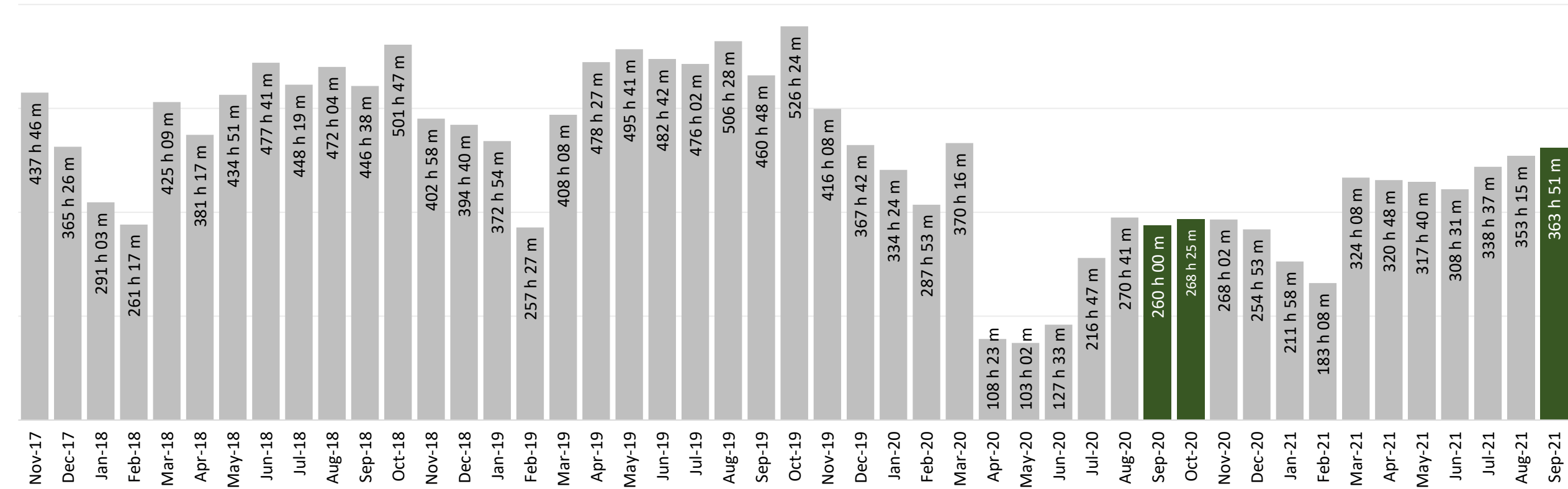
FILED
12,745
(57%)
COMPLAINTS DURING SEPT & OCT

