



Cottonwood Municipal Airport
MASTER PLAN UPDATE

Master Plan Advisory Committee
Meeting #4

AGENDA

- Team Reintroductions
- State of the Airport
- Recap: Public Meeting
- Recap: Aviation Demand Forecasts
- Recap: Airport Facility Needs
- Runway Alternatives
- 20-Year Recommended Development Plan
- Activity: Project Phasing
- Next Steps

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TEAM REINTRODUCTIONS

Consultant

Kimley»Horn

Colin Wheeler – Project Manager

John Coliton – Deputy Project Manager

Airport / City of Cottonwood



Jeffrey Tripp, A.A.E., ACE – Airport Manager

Ron Corbin – Cottonwood City Manager

Rudy Rodriguez – Cottonwood Deputy City Manager

Master Planning Advisory Committee

- **Tina Andres** - Experimental Aircraft Association, Verde Valley Chapter
- **Brenda Clouston** - Owner, Colt Grill
- **Scott Ellis** - Community Development Director, City of Cottonwood
- **Tosca Henry** - Council Member, City of Cottonwood
- **Tricia Lewis** - Tourism & Economic Development Director, City of Cottonwood
- **Jim Millis** - President, Cottonwood Ranch HOA
- **Jim Moeny** - Chair, Cottonwood Airport Commission
- **Christian Oliva del Rio** - President/CEO, Cottonwood Chamber of Commerce
- **Vernon Reed** - Experimental Aircraft Association, Verde Valley Chapter
- **Susan Guthrie** - Town Manager, Town of Clarkdale

RECAP: ADVISORY COMMITTEE ROLE & OBJECTIVES

- Provide local and technical expertise
- Facilitate a variety of viewpoints
- Provide individual perspectives on issues
- Review and provide comment on project deliverables



Source: Cottonwood Municipal Airport, 2020.

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STATE OF THE AIRPORT

Jeffrey Tripp, A.A.E., ACE – Airport Manager



Source: Nearmap, 2021.

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RECAP: PUBLIC MEETING

- Placeholder
- Placeholder
- Placeholder
- Placeholder
- Placeholder

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RECAP: OPERATIONS & BASED AIRCRAFT FORECASTS

Year	Based Aircraft Forecast	FAA-approved Operations Forecast (approved December 2020)	Refined Operations Forecast (based on Virtower*)
2019 (base year)	64	18,900	-
2021 (2-year forecast)	66	19,524	36,934
2024 (5-year forecast)	69	20,498	38,787
2029 (10-year forecast)	75	22,232	42,083
2039 (20-year forecast)	89	26,154	45,660

Sources: FAA National Based Aircraft Inventory Program; FAA Aerospace Forecast 2020-2040; FAA Terminal Area Forecast; Kimley-Horn, 2020.

*Refined operations based on Virtower data do not impact facility planning as part of this master plan process.

