

MSP Airport Long Term Plan Stakeholder Advisory Panel



Meeting #1
June 10, 2019

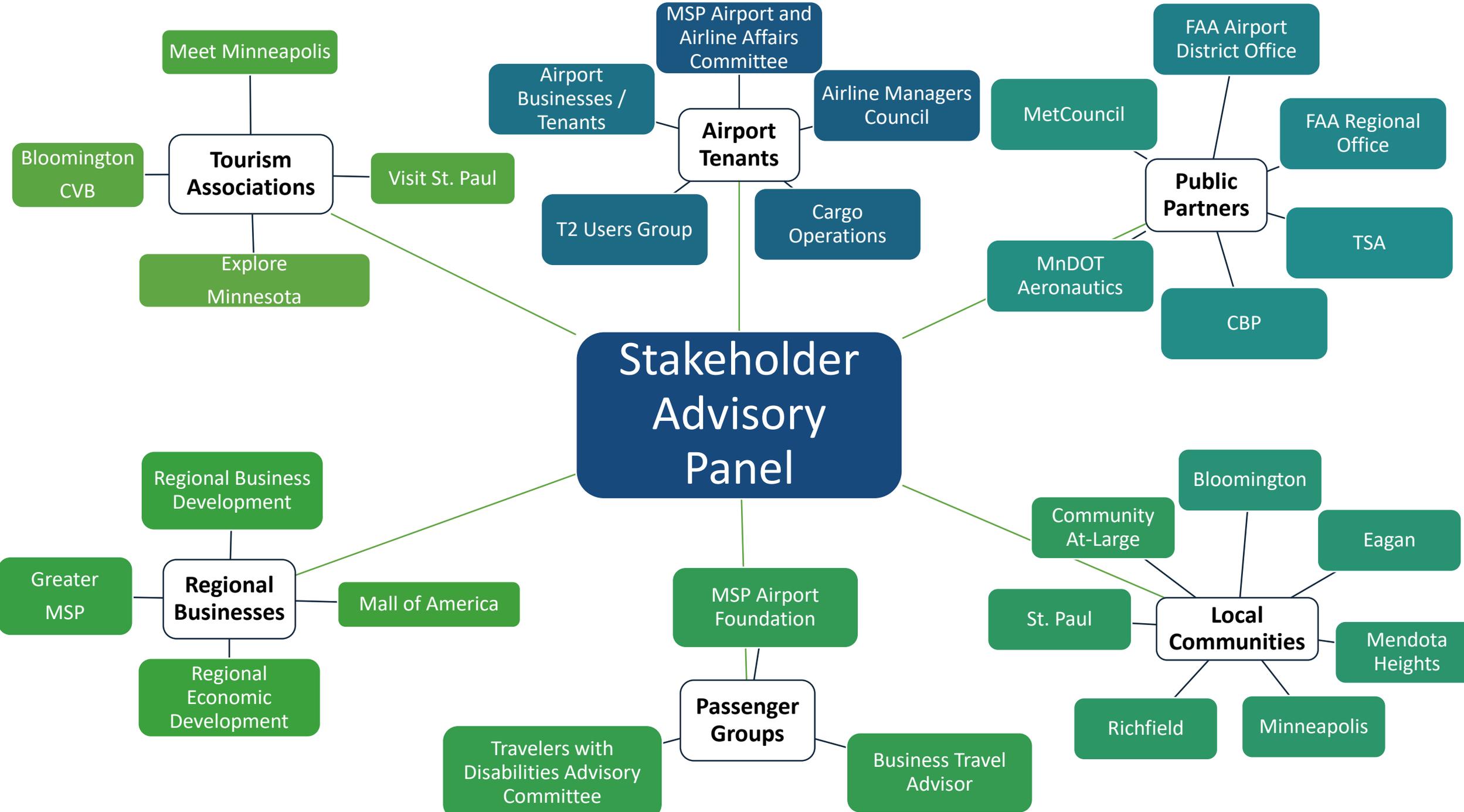
Meeting Overview

- Panel Introductions
- Key Staff Introductions
- Stakeholder Engagement Program
- MSP Airport Long-Term Plan Introduction
- Panel Discussion
- Public Comment



