



NOC Fall Listening Session

Metropolitan Airports Commission

October 25, 2017

MEETING AGENDA

7:00 Welcome

7:00 Introductions

What is your name? Where do you live?

What would you like to get out of this meeting?

7:15 NOC Update

7:25 2018 NOC Work Plan Ideas

8:00 Closing Feedback

What did you like / dislike about the meeting format?





NOC UPDATE



Community Representatives

- Minneapolis
- Richfield
- Bloomington
- Eagan
- Mendota Heights
- At-Large Representative
 - Apple Valley, Burnsville, Edina, Inver Grove Heights, St. Paul, St. Louis Park and Sunfish Lake

Industry Representatives

- Scheduled Airlines
- Cargo Carrier
- Charter Operator
- Chief Pilot
- Minnesota Business Aviation Association
- At-Large Representative

- NOC brings policy recommendations regarding aircraft noise issues to the MAC Board
- NOC viewed as an industry model in reaching collaborative solutions to aircraft noise impacts

NOC UPDATE

Identify, study and analyze airport noise issues

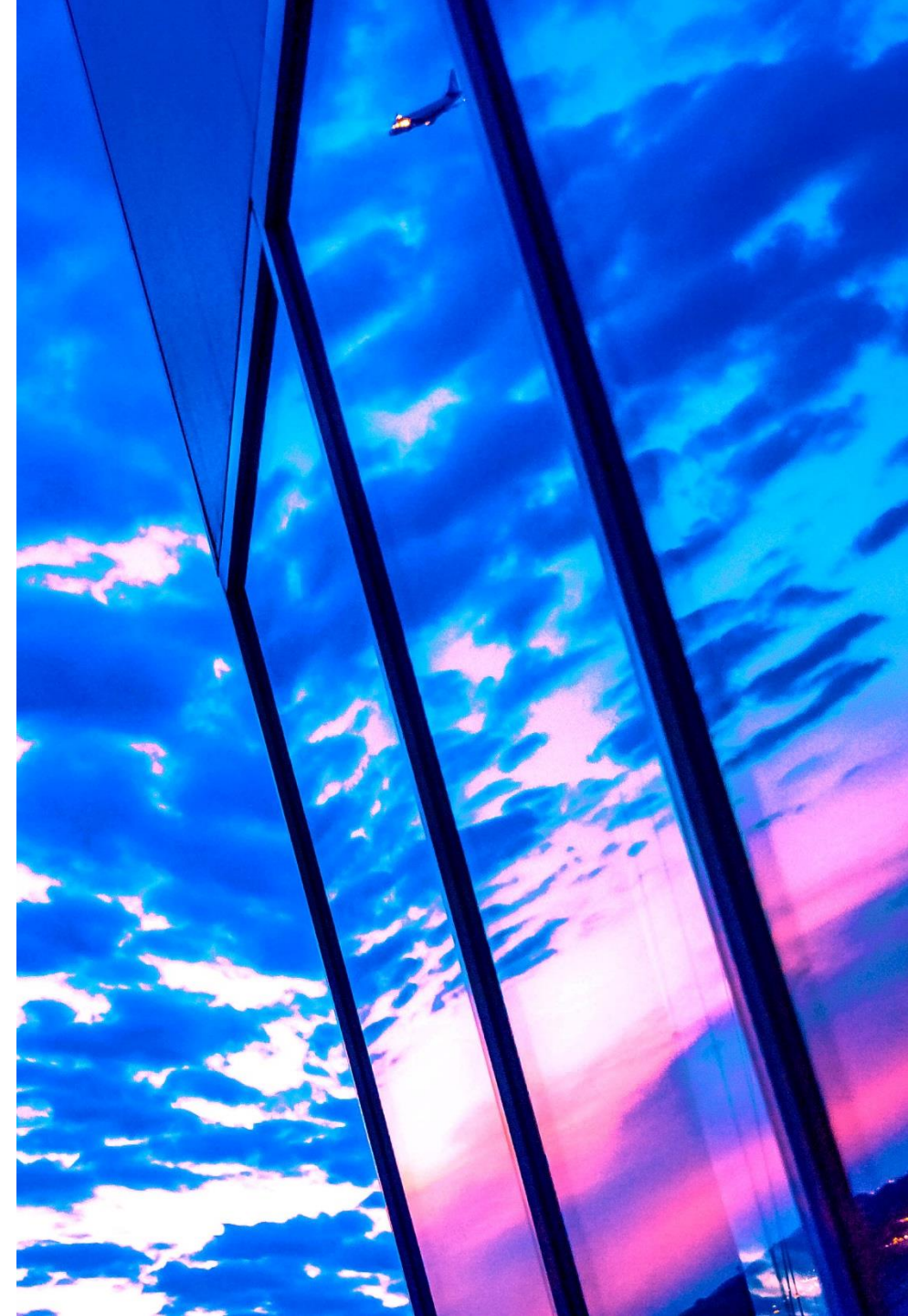
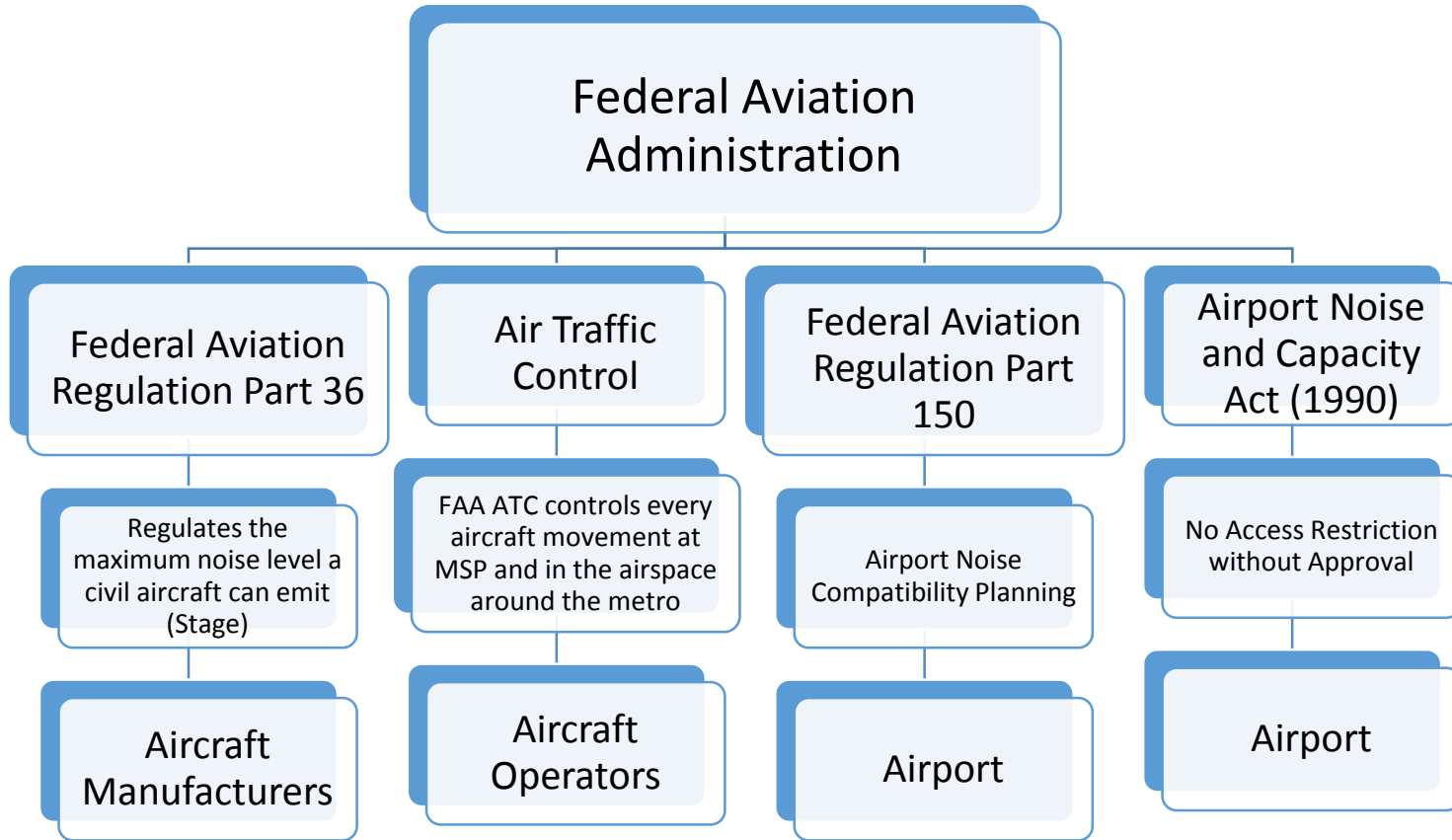
Provide policy recommendations or options regarding airport noise issues to the MAC PD&E Committee and full Commission regarding airport noise issues