2039 BASED AIRCRAFT FORECASTS



RECAP: CRITICAL AIRCRAFT FORECAST

Existing

ARC:
A-I Small

Cessna Skyhawk 172



Piper Malibu Meridian



Future

ARC:
B-I Small

Cessna Citation I



Beechcraft King Air 90



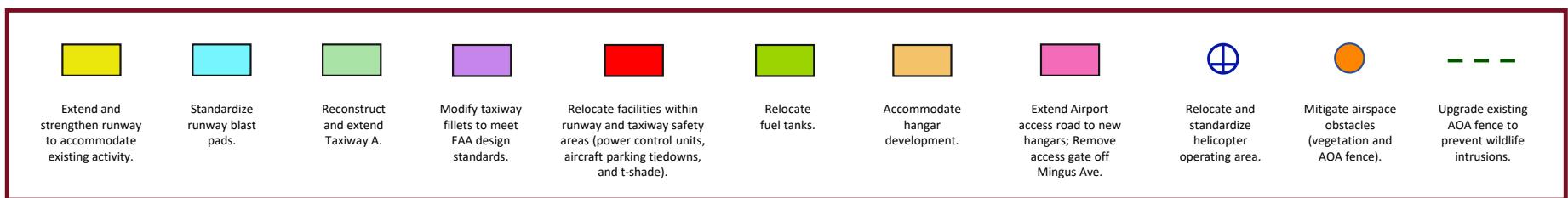
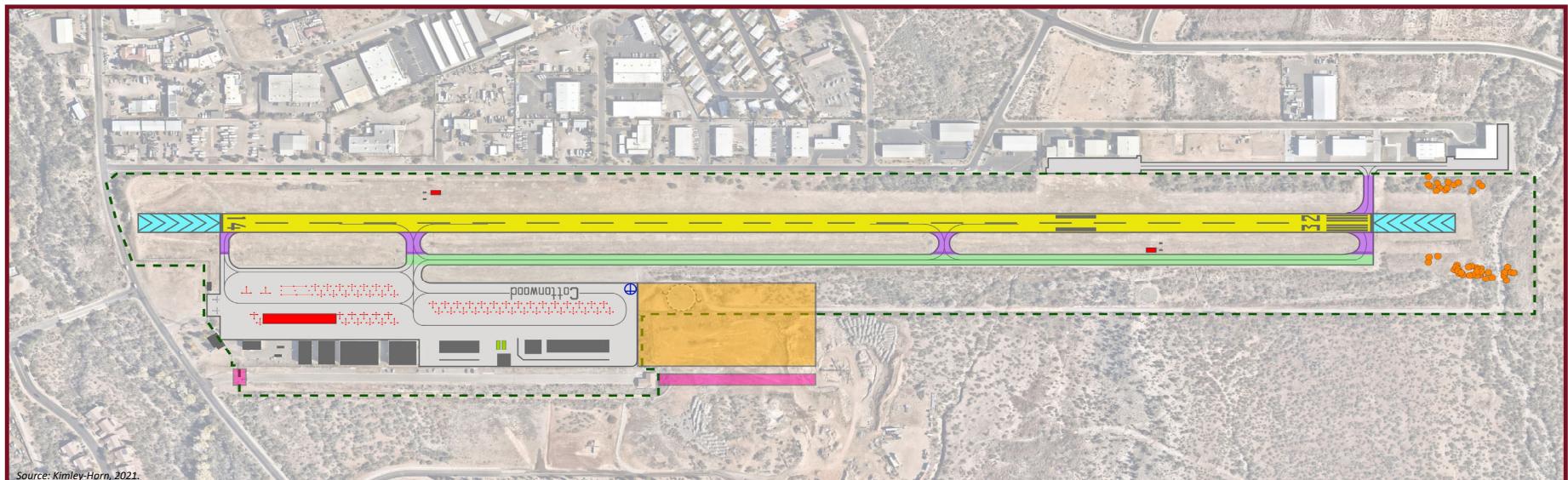
Piper Cheyenne II



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RECAP: AIRPORT FACILITY NEEDS

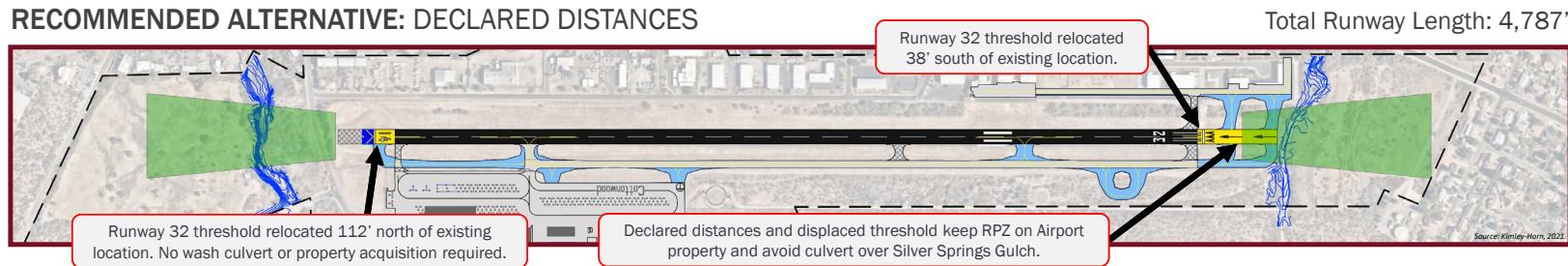


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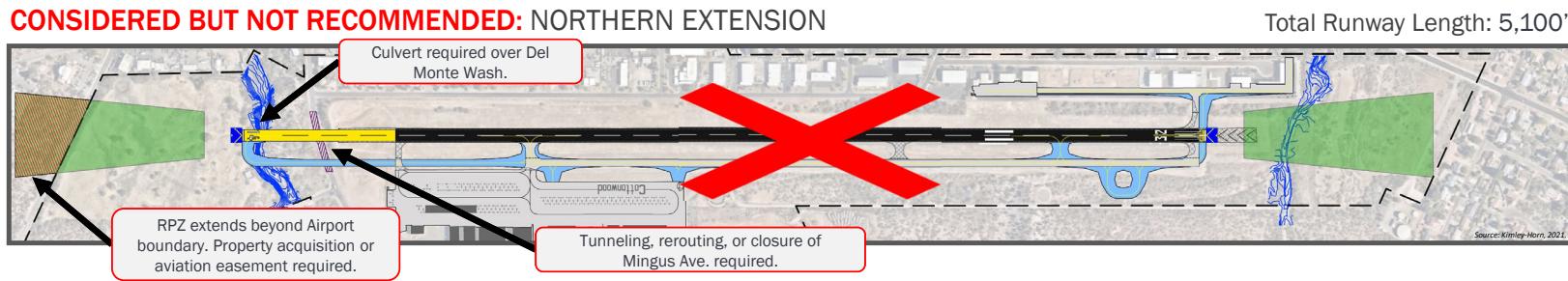
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RUNWAY ALTERNATIVES