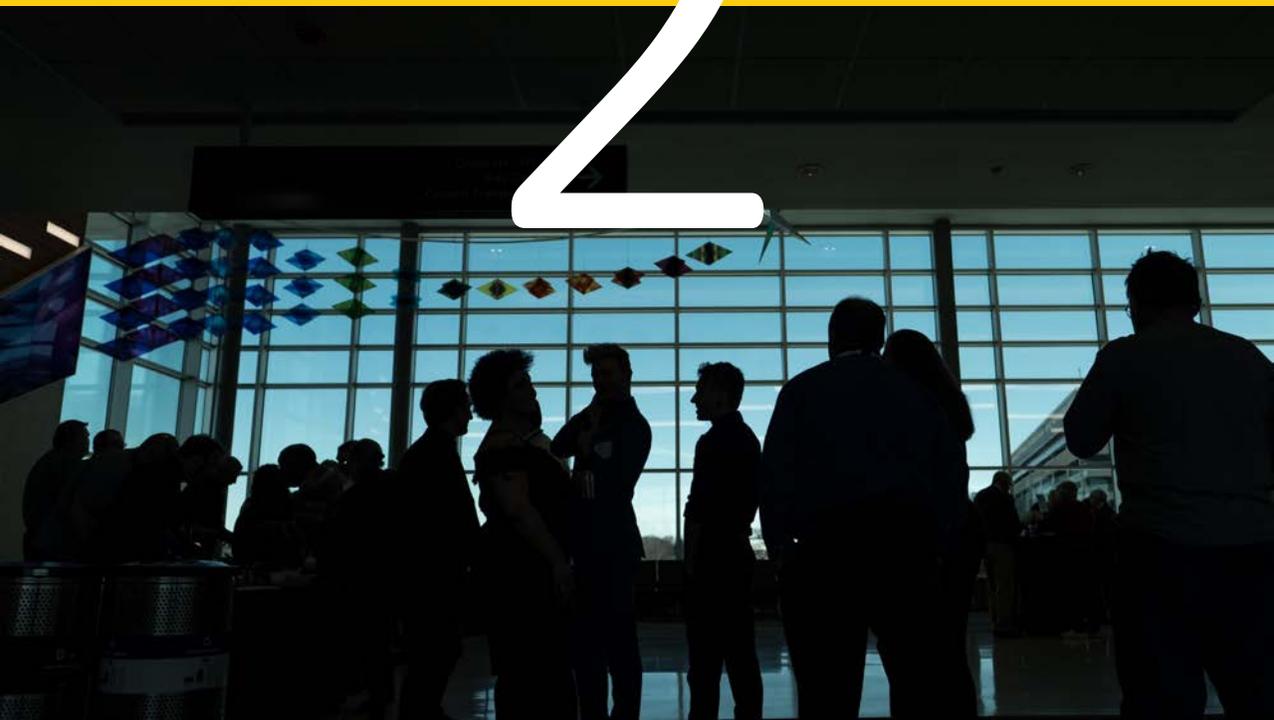


Panel Introductions



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Key Staff Introductions





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Stakeholder Engagement Program

Stakeholder Engagement Program Objectives



Fulfill the MAC's legislative purpose to:

- Promote air navigation and transportation in and through the State of Minnesota.
- Promote the efficient, safe and economical handling of air commerce and to assure the inclusion of the State in national and international programs of air transportation. To those ends, develop the full potentialities of the metropolitan area as an aviation center.
- Assure minimum environmental impact from air navigation and transportation, promote the overall goals of the State's environmental policies and minimize exposure to noise and safety hazards.