Monitor compliance with established noise policy at MSP

Ensure the collection of information and dissemination to the public



NOISE REGULATION



NOC UPDATE



2017 Work Plan Items

- 2016 Actual Noise Contour Report and Consent Decree Amendment Noise Mitigation Program Eligibility
- Area Navigation (RNAV) Standard Terminal Arrival Routes (STARs) Adjustments Update
- Investigate Noise-Reducing Landscaping Options
- Quantify Noise Reduction Benefits of Vortex Generators on Airbus Aircraft Arrivals at MSP
- Evaluate Distant Noise Abatement Departure Profile (NADP) Use at MSP
- Update on the FAA's Survey to Re-Evaluate Noise Measurement Methods
- Develop a New, or Append to an Existing Monthly Report, Evaluation of the Eagan-Mendota Heights Corridor Turboprop Activity
- Evaluate Steeper Glide Slopes for Aircraft Arrivals
- Noise Program Communication Enhancement Plan Implementation
- Improve MAC Noise and Operations Monitoring System (MACNOMS) for a Better User Experience
- MSP Fleet Mix and Nighttime Operations Assessment
- FAA Center of Excellence/ASCENT, TRB, and FICAN Research Initiatives
- Consider/Evaluate a Fly Quiet Award Program to Reward MSP Aircraft Operators who Actively Participate in Noise Reduction Efforts
- Update on Converging Runway Operations at MSP
- Runway 17 Departure Evaluation to Study the Benefits and Drawbacks of Increased Usage
- Evaluate and Enhance the Reporting of the Runway Use System (RUS)