RECOMMENDED ALTERNATIVE: DECLARED DISTANCES



CONSIDERED BUT NOT RECOMMENDED: NORTHERN EXTENSION



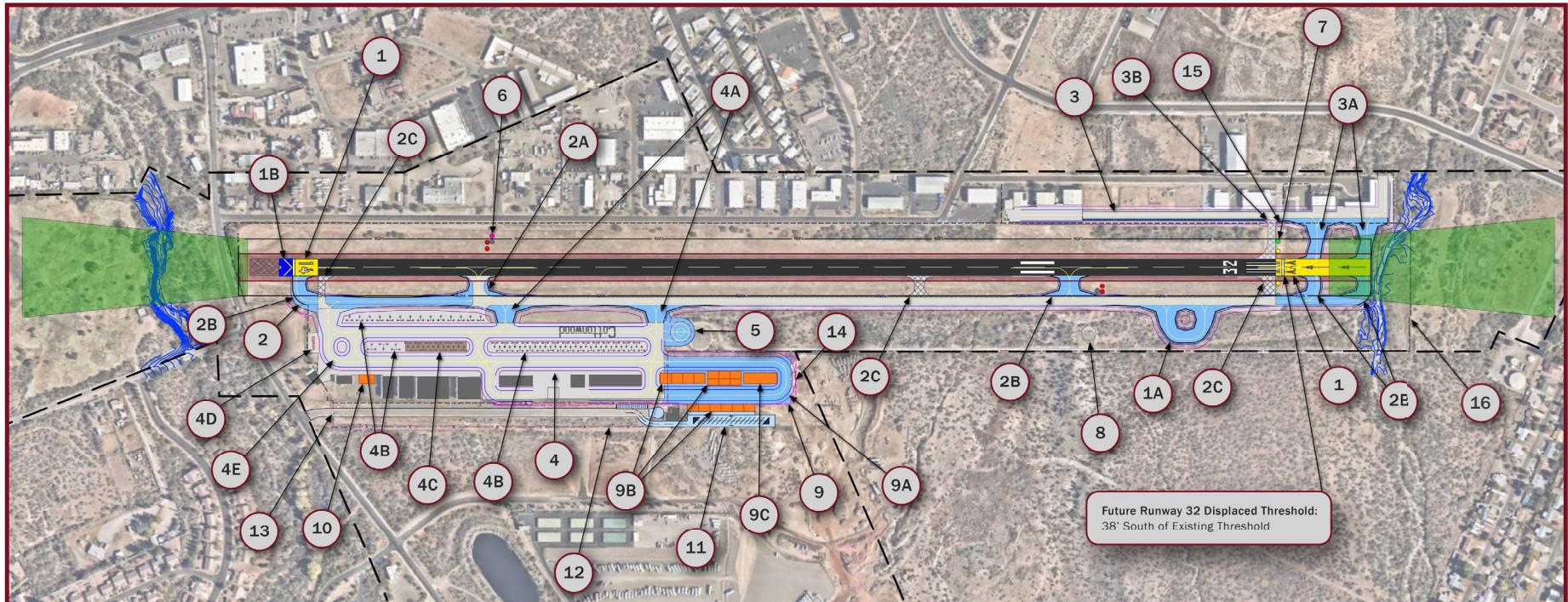
CONSIDERED BUT NOT RECOMMENDED: SOUTHERN EXTENSION



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20-YEAR RECOMMENDED DEVELOPMENT PLAN



1. Design & Construct Runway Extension & Strengthening

- 1A. Design & Construct Run-up Area
- 1B. Standardize Runway 14 Blast Pad

2. Design & Construct Taxiway A Extension & Narrowing

- 2A. Standardize Existing Taxiway Connectors
- 2B. Design & Construct 4 Taxiway Connectors
- 2C. Remove Taxiway Pavement