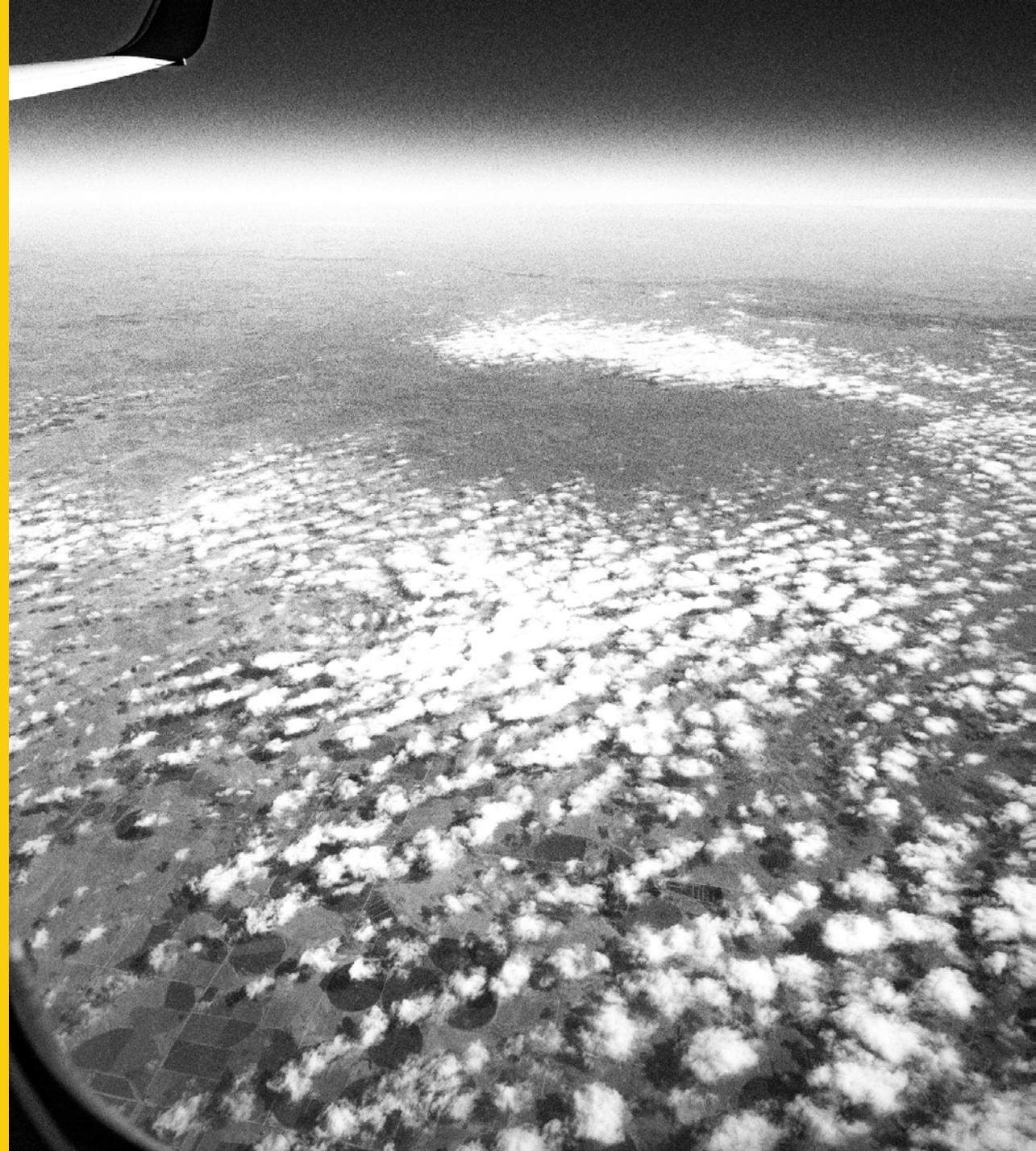
Conduct responsible and transparent planning for future airport facilities with engagement designed to build trust and establish a shared understanding of airport, traveler, and community needs

- Actively listen to stakeholder ideas and topics of interest
- Strengthen MAC's relationship with stakeholder groups
- Establish a system to reach a wide variety of stakeholders
- Communicate the services and benefits the MAC's system of airports delivers to the region

Support and document a thorough and effective public involvement process

Stakeholder Engagement Program Approach

- ✈ Stakeholder Advisory Panel
- ✈ Project Milestone Events
- ✈ Project Website
- ✈ E-News Monthly Project Updates
- ✈ Online Public Polling
- ✈ Project Newsletters
- ✈ Print Notifications for Public Events
- ✈ Updates at NOC and MAC's PD&E Committee
- ✈ Additional Public Presentations Upon Request



Stakeholder Engagement Program Approach

✈ Stakeholder Advisory Panel

- An advisory board representing major stakeholder groups that have an interest in the planning process.
- The Panel serves several important functions, including:
 - Representing a broad range of stakeholder groups;
 - Receiving information about the planning process; and
 - Communicating public concerns and aspirations as the voice of key stakeholders.