NOC UPDATE

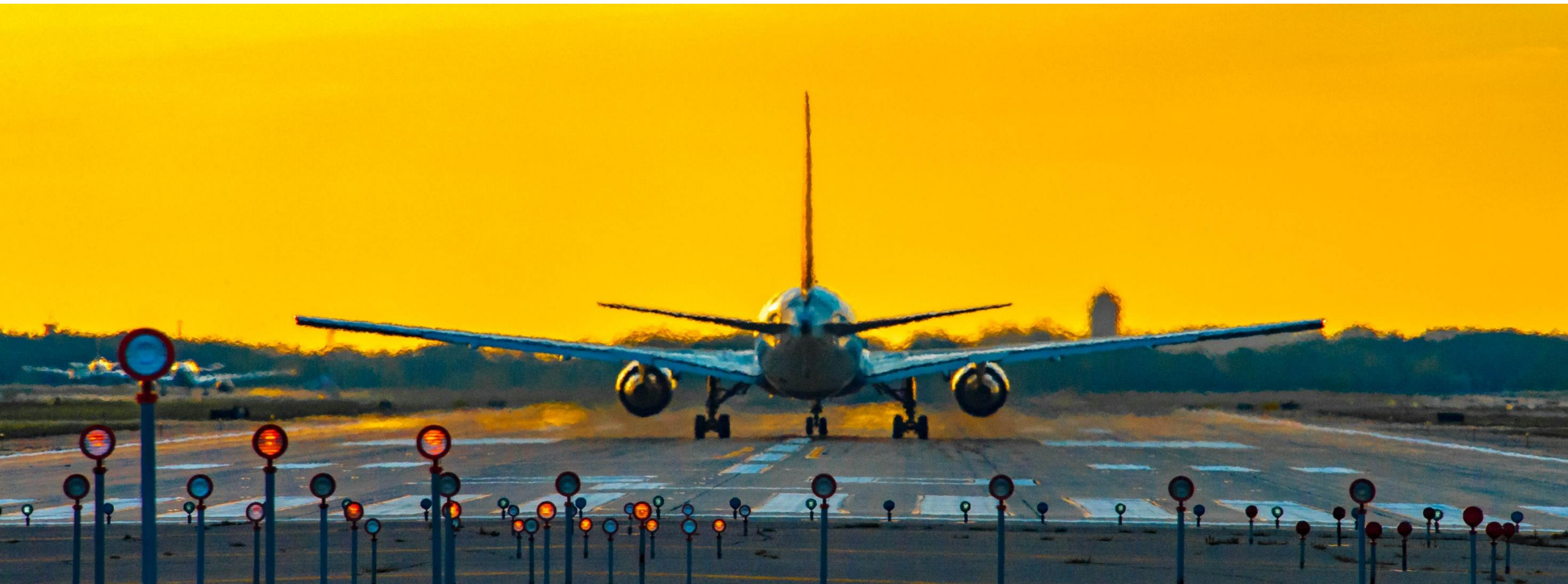


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2018 NOC WORK PLAN IDEAS



WHAT DID YOU LIKE OR DISLIKE ABOUT THIS MEETING FORMAT?

Great format - it would
be nice to have an engineer
who designs airplane engines
in the room as well as
the FNA people who run
late noise.





2018 NOC WORK PLAN IDEAS

- Engine Manufacturer Speaker
- FAA Regulation speaker
- How can you reduce noise for individuals for those that are not in a noise mitigation zone
- Stop calling noise level impacts, call them measurements. Model frequency and convert in into a noise measurement. Establish limits to the frequency
- Modify departures headings from 30L to distribute flights, specifically Cornelia School Area
- Disperse arrivals and evaluate altitudes
- Explore possibility of grant that would reduce the noise from the aircraft (Elon Musk)
- Can the FAA accelerate the retirement of older aircraft?
- Identify a town with international airport that does a good job with noise mitigation and use best practices here
- What can we do to ensure the highway in the sky (RNAV SID) does not happen at MSP?



2018 NOC WORK PLAN IDEAS

- Health and noise expert that can talk to people about the effect on health and stress
 - Measure and quantify that in the MSP area
- Effect of aircraft activity on pollution and how can it be mitigated
- Do bigger planes make more noise, if so can they be routed differently or could they be dispersed?
- Departure analysis similar to the one completed in 2012
 - Comparison to the 2012 study by aircraft type, noise, altitude, frequency (heading 360°)
 - Are flights dispersed across the cities
 - Consider this as an annual report
- What are the best practices for noise mitigation at other international airports
- Consider moving the airport
- What is the future growth of the airport?



2018 NOC WORK PLAN IDEAS

- Measureable goals
 - Instead of overseeing noise, goals for reducing noise for all, not just for certain people. Set measurement goals
- NOC advocate to have 55 dB
- Attendees no longer need their representative sponsor their comments
- Evaluate the freight traffic, consider adjusting time of day or moving to another facility, impose fee for nighttime
- Aircraft adhere to steeper departures or landings
- Suggestion for criteria used to organize these ideas:
 - High impact / low impact
 - Easy to implement / difficult to implement