

# Juneau Airport Master Plan Update/Airport Layout Plan Update



## PROJECT BACKGROUND

This project involves preparation of an update of the current Airport Master Plan and Airport Layout Plan (ALP) for the Juneau International Airport (JNU) in accordance with the requirements of the Federal Aviation Administration (FAA), and the needs of the City and Borough of Juneau (CBJ), the owner/FAA-obligated airport sponsor. The JNU Master Plan Update (MPU) will primarily focus on updating:

- 1) the aviation demand forecast based on updated data through 2023, and current growth.
- 2) the current ALP and plan for future runway, safety area, taxiway, approach corridors that should be protected for safety and expansion.

## Project Documents (link to docs)

- Sustainability Master Plan – adopted in 2018

## Project Contact

If you have questions or comments about the project, please contact:

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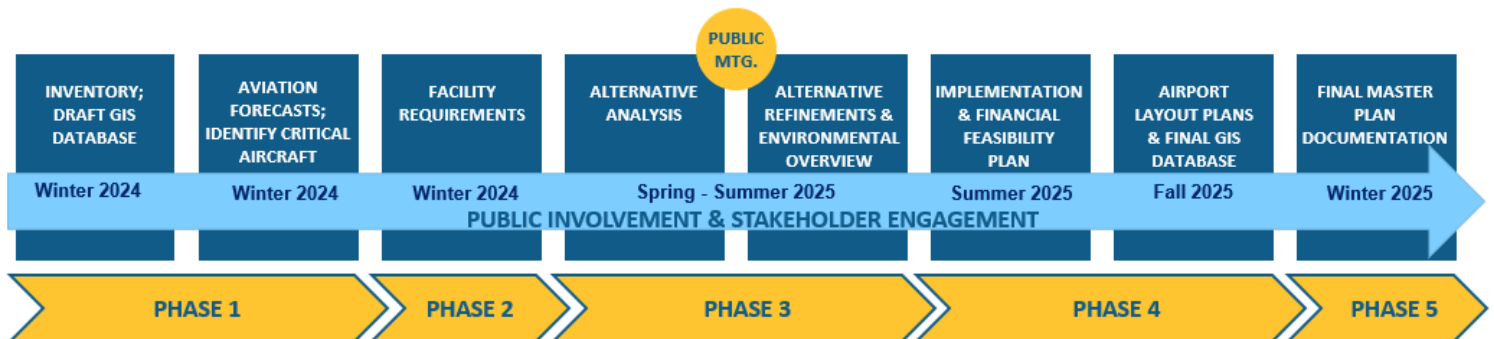
## PROJECT PURPOSE

The MPU and ALP Update will serve to guide CBJ’s strategy for the future development of JNU to satisfy demand in a timely, cost-effective, and feasible manner while minimizing airport development-related environmental and socioeconomic impacts.

The airport has played an important role in the past development of the community and will play an even greater role in the future. The airport is essential to many of the policies and implementing actions of the CBJ Comprehensive Plan. The airport serves as a hub for northern Southeast Alaska and the development of City of Juneau as a regional center for commerce and medical service emphasizes this aspect of the airport’s role. The FAA classifies JNU as a Primary Non-Hub airport, based upon passenger enplanements in the National Plan of Integrated Airport Systems. In 2018, the CBJ finalized and approved a Sustainability Master Plan for the long-term future development at JNU. This MPU will update the Sustainability Master Plan focusing on the plan’s long-term vision and updating to account for changes of passenger enplanements and community development. The proposed MPU scope will also address development through the next 20 years. Facility development planning actions that will collectively serve to improve air transport access, air cargo and logistics activities, passenger terminal efficiency and security, air safety, and maximize airport facility development, provide related economic impact that will all serve to generate resources to support the financial health of JNU and the Region as a whole.

## PROJECT SCHEDULE

It is the CBJ’s intent to have the final master plan update completed, if possible, by the winter 2025, depending on FAA approval. The 2014 forecast for aircraft operations at JNU has already been exceeded, and updating the FAA approved forecast of future operations and identification of the critical aircraft is imperative to confirm and quantify previously planned airport projects. An accurate updated forecast will impact the ultimate configuration of the airport layout plan, including potential runway extensions and impacts to protected airspace along runway approach paths.



## FREQUENTLY ASKED QUESTIONS

### **Q: Why is a master plan necessary?**

A: An airport master plan is needed for two reasons. First, to establish a logical set of development parameters and timelines that will coincide with the airport's needs over time. Second, the FAA requires an up-to-date plan to remain eligible for federal grants. Many capital improvement projects are eligible to receive up to 93.75% funding from the federal government.

### **Q: What are the components of the master plan?**

A: 1. An inventory of existing conditions. 2. Activity forecasts to identify growth trends and changing conditions. 3. Demand-capacity analysis to assess improvement needs. 4. An overview of known environmental resources and land-use controls to identify potential on and off-airport related impacts. 5. A development plan to enhance safety and accommodate future growth and changing conditions. 6. An implementation (capital improvement) plan that identifies funding sources and project sequencing for the short term (1 to 5 years), intermediate term (5 to 10 years), and long term (10 to 20 years).

### **Q: The master planning process will result in the following three products:**

A: 1. Airport Master Plan Update Report – A written report which technically documents current conditions and future airport development plans, through sufficiently detailed narrative descriptions and graphic presentation. 2. Airport Layout Plan (ALP) – A set of plans that graphically depicts the phased development of the airport. 3. Aeronautical Survey – A obstruction survey, mapping, and aerial imagery analysis will be conducted to accurately identify airport obstructions.

### **Q: How can the public get involved?**

A: The simplest way is through this website. You can learn about upcoming public meetings, read materials from prior meetings and review project deliverables as they are developed. Sign up to receive meeting notices or send us a question or comment on our contact page. All public meetings will be widely announced well in advance.

### **Q: How does the approval process work?**

A: Approval of the Juneau Airport Master Plan is obtained from the City and Borough of Juneau, which operates the airport, and the FAA, which ultimately approves the updated airport forecast and the Airport Layout Plan. The FAA's approval of the plan represents acceptance of the general location of the future facilities depicted with respect to safety, efficiency, and utility of the airport. Additional approvals and steps are usually necessary before a project can move forward to the construction phase.

**Q: What happens after the plan is approved?**

A: FAA's approval of the Airport Layout Plan is the first step in the development process. Often, an environmental review will follow for priority projects during a given timeframe (usually 5 years or less). After all necessary approvals are obtained, a project may then move forward to the construction phase.

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