Grand Forks International Airport
Master Plan Study

Airport Authority Briefing
Grand Forks, ND
October 22, 2015
Introductions

KLJ Airport Planning Team:
- Tom Schauer - Senior Aviation Planner
- Marcus Watson - Lead Planner
- Eric Gilles, C.M. - Planner
What is an Airport Master Plan?

“An Airport Master Plan is a comprehensive study of an airport and usually describes the short-, medium- and long-term development plans to meet future aviation demand”

Federal Aviation Administration (FAA)
Advisory Circular 150/5070-6B, Airport Master Plans
Airport Master Planning

- “Road Map” for meeting aviation demands
- Preserves flexibility to respond to future
- Allows airport to cost-effectively keep pace with aviation growth
- Considers environmental and socioeconomic impact of development
Airport Master Planning

Why is a Master Plan Update needed now?

- Last Master Plan completed in 2008
- New Local Planning Considerations
  - Key projects have been completed
  - Higher aviation demand (passengers, operations)
  - Terminal and airfield capacity
  - Primary runway reconstruction
- New FAA Design and Planning requirements
Airport Master Planning

Airport Layout Plan (ALP)
Roles & Responsibilities

- **KLJ Planning Team**
  - Manage Study
  - Complete Technical Work
  - Provide Analysis

- **Focus Groups**
  - Identify Key Issues
  - Provide Feedback
Roles & Responsibilities

- **GFK Airport Authority**
  - Provide Guiding Principles
  - Make Decisions
  - Review/Approve Master Plan & ALP

- **FAA & ND Aeronautics Commission**
  - Provide Technical Guidance
  - Approve Aviation Forecasts
  - Review Master Plan
  - Approve ALP
Planning the future of the Grand Forks International Airport

Pre-Planning
- Facility and Environmental Inventory
- Aviation Forecasts
- Capacity Analysis & Facility Requirements

Alternative Concept Formulation
- Alternatives Analysis
- Identify Preferred Alternative

Financial Analysis
- Implementation Plan
- Master Plan Documentation
- Airport Layout Plan (ALP)

PUBLIC INVOLVEMENT

Airport Approval Point
FAA Approval Point
# Project Schedule

## STUDY ELEMENTS OUTREACH

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## OUTREACH

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## Timeline

- **2015**: Facility & Environmental Inventory, Aviation Forecasts, Facility Requirements, Alternatives Analysis & Review, Financial & Implementation Plan, Land Use Compatibility, Airport Layout Plan & eALP
- **2016**: Focus Groups Outreach, FAA Review
- **2017**: Agency Meetings (FAA/NDAC), FAA Review
- **2018**: Public Open House, FAA Review
GFK Major Planning Elements

1. Terminal Building Capacity
2. Total Airfield Capacity
3. Runway 9L/27R Extension
4. Runway 17R/35L Action Plan
5. Public/Rental Car Parking
6. Critical Design Aircraft
7. GA Hangar Development
8. Land Use Compatibility
9. Other On-Airport Development
10. On-Airport Perimeter Roadway
11. Financial Analysis
Public Involvement

Promote information sharing
Collect feedback before major decisions are made
Develop community “buy-in”

- Focus Groups
- Airport Authority meetings
- Public Open House Meetings
  - Forecasts & Facility Requirements
  - Development Alternatives
- Project Website
Next Steps

- FAA Aeronautical Survey (Ongoing)
- Focus Group Meetings (Ongoing)
- Facility & Environmental Inventory (Jan. 2016)
- Aviation Activity Forecasts (Mar. 2016)
  - Authority Review & Approval
- Facility Requirements (Spring 2016)
- Document Reviews
Thank You!

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