Project Website

- ✈ Overview
- ✈ Community and Stakeholder Engagement
- ✈ Progress and Schedule
- ✈ Documents and Links
- ✈ Frequently Asked Questions
- ✈ Contact Us
- ✈ Sign up to receive updates about the project.

Visit: <http://mspairport.com/long-term-plan>



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MSP Airport Long-Term Plan Introduction



Long-Term Plan Overview

- The Plan is:
 - A forward-looking planning tool that studies facility and infrastructure needs based on projected 20-year passenger demand and aircraft operations.
 - It will focus on evaluating when facility improvements are needed to accommodate projected demand in a manner that is safe, efficient, orderly and cost-effective and that maintains and enhances customer service.
- The Plan does not:
 - Authorize construction or improvements to facilities, nor does it serve as a basis for determining eligibility for noise mitigation programs.
 - Rather it helps the MAC better understand and plan for future facility needs.

Long-Term Plan Goals

- ✈️ Plan for future facilities that will meet projected passenger activity levels in a manner that maintains and enhances customer service, while facilitating a seamless experience.
- ✈️ Produce a development plan that positions the MAC to
 - meet future demand levels,
 - enhance financial strength,
 - leverage environmental stewardship, and
 - infuse sustainable thinking.
- ✈️ Conduct the planning process in a manner that includes meaningful stakeholder engagement processes.



Planning Process

Baseline Existing Facilities

- Inventory and document existing facilities and aviation activity levels to establish baseline conditions

Forecasts

- Forecast MSP aviation activity levels (passengers, cargo, and aircraft operations) for the milestone years between 2020 and 2040

Facility Requirements (Gap Analysis)

- Determine any facility deficiency gaps between the baseline condition and desired future conditions based on forecasted activity levels

Development Concepts

- Develop and evaluate alternative means to remedy facility deficiencies identified through the process

Proposed Development

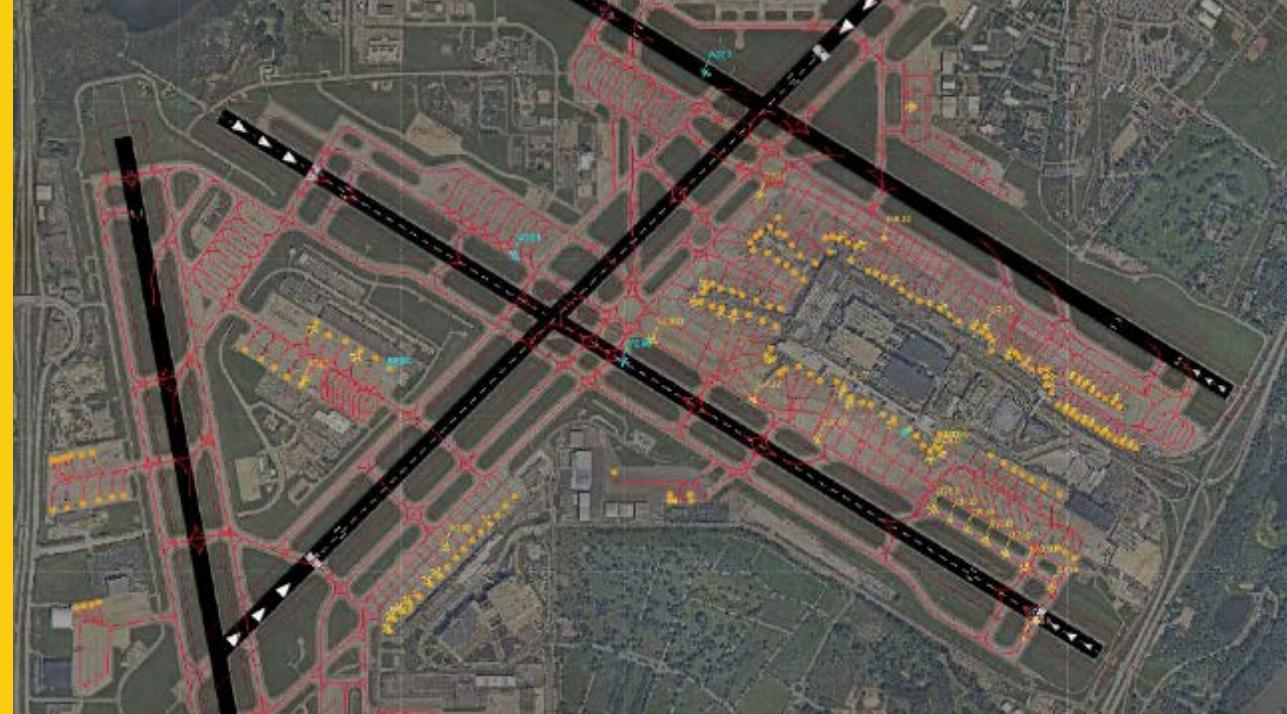
- Determine a proposed development program, funding plan, and implementation strategy to present to the community and the MAC board

