Duluth Airport Master Plan
Economic Development
Technical Advisory Committee (TAC)
Meeting #1
April 9, 2020
Zoom Online Meeting Basics

Please mute your microphone to limit feedback noise when not talking.

You can chat with the participants in the meeting by clicking Chat.
Zoom Online Meeting Basics

How to raise your hand
Introductions

Tom Werner C.M.
Executive Director
Duluth Airport Authority
twerner@duluthairport.com

Kaci Nowicki
Project Manager/Sr. Aviation Planner
SEH
knowicki@sehinc.com
Introductions

• Name
• Organization
• Role
  • How economic development is part of your role or interest
Meeting Agenda

• Master Plan overview
• Airport Overview
• Economic Development TAC Goals
• Group discussion
Master Plan Overview
What is a Master Plan?

Comprehensive study of an airport that describes short-, medium-, and long-term development plans.

The goal of a Master Plan is to provide the framework needed to guide future development that will cost-effectively satisfy aviation demand, while considering potential environmental and socioeconomic impacts.
What influences the Master Plan?

- FAA and MnDOT standards
- Aviation demand
- Environmental considerations
- Infrastructure constraints
- Financial feasibility
- Community goals and input
- Stakeholder input
Master Plan Stages

INVESTIGATION
- Inventory
- Stakeholder Needs & Growth
- Forecasts
- Facility Requirements

SOLUTIONS
- Alternatives Development and Analysis
- Scenario Considerations
- Selection of Preferred Alternative

IMPLEMENTATION
- Financial Planning
- CIP
- Final Master Plan Document
- ALP

Stakeholder Engagement

2-3 Year Process
Airport Property
Airport Protected Areas
Existing Airport Safety Zoning
Existing Environmental Features
Transportation Options

- Rental Car Companies
- Commercial Vehicle Services
- Transportation Network Companies (TNCs)
  - Lyft and Uber
- Landline
- DTA
- Personally Owned Vehicles
Airport Transit Options
Airport Road Network
Major Airport Businesses
### Total Annual Economic Impacts of DLH

<table>
<thead>
<tr>
<th>Category</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visitors</td>
<td>82,578 annually</td>
</tr>
<tr>
<td>Area Employment</td>
<td>6,230 total jobs</td>
</tr>
<tr>
<td>Payroll</td>
<td>$227.3 million</td>
</tr>
<tr>
<td>Spending</td>
<td>$483.3 million</td>
</tr>
<tr>
<td>Total Economic Activity</td>
<td>$760.6 million</td>
</tr>
<tr>
<td>State and Local tax revenues</td>
<td>$32.9 million</td>
</tr>
</tbody>
</table>

*MnDOT Office of Aeronautics 2019 Airport Economic Impact Study*
Economic Impacts of DLH by Employer

Economic Activity

Spending

Payroll

$-, $100.00, $200.00, $300.00, $400.00, $500.00, $600.00, $700.00, $800.00

$ in millions

MnDOT Office of Aeronautics 2019 Airport Economic Impact Study
Total Economic Impact of DLH

- Annual Economic Activity
  - Direct Impact
  - Indirect/Induced Impact

- Spending
  - Direct Impact
  - Indirect/Induced Impact

- Payroll
  - Direct Impact
  - Indirect/Induced Impact

MnDOT Office of Aeronautics 2019 Airport Economic Impact Study
Infrastructure Investment

Future 2020 - 2030
$70,000,000

Past 2015-2019
$35,741,960
Types of On-airport Development
Example Development and Redevelopment Areas
# Aeronautical vs Non-Aeronautical

## Aeronautical

All activities that involve or are directly related to the operation of aircraft, including activities that make the operation of aircraft possible and safe. Examples:

- Air charter operations
- Scheduled air carrier services
- Pilot training
- Aircraft rental and sightseeing
- Aerial photography
- Aircraft sales and service
- Aircraft storage
- Sale of aviation petroleum products
- Repair and maintenance of aircraft
- Sale of aircraft parts
- Military flight operations

## Non-Aeronautical

Activity that is not required for the operation of an aircraft. Typically, an activity that doesn’t need to be on an airport. Examples:

- Aviation-related users that do not need to be located on an airport. (example: airline reservation center)
- Gas station
- Manufacturing of parts
- Office park
- Mini storage
- Hotel

Note: The FAA must approve non-aeronautical activities before the use is allowed.
TAC Goals
Goals

• Inform the Master Plan process and how the airport can support economic development
• Inform the ultimate airport land use
• Inform future DAA investments
• Understand the role DLH plays in the overall regional economy
Discussion
www.menti.com
Use code 21 69 21
How does the existing air service benefit economic development?
What challenges does the existing air service present?
What are the aeronautical economic development needs?
What infrastructure and types of sites are needed for aeronautical site to be marketable attractive?
Describe the marketable development sites and/or types of space that are most needed in the community?
What complementary or supply chain businesses are needed near the airport?
As the economy in the region changes, what can the airport do to support the region from an economic development standpoint?
As the economy in the region changes, what can the airport do to support the region from an economic development standpoint?

Example, as the medical industry grows, what is needed at DLH (facilities, services, etc.) to support that growth.
What are the barriers to economic development?
What transportation challenges (all modes) exist related to economic development on the airport?
What do you see the role of DLH being in growing the overall regional economy?
What are you or your organization hoping to get out of the Master Plan process as it relates to economic development?
Questions
Thank You!