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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

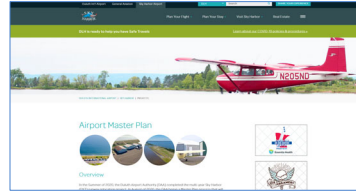
 SEH

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Stakeholder Outreach Methods

	One-on-One Stakeholder Meetings	CBP Tenants Park Point Community Club
	Stakeholder Advisory Committee	
	User survey	
	Public Open Houses	
	Website	

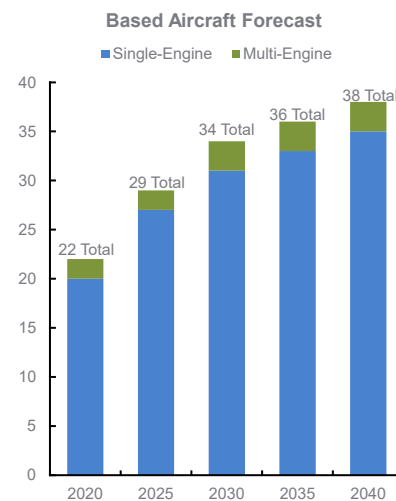


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Activity Forecast Summary

- Forecasted
 - Operations (take offs and landings)
 - Based Aircraft
- Based aircraft is currently constrained by available hangar and developable space
- ✓ Aviation Activity Forecast was approved by FAA on **April 20, 2021**



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Critical (Design) Aircraft

- ADG A-I Small
 - Wingspan – Less than 49 feet
 - Approach Speed – Less than 91 knots
 - Weight – Less than 12,500 lbs SWG



Representative Aircraft:
Cessna 172 or Cirrus SR22

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Facility Recommendations



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Key Facility Recommendations

- Airside Recommendations
 - Reconfigure the apron near the terminal building and seaplane ramp to reduce congestion
- Terminal Building
 - 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



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Key Facility Recommendations



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Key Facility Recommendations

- Hangar & Building Development
 - Provide additional hangar space to meet existing and forecasted demand while maintaining the sensitive environment
 - Construct snow removal equipment storage facility (Project under design)



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Key Facility Recommendations

- Seaplane Base
 - 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. A GAF is not needed so long as current activity levels remain.
- NAVAIDs
 - Replace the rotating beacon by 2035 and consider relocating the beacon inside the fence



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Key Facility Recommendations

- Other recommendations
 - Improve stormwater treatment - Install rock ditch checks to slow stormwater runoff, allow for settlement of suspended solids and to filter water through the ditch checks to remove additional sediment.
 - Improvements will reduce the City of Duluth stormwater bill by up to 90%



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Key Facility Recommendations



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Capital Improvement Plan



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Key Projects in Next 10 Years

- Construct Snow Removal Equipment (SRE) Building
- Replace Terminal Building
- Construct hangar taxi lane
- Construct ranch hangars
- Dock replacement
- Apron improvements
- Mower/Float Tractor replacement
- Pavement maintenance (crack seal)



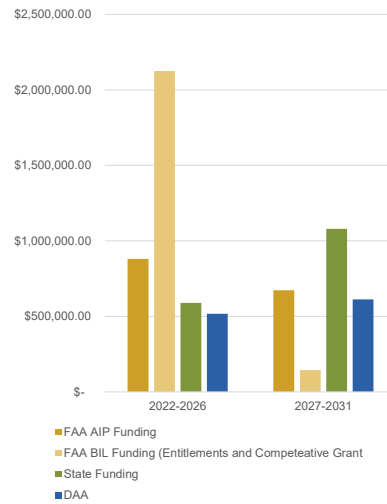
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Capital Improvement Plan (CIP)

- Identifies funding sources for each project

\$7.3 million in improvements identified in the 10 Year CIP



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