Duluth International Airport Master Plan
Open House #1 – Project Kick Off

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Presented by:

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Introductions

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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
DLH Vision 2040

At the conclusion of DLH Vision 2040 the Duluth Airport Authority (DAA) will:

• Provide opportunities for businesses to grow and or relocate to Duluth
• Anticipate the evolving demand for air service in our region
• Better respond to the needs of general aviation
• Improve agility in responding to tomorrow’s opportunities and challenges
• Complement its neighboring communities
• Maintain the DAA’s financial sustainability
DLH Airport Overview
The Airport is an economic driver because the region has leveraged its infrastructure.

Airport Annual Economic Impact
Duluth International Airport
$646.5 Million
5294 Jobs
(direct, indirect, induced)

Major Aviation Employers
- AAR
- Cirrus
- Monaco Air
- Lake Superior College
- 148th Fighter Wing

Continued Growth
1000 new jobs over 10 years

Supports 483,000 residents and major employers:
- CN
- ALLETE
- Enbridge
- Maurices
- Health care and mining industries
Infrastructure Investment

Future 2020 - 2030
$70,000,000

Past 2015-2019
$35,741,960
Airside Paved Infrastructure

Airside paved infrastructure  75+ miles of city street
Major Tenants and Buildings
65,000+ takeoffs and landings annually

- General Aviation: 77%
- Commercial: 15%
- Military: 9%
Airport services

• 1 Fixed Base Operator (FBO)
  – Monaco Air Duluth

• Services offered at DLH include:
  - Fuel
  - Aircraft maintenance
  - Flight training
  - Aircraft storage
  - Car rental
  - De-icing
  - 24/7/365 U.S. Customs
  - And more…
Airline Service

Served by 3 airlines

DELTA

UNITED AIRLINES

American Airlines
Transportation Options

- Rental Car Companies
- Commercial Vehicle Services:
  - Uber/Lyft, Taxicabs, Hotel Shuttles, Limo and Buses
- Landline
- DTA
- Personally Owned Vehicles
- What’s Next?????
DLH Master Plan Overview
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

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Stakeholder Engagement

2-3 Year Process

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SEH
Building a Better World for All of Us®
DLH Master Plan Overview

• Inventory
  – Existing facilities, services, activity levels, built and natural environment

• Forecasts
  – Based aircraft
  – Operations (takeoffs and landings)
  – Enplanements (boarding passengers)
DLH Master Plan Overview

• Facility recommendations and alternatives
  – Runways
  – Taxiways
  – Airspace
  – Building Areas – Air Traffic Control Tower, development/redevelopment

• Implementation Plan/Capital Improvement Plan (CIP)
  – Funding sources
  – Project cost estimates
  – Implementation Plan
DLH Master Plan Overview

• Outside technical review
  – Performed by Landrum and Brown
• Airport Layout Plan (ALP)
• Exhibit A Property Map
• Stakeholder and public involvement
DLH Master Plan Focus Areas

• Runway 3/21
DLH Master Plan Focus Areas

- Taxiway Network
DLH Master Plan Focus Areas

- Air Traffic Control Tower replacement
DLH Master Plan Focus Areas

• Identification of development and redevelopment areas
Ways to get involved

- Visit the website:
  www.duluthairport.com\master-plan
- Project newsletters
- Blog
- Open Houses
- Project Committees
  - Master Plan Advisory Committee (MPAC)
  - Topic-specific Technical Advisory Committees (TACs)
Part 150 Noise Compatibility Study

• Separate, but concurrent project
• Visit station to meet with project staff

Save the Date!

OPEN HOUSE October 2, 2019
6:30 p.m. – 8:00 p.m.
Questions?

Project staff are available to answer questions – Look for the green box on a name tag!
Thank you!