



BURNS  **MCDONNELL**

 **CENTURION**
PLANNERS | SURVEYORS | ENGINEERS

Airport Master Plan

Airport Advisory Board Update

Columbia Regional Airport

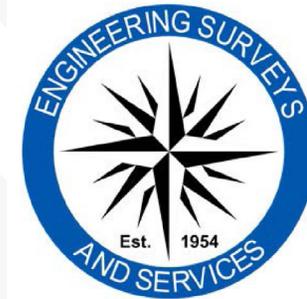
AIP No. 3-29-0022-056/057-2023

May 22, 2024

Planning Team



N|V|5
GEOSPATIAL



Schedule Highlights



Current Phase – Aviation Forecasts

- FAA Approval on 5/21/24
- Wrapping up in June
- Impacted schedule by 2 months



Next Phase – Facility Requirements

- Beginning in June
- Wrapping up July

Overall Schedule

Schedule Revision Date : 5/22/2024

Project Tasks		2023				2024												2025											
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Study Elements	Study Formulation	█	█																										
	Airport Inventory		█	█	█																								
	Aviation Forecasts					█	█	█	█	█	█																		
	Facility Requirements									█	█																		
	Alternatives Development and Evaluation										█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	Glycol Considerations											█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	Environmental Documentation																	█	█	█	█	█	█	█	█	█	█	█	█
	Airport Layout Plan Drawing Set																		█	█	█	█	█	█	█	█	█	█	█
	Facilities Implementation Plan																		█	█	█	█	█	█	█	█	█	█	█
	Sustainability Initiatives																			█	█	█	█	█	█	█	█	█	█
	Financial Feasibility Analysis																				█	█	█	█	█	█	█	█	█
	Final Report and Project Close																						█	█	█	█	█	█	█
	Special Services	Exhibit A Property Map	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Aeronautical Survey		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Wildlife Assessment and Mitigation Plan		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
Follow-on Environmental Documentation																													
Outreach	PSC Meeting				█					█	█												█						
	Executive Committee Meeting										█	█											█			█			
	Public Open House					█																							
Deliverable Milestone					█	█					█	█						█	█			█	█			█	█		
FAA Approval Milestone											█	█											█	█			█	█	

Forecast - Enplanements

Figure 3.4 Passenger Forecast Scenarios



Source: CPD, 2024.

Forecast – Based Aircraft

Fig 3.7 Based Aircraft Forecasts

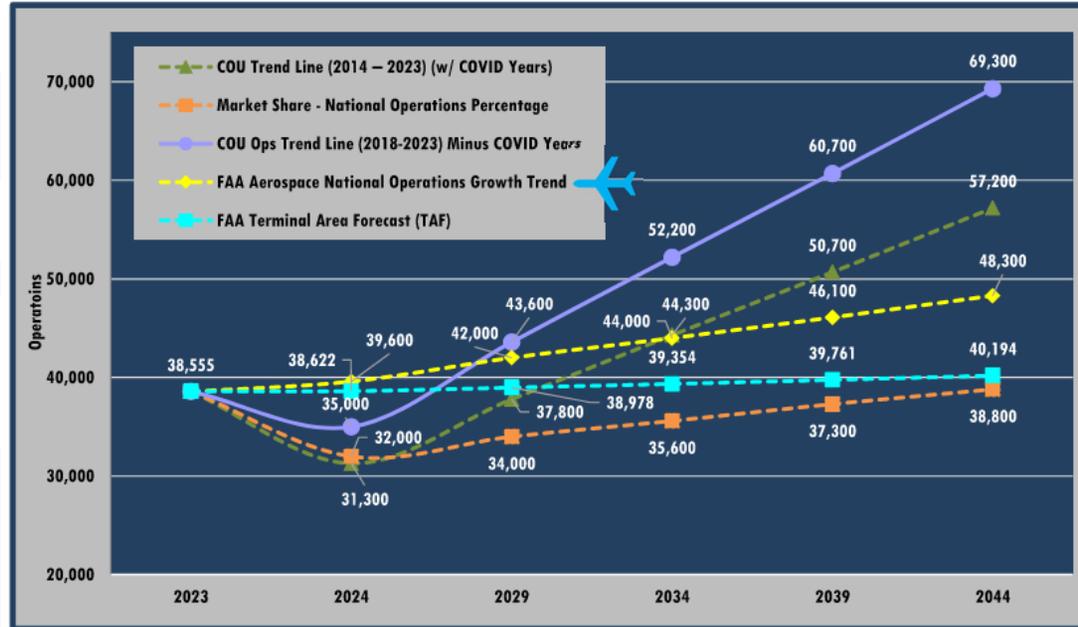


Figures may not add exactly due to rounding.

Source: CPD, 2024.

Forecast – Operations

Fig 3.10 Summary of Aircraft Operations Forecasts, 2023-2044



Note: Figures may not add exactly due to rounding.
Source: CPD, 2024, and FAA TAF and Aerospace Forecasts (FY 2023-2043).

Forecast – Comparisons

Table 3.14 FAA Approval: Appendix C – TAF and Forecast Comparison

Category	Year	COU Forecasts	FAA TAF	Differential Percentage (%)
Based Aircraft				
Base Yr +1	2024	32	32	0.0
Base Yr +5	2029	35	34	4.0%
Base Yr +10	2034	39	34	13.6%
Base Yr +15	2039	46	34	23.8%
Operations				
Base Yr +1	2024	39,600	38,622	2.5%
Base Yr +5	2029	42,000	38,978	7.6%
Base Yr +10	2034	44,000	39,354	11.8%
Base Yr +15	2039	46,100	39,761	15.9%
Enplanements				
Base Yr +1	2024	101,100	95,987	5.1%
Base Yr +5	2029	117,400	105,789	9.9%
Base Yr +10	2034	137,300	116,828	14.9%
Base Yr +15	2039	157,400	129,101	17.9%

Note: Figures are rounded for simplicity
Source: CPD, 2024.

Facility Requirements



Airside
Facilities



Terminal
Facilities

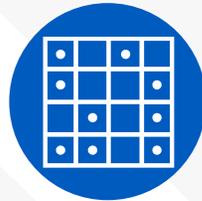


ARFF
SRE

Alternatives Development and Evaluation



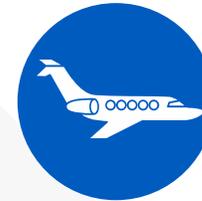
Identify
Alternatives



Evaluate
Alternatives



Select
Alternatives



Obstacle
Action Plan

Facilities Implementation Plan / Feasibility Analysis



Capital
Improvement
Plan



Project
Sequencing
Plan



Review Airport
Budget



Review Rates
and Charges

Questions / Comments



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