3. Design & Construct East Taxilane Modifications

- 3A. Design & Construct 2 Taxiway Connectors
- 3B. Remove Taxiway Pavement

4. Design & Construct Apron Reconfiguration

- 4A. Design & Construct 2 Taxiway Connectors
- 4B. Relocate Aircraft Tiedowns
- 4C. Relocate T-Shade Structure
- 4D. Relocate Fuel Tank
- 4E. Restripe Taxilane Centerlines

5. Design & Construct Helicopter Operating Area

- 6. Relocate Runway 14 PAPI PCUs
- 7. Relocate Runway 32 REILs
- 8. Relocate Segmented Circle with Wind Indicator
- 9. Design & Construct Hangar Development Area
- 9A. Design & Construct Taxilane
- 9B. Design & Construct 16 Box Hangars
- 9C. Design & Construct Six-Unit T-Hangar

10. Design & Construct Box Hangar

- 11. Design & Construct Roadway & Vehicle Parking

12. Remove AOA Fence

- 13. Remove Access Gate

14. Construct AOA Fence

- 15. Lower AOA Fence

16. Install Wildlife Skirting on AOA Fence

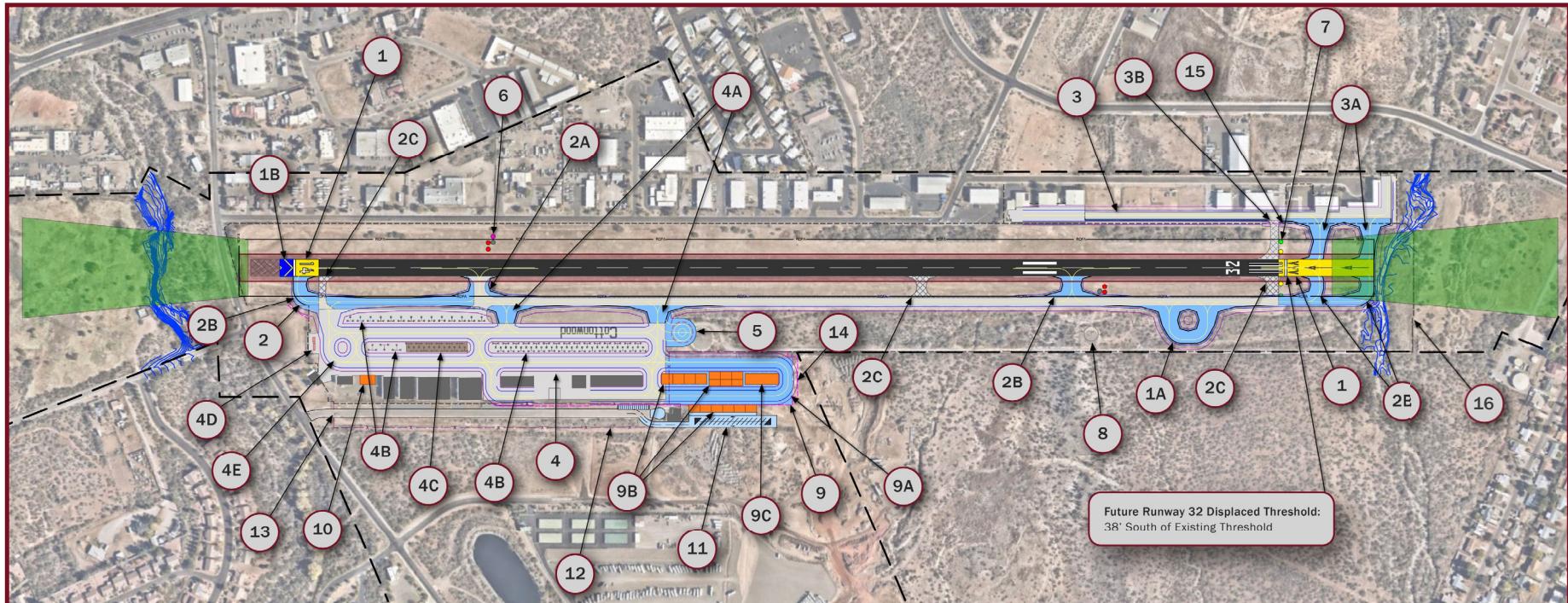
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ACTIVITY:

PROJECT PHASING

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NEXT STEPS

- Finalize Alternatives chapter, incorporating stakeholder feedback.
- Meet with FAA to discuss Recommended Development Plan (RDP).
- Draft Implementation and Financial Analysis working paper.
- Draft Airport Layout Plan (ALP).
- Submit final ALP to FAA.

QUESTIONS / COMMENTS

Please send additional questions and comments to:

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john.coliton@kimley-horn.com



THANK YOU!

Kimley»Horn