8 OF 10
LOCATIONS WERE IN THE TOP 10
FOR JULY – AUG DATA

311
(70%)
LOCATIONS FILED 10 OR LESS
COMPLAINTS

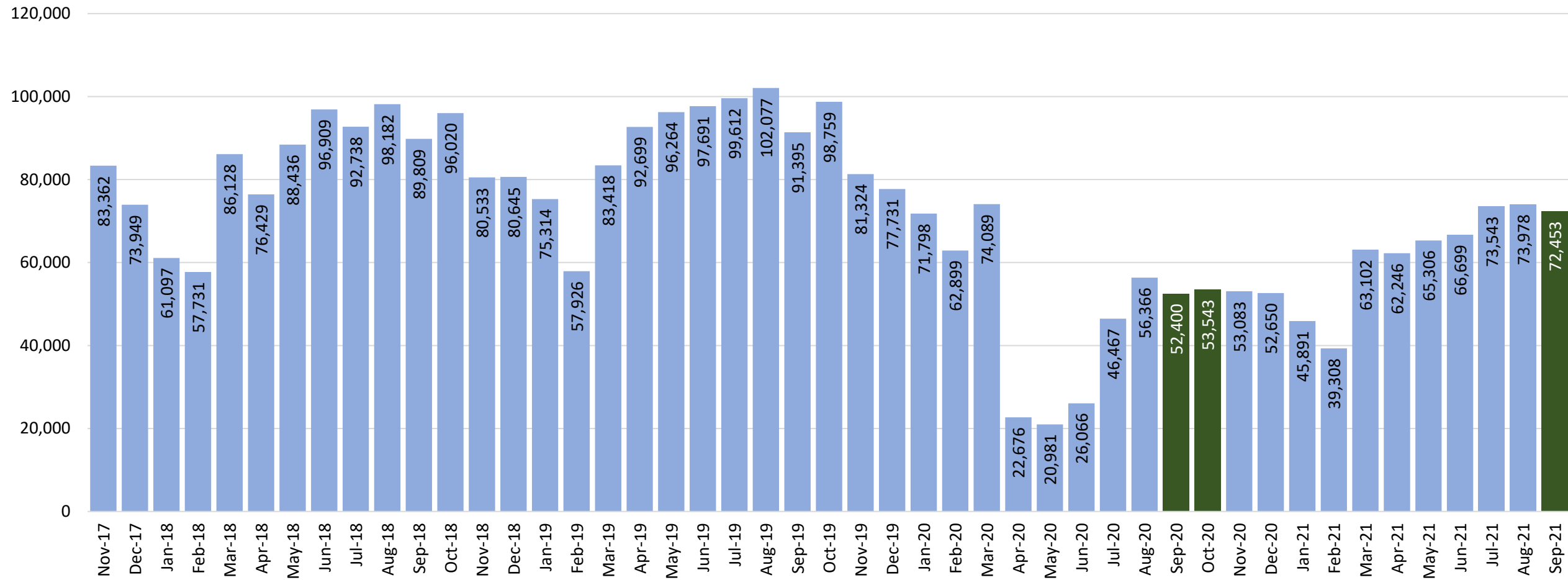
SOUND MONITORING

September 2021		
Time Above	49 TA ⁶⁵ Per Operation	363 h 51 m TA ⁶⁵
Count Above	2.71 N ⁶⁵ Per Operation	72,453 N ⁶⁵



SOUND MONITORING

September 2021		
Time Above	49 TA ⁶⁵ Per Operation	363 h 51 m TA ⁶⁵
Count Above	2.71 N ⁶⁵ Per Operation	72,453 N ⁶⁵



NOISE ABATEMENT

September 2021

October 2021 (preliminary)

Runway 17 **99.8%**

Runway 17 **99.6%**

Corridor **96.4%**

Corridor **94.1%**

Cross Day **17.8%**

Cross Day **20.1%**

Cross Night **46.1%**

Cross Night **35.2%**

RUS

50.5%

Arrive – **49%**

Depart – **52%**

RUS

52.4%

Arrive – **45%**

Depart – **60%**

Fall Listening Session

- October 27, 2021, 6pm
- Virtual Session via Teams
- Meeting Attendees
 - One resident from Mendota Heights
 - FAA staff
 - NOC representatives Jeff Hart, Cheryl Jacobson, Linea Palmisano, Loren Olsen, Jeff Klinger, and Kevin Gallatin
 - MAC staff



ITEM 2

PUBLIC COMMENT PERIOD



NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021

ITEM 2

PUBLIC COMMENT PERIOD

Speaking at a Meeting

- Each speaker will have one opportunity to speak and is allotted three (3) minutes.
- When called upon to speak, speak clearly, state your name and address. If you are affiliated with any organization, please state your affiliation.
- Commenters shall address their comments to the NOC and not to the audience.
- Use of profanity, personal attacks, or threats of violence will not be tolerated.



NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021

3.1 – REVIEW AND APPROVAL OF THE 2021 NOC ACCOMPLISHMENTS, 2022 NOC WORK PLAN, 2022 NOC MEETING DATES



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021**

2021 NOC Accomplishments

1. Received ongoing review of MSP monthly operations reports which include aircraft noise complaints, operations, runway use, noise events, and compliance with noise abatement procedures.
2. Evaluated citizen input received during quarterly Listening Sessions as possible discussion topics at future NOC meetings. Ideas collected during Listening Sessions were documented from citizens who expressed what they would like the NOC to consider specifically for its 2022 Work Plan.
3. Completed a [Fleet Mix and Nighttime Operations Assessment](#) which, in addition to evaluating fleet mix and nighttime operations, included certificated noise levels for aircraft operating at MSP and aircraft altitude trends.
4. Completed the [2020 MSP Complaint Data Assessment](#).
5. Pursuant to the Second Amendment to the Consent Decree, reviewed the [MSP 2020 Annual Noise Contour Report](#) published February 2021. The report noted that based on the 244,877 total operations at MSP in 2020, the actual 60 dB DNL contour is 58% smaller than the 2007 forecast contour, and the 65 dB DNL contour is 66% smaller.
6. Received updates from Delta Air Lines, Sun Country Airlines and the MAC's Director of Air Service Development about airline schedules and impact to airport operations resulting from the COVID-19 pandemic.
7. Received a briefing from FAA on their Neighborhood Environmental Survey, prepared and submitted a comment letter on the Federal Docket which was subsequently endorsed by the MAC Commission.
8. Received updates on airfield construction activity.
9. Received a briefing from FAA on Converging Runway Operations (CRO).

2021 NOC Accomplishments

10. Received updates on on-going outreach activities including the [Meet the Fleet](#) series.
11. Reviewed aviation-related research initiatives from FAA Center of Excellence/ASCENT, TRB, and other researchers.
12. Heard from the MAC Executive Director and CEO, Brian Ryks on updates on the organization, recent accolades, trends in passengers and operations, and future development at MSP.
13. Completed the [Minnetonka Mobile Sound Study Report](#).
14. Reviewed status of the MSP Residential Noise Mitigation Program Implementation.
15. Supported continuation of the MSP noise mitigation program in a manner consistent with the provisions of the Consent Decree and requested MAC staff explore continuing the program with the parties to the Consent Decree.
16. Passed a resolution honoring Pam Dmytrenko for her service to the MSP Airport noise community.
17. Received an update on the MSP Long Term Plan and associated Stakeholder Engagement Program.

Draft NOC 2022 Work Plan

1. RESIDENTIAL NOISE MITIGATION PROGRAM

- a. Review Residential Noise Mitigation Program Implementation Status

2. MSP COMMUNITY RELATIONS SPECIFIC EFFORTS

- a. 2021 Actual Noise Contour Report
- b. MSP Fleet Mix and Nighttime Operations Assessment
- c. MSP Annual Aircraft Noise Complaint Data Assessment
- d. Status of FAA Center of Excellence/ASCENT, TRB, and FICAN Research Initiatives
- e. Update on Converging Runway Operations at MSP

- f. Update on the MSP Long Term Plan Update and Associated Stakeholder Engagement

- g. Update on FAA's Neighborhood Environmental Survey

- h. Update on Eagan Request to FAA

- i. Guest Speaker: Brian Ryks, MAC Executive Director / CEO

- j. MSP Air Service Updates

- k. VOR-MON

- l. Guest Speaker: 109th Airlift Squadron, Minnesota Air National Guard

3. CONTINUE REVIEW OF PUBLIC INPUT

2022 Meeting Dates

- January 19, 2022 at 1:30 PM
- March 16, 2022 at 1:30 PM
- May 18, 2022 at 1:30 PM
- July 20, 2022 at 1:30 PM
- September 21, 2022 at 1:30 PM
- November 16, 2022, TBD



Action Requested

APPROVE AND RECOMMEND TO THE MAC PLANNING, DEVELOPMENT AND ENVIRONMENT COMMITTEE APPROVAL OF THE 2021 MSP NOC ACCOMPLISHMENTS, 2022 MSP NOC WORK PLAN AND 2022 NOC MEETING DATES