Environmental Considerations

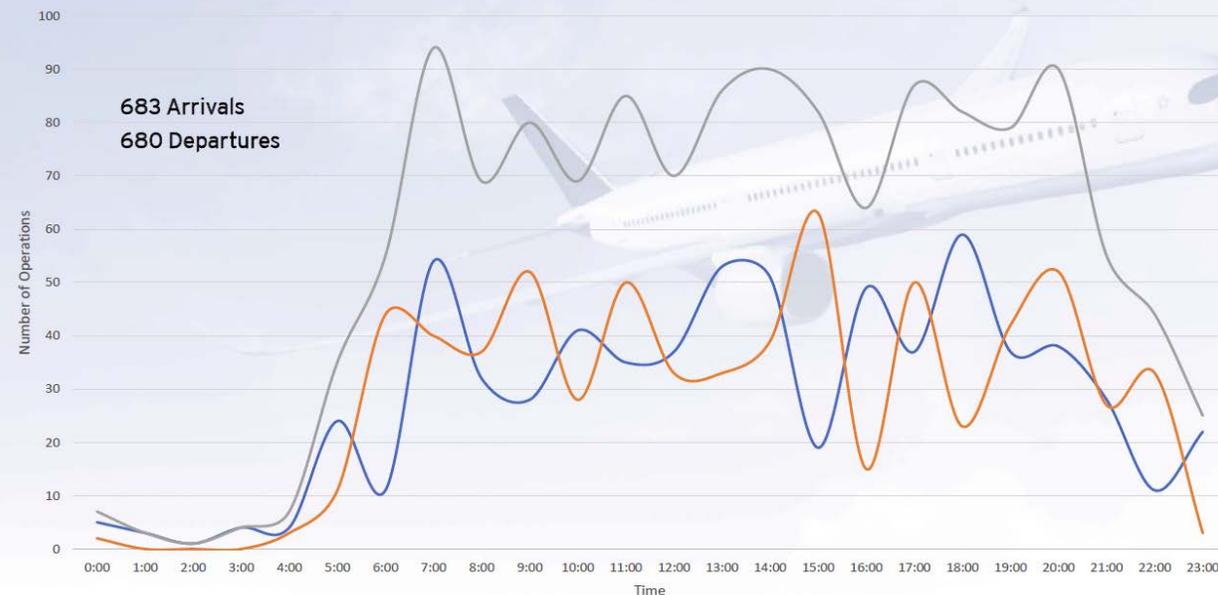
- Prepare an overview of environmental factors that should be taken into consideration when implementing the plan

Airfield Capacity Study

- ✈ Objective is to use state -of-the-art simulation tools to predict how the MSP airfield and close-in airspace will perform under forecasted activity levels.
- ✈ The Airfield Capacity Study will be completed in three phases:
 - Phase 1: Simulation model for baseline (2018) conditions
 - Phases 2/3: Simulation model for future forecast (2030 and 2040) conditions



