



HEBER VALLEY AIRPORT

FLIGHTPATH

PLANNING A SHARED COURSE FOR OUR FUTURE

An Important Community Asset

- Supports fire safety and emergency services
- Creates head-of-household jobs
- Supports important economic drivers in our community like tourism and business travel
- Supports recreational aviation including gliders, hot air balloon enthusiasts and small general aviation
- Preserves large tract of open space into the future



Airport Master Plan Status Update



What We Have Accomplished

1

Inventory: Analysis of the socioeconomic data of the region, including population, economic drivers, inventory of number of aircraft operations, and facility conditions.

2

Forecast: Use of inventory to determine future aviation demand.

3

FAA Approval: The FAA approved the project forecast in summer 2021.

4

Facility Requirements: A review of federal design standards to determine the changes needed to meet safety requirements.

5

Runway Alternatives: A comprehensive review of plausible updates to the primary runway and taxiways.



What We'll Learn Tonight

- Airport Mission, Vision, Values, Goals
- Facility Requirements
- Alternatives



Here to Help Tonight

1

T-O Engineers: Jeremy McAlister, Dave Mitchell, Sam Allen

2

Heber City: Mayor Heidi Franco, Travis Biggs, Airport Manager; Airport Advisory Board members; Heber City Council members

3

Industry Experts: Peter Kirsch, HCR aviation attorney; Jared Esselman, U-DOT; Curt Castagna, Steve Domino, Aeroplex Group Partners



Project Resources

1

The Website: The Flightpath website shares all historical documents, FAA guidelines, and draft documents. Read for yourself.

2

The Blog: The Flightpath team regularly shares news articles, program updates, and airport events. Get information delivered to your inbox.

3

The Meetings: There are more public meetings before the update process concludes. Stay involved.





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Airport Vision & Mission

Vision:

Articulates aspirations for the airport

Heber Valley (Russ McDonald Field) supports the economic, environmental, and recreational needs of Heber City and the surrounding communities through safe, secure operations and fiscal self-sustainment.

Mission

Conveys purpose

The mission of Heber Valley Airport (Russ McDonald Field) is to serve as an active, self-sufficient, general aviation airport responding to the needs of the local community. The airport will continually strive to provide attractive, high-quality aeronautical facilities and services to based and visiting aircraft in a safe and environmentally sensitive manner.



Airport Values

Community:	Be a good neighbor that benefits the cities and counties surrounding the airport
Outreach:	Communicate, understand, accept and balance community as well as airport needs
New Ideas:	Develop innovative solutions to emerging airport opportunities and challenges
Non-Contentious:	Act always, on all issues, so that compromise and finding common ground guides all discussions and negotiations
Environment:	Eliminate or minimize potential environmental impacts on surrounding communities
Concern:	Make airport safety and security our number-one priority
Transparent:	Ensure that all airport management processes are conducted in an open and responsible manner



Airport Goals

1. Ensure a **safe and efficient** airport for all users and the surrounding communities
2. Develop and maintain a **financially sound** and effective Airport Business Plan that does not require local tax subsidies or bonding
3. Maintain the number and size of individual transient aircraft at **reasonable levels**
 - a. Minimize noise and air pollution
4. **Honor all existing covenants**, contracts, or legal agreements
 - a. Avoid potential conflicts or future lawsuits
 - b. Make all improvements required by FAA safety and grant obligations
5. Create, grow and **maintain strong relationships** between all airport stakeholders
 - a. City Council, AAB, FBO, Users and Tenants, other Airport Businesses and Clubs, FAA, UDOT Aeronautics, Local Community and Clubs, Airport Consultants, Airport Engineers, neighboring County and City officials, Chamber of Commerce and local Colleges/Schools/Institutions
6. Encourage efforts to **attract citizens** in the Heber Valley to visit and utilize the airport
 - a. Food facilities, museums, marketing/branding, landscaping, fencing and signage, viewing area, etc.



Important Factors

1

The Airport Advisory Board and City Council-approved Airport Vision and Mission are backbone of this process.

2

Overarching goals: compliance with FAA standards, keeping an appropriate-sized airport, maintaining our community vision of supporting light general aviation community, and keeping our small-town feel.

3

Team of experts completed a thorough analysis and will present high-level overview that will elevate our airport's ability to meet our goals.



Shaping the Airport's Future

- T-O Engineers will provide an overview of alternative concepts – along with the benefits and challenges of each option.
- Following presentations, opportunity to review information, ask questions of subject-matter experts and city representatives, and provide comments.
- Again, seeking support of the most viable alternative for airport & community.





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Facility Requirements and Alternatives



Critical Aircraft – Challenger 350



Runways and Taxiways



Safety and Land Control



General Aviation Facilities



Support Facilities



Other Considerations



Facility Requirements Summary

- Critical aircraft and forecast require some changes to meet standards
- Alternatives are limited based on constraints
- Full facility requirements will not be met



Critical Considerations

1

The Airport must meet all C-II safety standards to be considered compliant and continue to be eligible for federal funding.

C-II safety standards does not increase the airport's capacity. Compliance increases the ability to safely accommodate current and forecasted traffic.

