



Sky Harbor Building Area Master Plan

July 19, 2022



Building a Better World for All of Us®

Master Plan Goals

- Increase visibility & value to the hometown & flying community
- Capitalize on Sky Harbor's Uniqueness
- Double down on strengths
- Minimize weaknesses
- Maximize revenue potential
- Financial feasibility & planning for projects included in the final master plan
- Maintain the critical balance between the sensitive natural environment around the airport & the aviation community

Stakeholder Outreach Methods

One-on-One Stakeholder Meetings

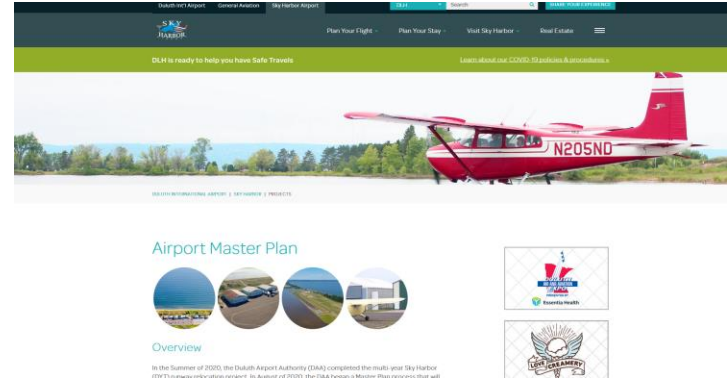
- CBP
- Tenants
- Beaver Air Tours
- Park Point Community Club

Stakeholder Advisory Committee

User survey

Public Open Houses

Website



Inventory Summary

- Runway and Taxiway Facilities
 - Runway 14/32
 - Full-parallel taxiway
 - 2 water landing strips



Runway 14/32 and Taxiway



Sky Harbor at Night

Inventory Summary

- Apron and Building Area
 - 31 tiedowns
 - 9 private hangars
 - Mobile CBP services
 - Terminal Building
 - 100LL Fuel
- Snow Removal Equipment (SRE)
 - Maintenance, Mowing, and Snow Removal Equipment



