



Grand Forks International Airport Master Plan Study

Airport Authority Update
Grand Forks, ND
June 23, 2016

- ◇ Completed Tasks
 - ◇ Facility Inventory
 - ◇ Environmental Inventory
 - ◇ Aviation Activity Forecasts
 - ◇ Awaiting FAA Review & Approval
 - ◇ Facility Requirements - Draft
- ◇ Upcoming Tasks
 - ◇ Alternatives Formulation & Analysis



Activity Forecasts

Metric	2014	2019	2024	2029	2034	Annual Growth
Passenger Enplanements (Boardings)						
TOTAL	146,531	167,341	183,519	207,635	234,921	2.39%
Airport Operations (Takeoffs & Landings) - <i>UND Constrained</i>						
Itinerant	120,119	110,935	118,844	124,714	127,777	0.31%
Local	204,077	202,067	215,741	223,094	223,406	0.45%
TOTAL	324,196	313,002	334,585	347,808	351,183	0.40%
Based Aircraft - <i>UND Constrained</i>						
TOTAL	147	160	169	174	179	0.99%

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Activity Forecasts

- ◇ Notable Trends
 - ◇ UND Activity Growth is Limited by Capacity/Delays
 - ◇ Factors Support Passenger Enplanement Growth
 - ◇ Market-Driven by Airlines
 - ◇ Average Aircraft Size Increasing (73 -> 94 seats)
 - ◇ Loss of Regular FedEx Air Cargo Service
 - ◇ Critical Design Aircraft Evolution (D-IV -> C-III)
 - ◇ Peak Passenger Activity Trends

Key Facility Needs

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- ◇ Airfield
 - ◇ Approximately 80% of annual operational capacity
 - ◇ Maintain operations when primary runway is down
 - ◇ ATCT operational benefit to extending Runway 27R/9L
 - ◇ Ultimate Runway 17R/35L extension to 8,000'
 - ◇ Taxiway width 75' -> 50'

Key Facility Needs

Terminal

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- ◇ Additional 1-2 gates for demand/irregular events
- ◇ Expanded departure holdrooms to meet demand during peak times
- ◇ Apron expansion for operational flexibility

Next Steps

- ◇ FAA Approval of Aviation Forecasts (Pending)
- ◇ Draft Facility Requirements Report (July 2016)
- ◇ Develop Alternative Concepts (Summer 2016)
- ◇ Discussion of Alternative Concepts (Late Summer/Early Fall 2016)
- ◇ Public Open House (Fall 2016)



Thank You!

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