2

Strong community sentiment to limit geographic size and capacity of airport has been central to preliminary alternatives analyses.

Options being considered limit all future land acquisitions to a minimum and oppose any runway lengthening. Further preference to move the flightpath away from downtown and the high school have been given strong consideration.

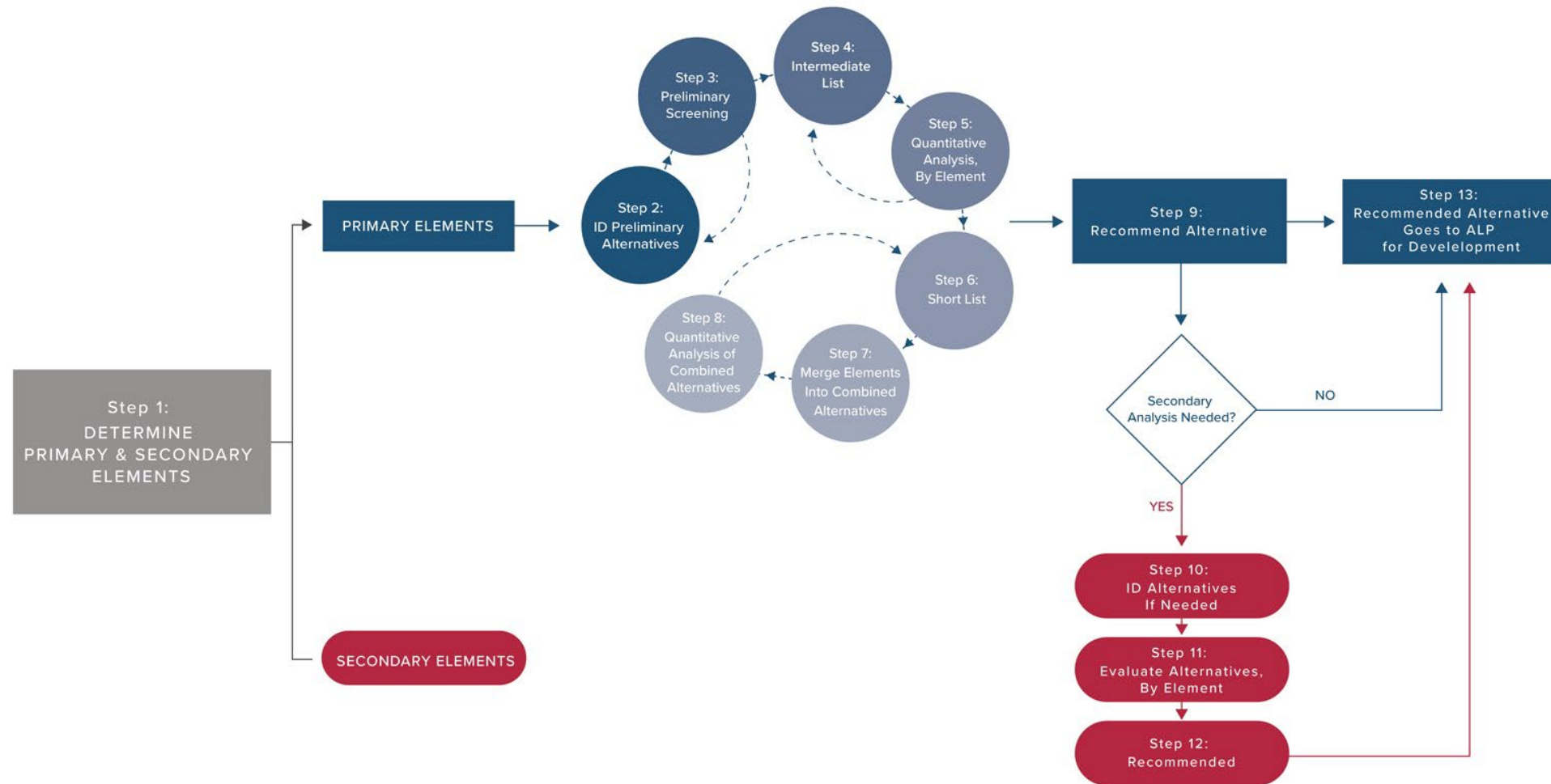
3

Airport alternatives must be viable with future bypass considerations even though they are not determined at this time.

Airport boundaries along existing US-189 right-of-way are assumed to stay the same.