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021**

4.1 – UPDATE ON THE MSP LONG TERM PLAN AND ASSOCIATED STAKEHOLDER ENGAGEMENT



**NOISE OVERSIGHT COMMITTEE
NOVEMBER 10, 2021**

MSP 2040 LTP - Schedule

MSP Airport Long-Term Plan Timeline + Stakeholder Engagement



Updated November 2021
Schedule subject to changes

● Stakeholder Advisory Panel Meeting
★ Public Event

MSP 2040 LTP - Update

- Ricondo has updated forecasts to capture 2020 data as well as a recovery period from pandemic affects; currently under MAC review
- Currently scoping remaining tasks (facility requirements, alternatives, etc.) with consultants
- Engaged working groups in late October
- Will re-engage SAP in the near future





Questions

MetroAirports.org MSPAirport.com



@mspairport

4.2 – UPDATE ON EAGAN REQUEST TO FAA



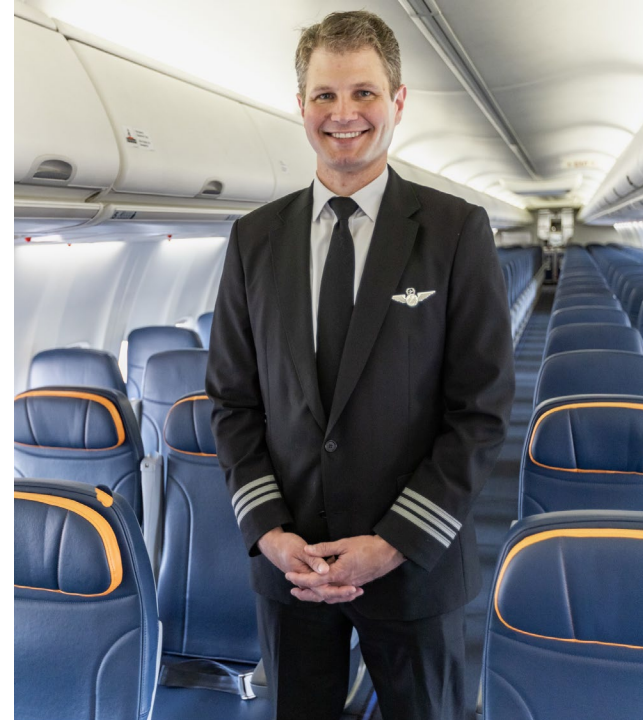
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4.3 – MEET THE FLEET



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NOVEMBER 10, 2021

Meet the Fleet



Boeing 737-800
Sun Country Airlines



Meet the Fleet – Boeing 737-800

Working together with Minnesota communities, aircraft operators and the FAA to reduce the impact of aircraft noise.

Ask us a question
Example: Why do the aircraft fly so low?

TOOLS & REPORTS FOR OUR NEIGHBORS NOISE MITIGATION PROGRAM FOR PILOTS OTHER MAC AIRPORTS AIRCRAFT NOISE BASICS

File a Noise Complaint FlightTracker Do I Qualify for Home Noise Mitigation?

Meet the Fleet

To continue to provide our communities with an insight into aviation, MAC staff have begun an exciting video series called Meet the Fleet. This series gives viewers behind-the-scenes information about different aircraft types. The videos feature commentary from pilots sharing interesting facts about specific aircraft, identifying characteristics, common routes flown and up-close footage of the fleet.

MEET the FLEET
B737

Watch on YouTube

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

Shuttle provided free to MSP employees

Cheap Parking at MSP Airport's Terminal 1

Special Needs Van at MSP Airport

EParkRite - How to

Uploads

Meet the Fleet - B737

An Inside Look at The Aurora at MSP Airport

Meet the Fleet - A220

Bike Response Team at the Minneapolis-St. Paul...

Meet the Fleet - CRJ900

Creating The Aurora

ITEM 5

ANNOUNCEMENTS

November NOC Meeting

Wednesday, January 19, 2022 @ 1:30 PM



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