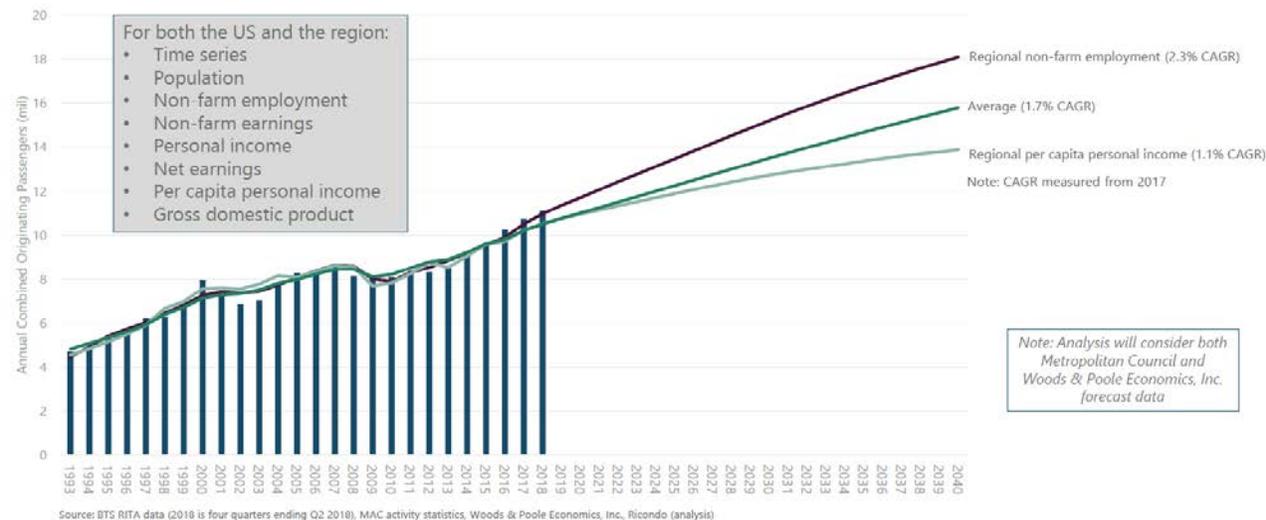
2018 Design Day Flight Schedule - Aug 7, 2018



Aviation Activity Forecasts

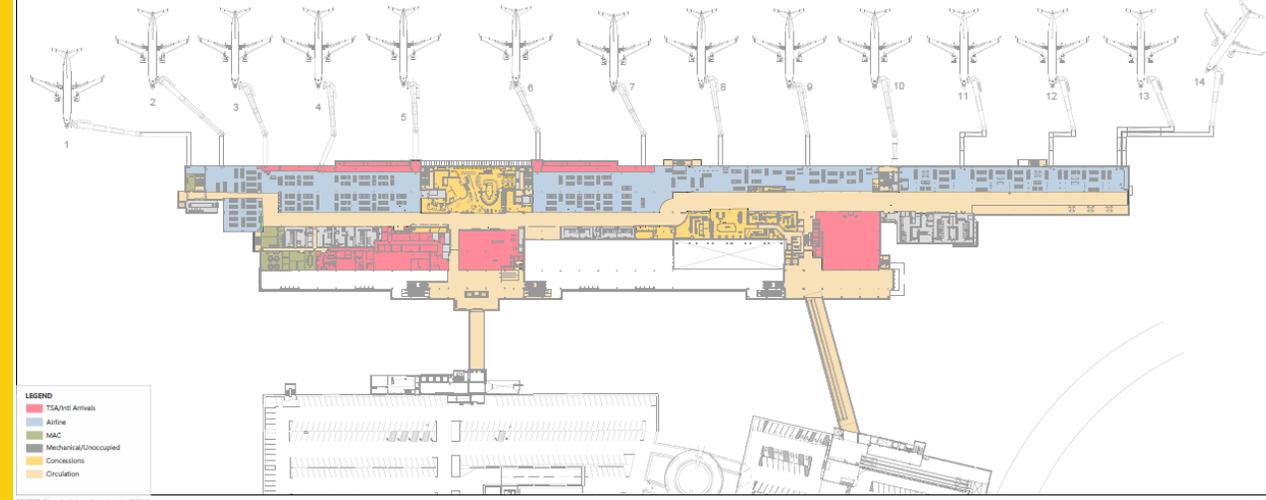
- Objective is to develop aviation activity forecasts for MSP that identify a likely range of demand levels for aviation services in a manner that will facilitate a meaningful evaluation of facility performance.
- Aviation activity forecast milestone years
 - 2020, 2025, 2030, 2035, 2040
- Forecast Elements
 - Passengers: Originations and Total Enplanements
 - Air Cargo Tonnage
 - Aircraft Operations
- Forecast Scenarios – Base Case, High, and Low
- Annual projections and Design Day Flight Schedules