ALTERNATIVES ANALYSIS PROCESS



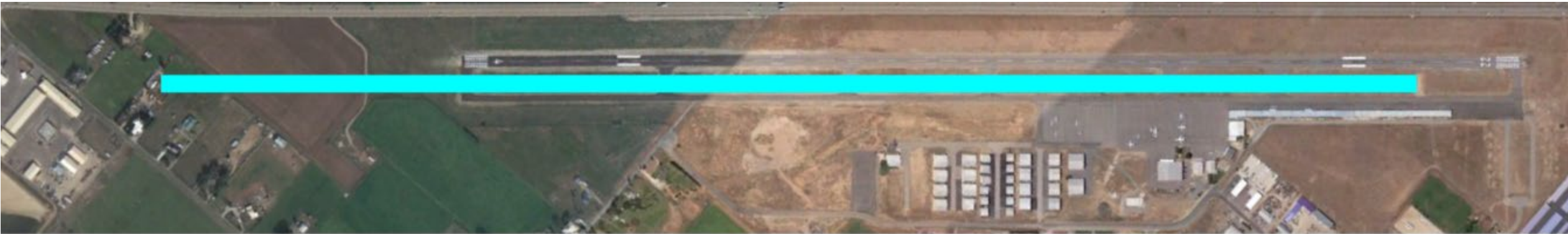
Alternatives – Preliminary Alternatives

1) Runway shift to Northwest



Alternatives – Preliminary Alternatives

2) Recommended Runway Length (Aircraft performance based)



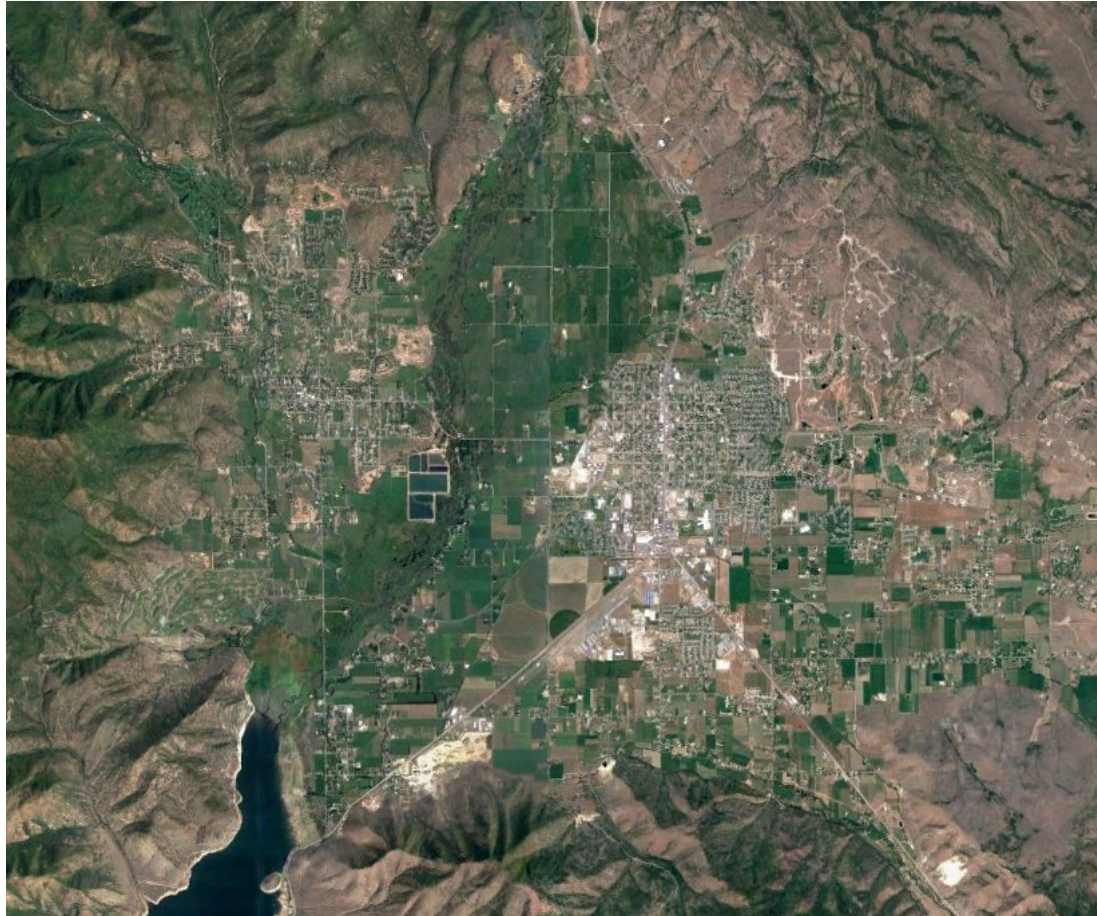
Alternatives – Preliminary Alternatives

3) Reduced Runway Length



Alternatives – Preliminary Alternatives

4) Airport Site Relocation



Alternative – Existing Layout with C-II standards implemented



Alternative – Runway Shift to Southwest



Master Plan Update Next Steps

- Council will consider all stakeholder input and select a recommended alternative
- Recommended alternative will be incorporated into a draft Airport Layout Plan (ALP)
- Environmental impacts (noise, light, etc.) of recommended alternative will be evaluated
- Financial feasibility including potential phasing for implementation will be drafted
- Master Plan including ALP will be presented in draft to Council for approval
- Once approved by Council, draft Master Plan will be submitted to the FAA for acceptance
- After approval by Council and acceptance by FAA, Master Plan will be finalized



Tonight

- Exhibit items located around room
 - Facility Requirements / Critical Aircraft
 - Preliminary Alternatives
 - Existing Layout with C-II standards implemented
 - Runway Shift to Southwest
- Community and technical experts available to answer questions at each exhibit
- Public feedback information available at back of room





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