Building Area

Inventory Summary



Seaplane Dock



Seaplane Ramp



Terminal Building

Inventory Summary



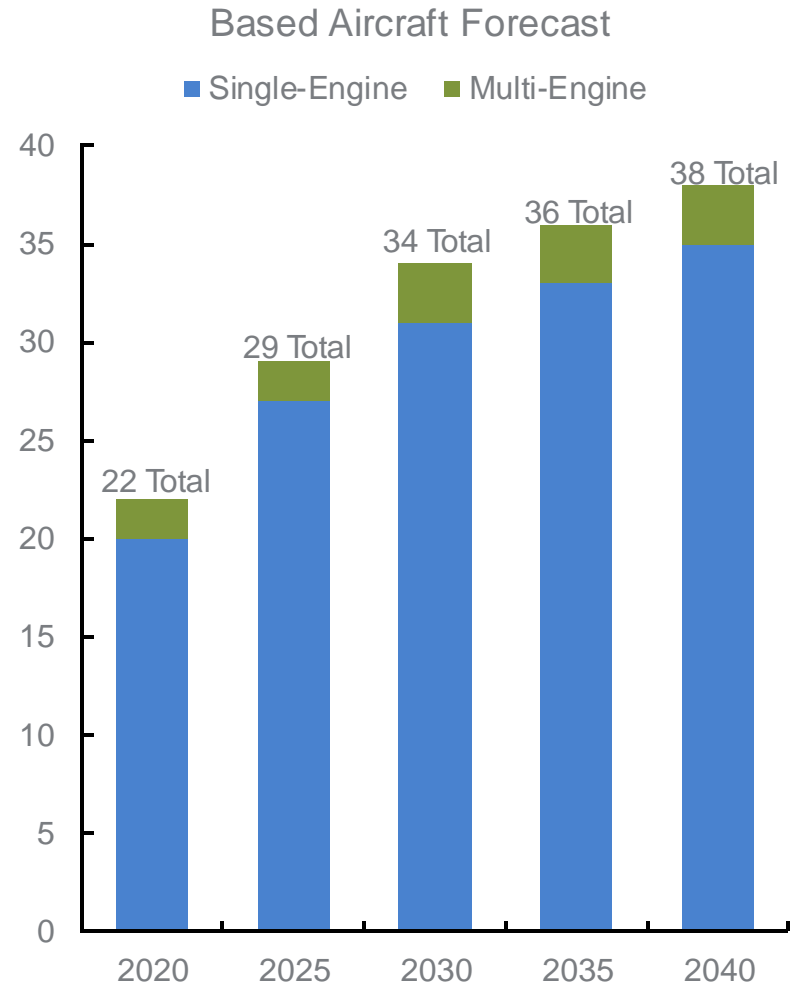
Fueling Facilities



Aircraft Tiedowns

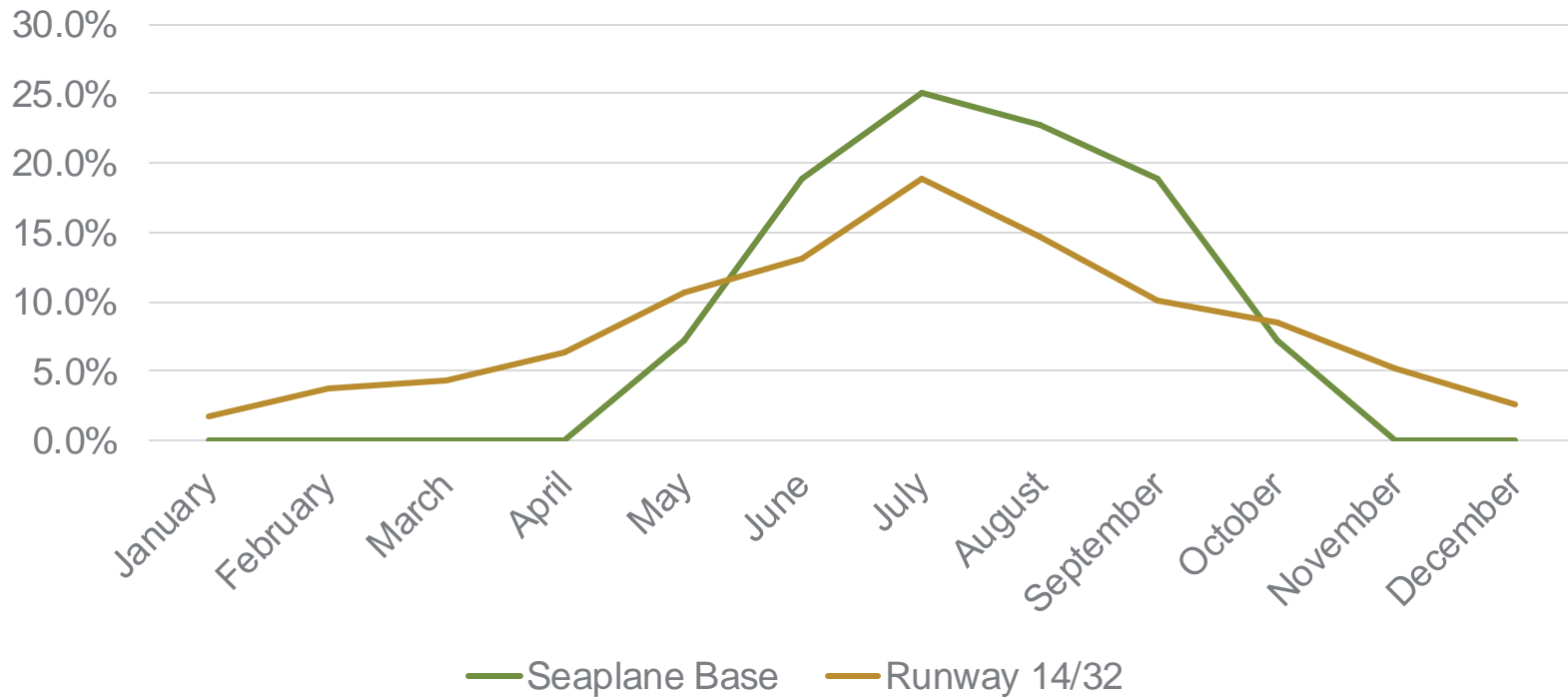
Activity Forecast Summary

- Aviation Activity Forecast was approved by FAA on April 20, 2021
- Forecasted both Based Aircraft and Aircraft Operations
 - Based aircraft growth is currently constrained by available hangar space



Activity Forecast Summary

Peak Month Activity by Runway



Facility Recommendations



Key Facility Recommendations

- Hangar & Building Development
 - Provide additional hangar space to meet existing and forecasted demand
 - Build snow removal equipment storage facility



Key Facility Recommendations

- Terminal Building
 - Remodel or replace the terminal to improve user experience, ADA accessibility, and sustainability
- Apron Drainage & Improvement
 - Improve drainage and prevent apron flooding by removing unneeded apron pavement and eliminating infrastructure in areas prone to flooding
 - Implement an apron layout to improve safety and reduce congestion

Key Facility Recommendations



Key Facility Recommendations

- Seaplane Base Development
 - Upgrade existing seaplane dock, construct two additional docks (as demand warrants), and rehabilitate seaplane ramp
- Customs and Border Protection
 - Mobile services should continue to be provided
 - Evaluate the need, if the time arises, to construct a GAF

Other General Facility Recommendations

- Continue to provide pavement and NAVAID maintenance
- Relocate the Airport Beacon inside the perimeter fence



Key Facility Recommendations



Next Steps

- Finalize Capital Improvement Plan (CIP)
 - FAA CIP Meeting on Thursday 7/21
- Finalize draft Master Plan and Airport Layout Plan (ALP) for FAA review (August 2022)
- Final stakeholder engagement efforts