Combined O&D Socioeconomic Drivers Present a Range of Growth at MSP

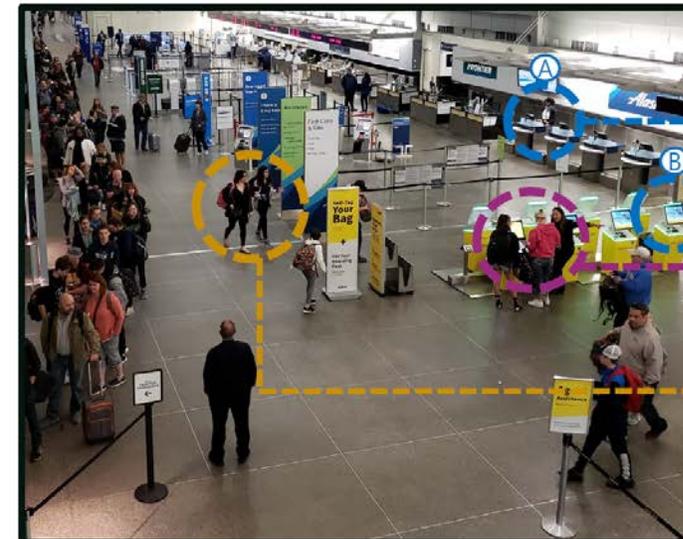


Baseline Conditions Data Collection

- ✈ Updated Terminal Floor Plans
- ✈ Survey/observations to measure passenger attributes and trends
 - Passenger intercept surveys
 - Check-in counter observations
 - Domestic bag claim observations
 - Vehicle traffic volumes
 - Curbside observations
- ✈ Planning Parameters and Level of Service Standards



Observations



Check-in Channel

Distinguishing which type of airline-provided check-in facility the passenger(s) use
Example: distinguishing between Agent (A) and Kiosk (B) as shown

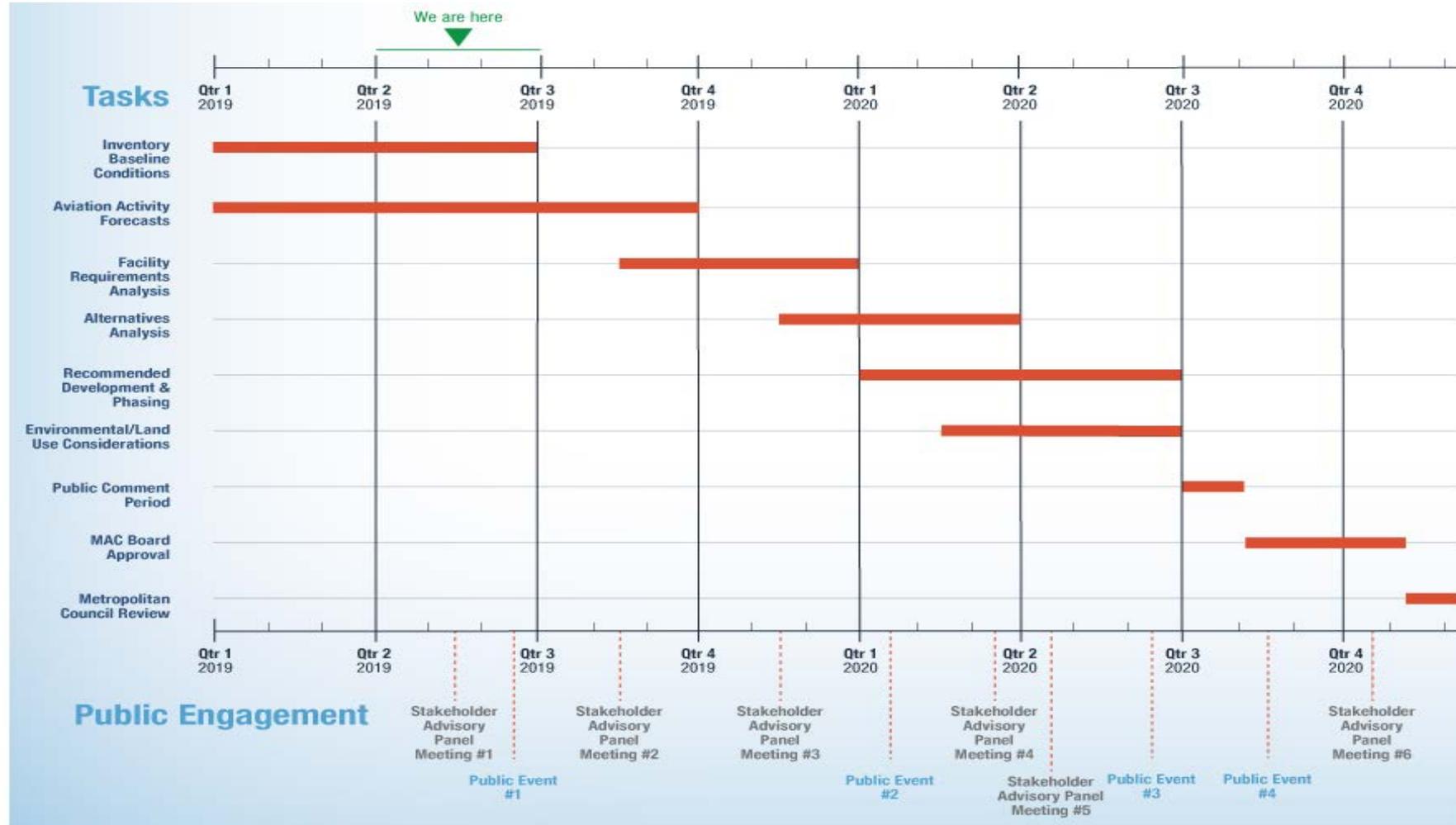
Transaction Times

Evaluating the amount of time it takes a passenger or group to complete their transaction at the specified check-in facility (kiosk/bag drop/agent)

Group Size

Example: evaluating the amount of time it takes for this group of 3 passengers to complete their transaction at the kiosk.

MSP Airport Long-Term Plan Timeline





Panel Discussion

What do you see are the key issues we should be considering in our plan as we look to the next 20 years?

Panel Discussion

- Are we running into challenges getting people in/out or to/from the airport?
- Plan should consider travelers and employees with disabilities. Can the airport offer services similar to airports in Europe? Are travelers with disabilities accounted for in disaster and emergency plans?
- How do current workforce challenges impact MSP now and into the future?
- How does the airport impact the region and how does the airport impact the individual traveler?
- Is there an opportunity for short-term hotel / lodging?
- Park-and-Fly capacity is diminishing. How will the airport account for this?
- Can the airport replicate the convenience of Park-and-Fly car to door service?
- Self-driving cars are a threat to airport revenue.
- What technology disruptors could impact this plan?
- How do aviation technology changes impact the communities? How would RNAV departure procedures change the livability of the cities?
- Curbside congestion and safety should be considered in the plan.
- What's the future of security technology?
- What can be done to balance security and CBP resources between the terminals?

Panel Discussion

- Common use facilities at T2 could be improved. Kiosks, bag printers, etc.
- Concessions at T2 can be improved, similar to T1.
- How can passenger amenities be upgraded to meet the needs of changing passenger demographics? Should health and pharmacy services be included to serve an aging population?
- Gate hold rooms will be more congested due to aircraft up gauging. FIS upgrades will be needed shortly. Could FIS be consolidated to one location?
- International service is great, how do we continue that?
- Should outstate Minnesota airports relieve MSP?
- How do cargo hub airport constraints impact MSP?
- How does future drone deliveries impact cargo operations?
- Great air service is critical to local business. Average commute time is good and we need to maintain that. Demand and projected demand for air cargo should be better understood.
- TSA technology should be able to detect medical implants.
- Are we looking at other domestic and international airports? Do airlines provide information about trends they are noticing?

Panel Discussion

- Public transit safety should be considered
- What is the experience like for people without Clear, Pre-Check, Delta Sky Club
- What does the aging demographic need to feel satisfied with MSP? What space considerations are needed for ambulatory passengers?
- Terminal navigation for non-English speakers
- Neighboring communities should work together to identify infrastructure opportunities.
- Alternative transportation to and from the airport
- Simple amenities for breast-feeding mothers. Ice on the other side of security.
- Can we identify alternate curb pickup locations?



Public Comment