



Welcome to the Sioux Gateway Airport (SUX) Master Plan Public Meeting



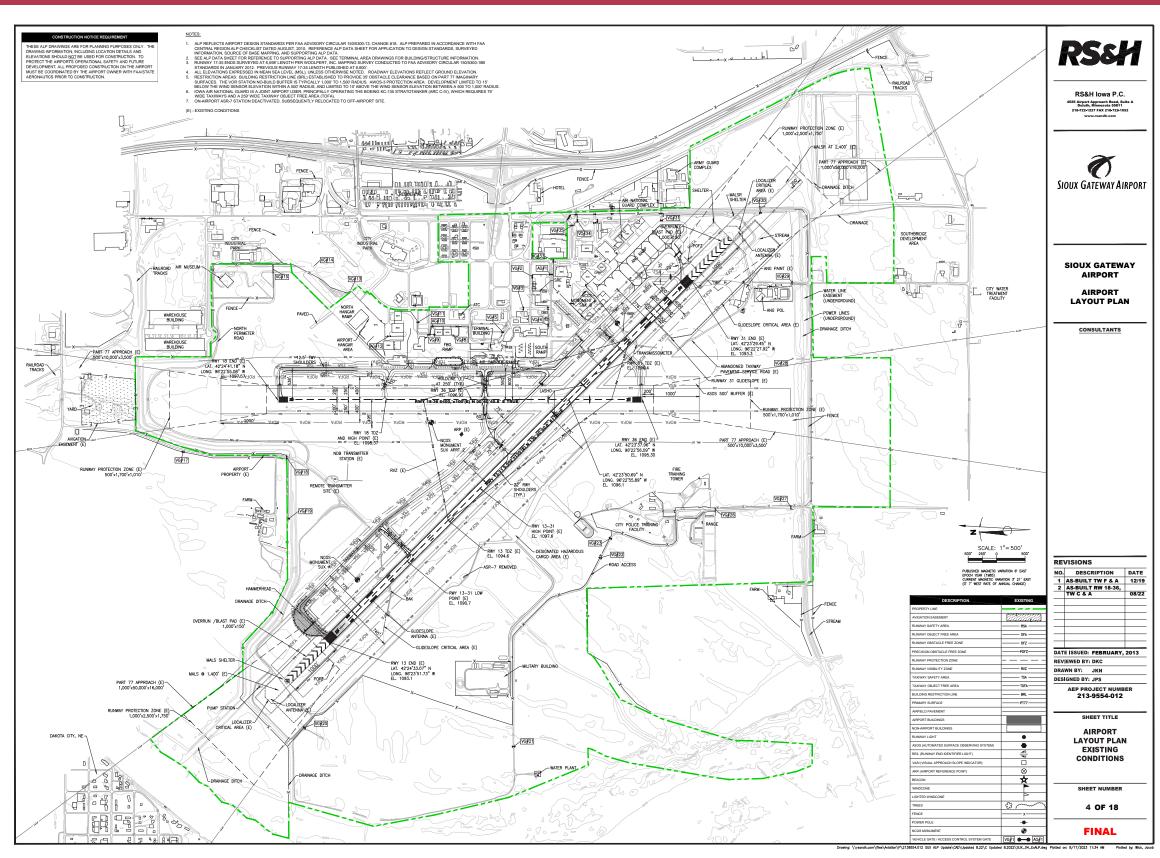
WHATISA MASTER PLAN?

An airport master plan is a comprehensive study of an airport and usually describes the short-, medium-, and long-term development plans to meet future aviation demand.

- FAA Advisory Circular 150/5070-6B, Airport Master Plans

Airport Layout Plan

(illustrates the plan)

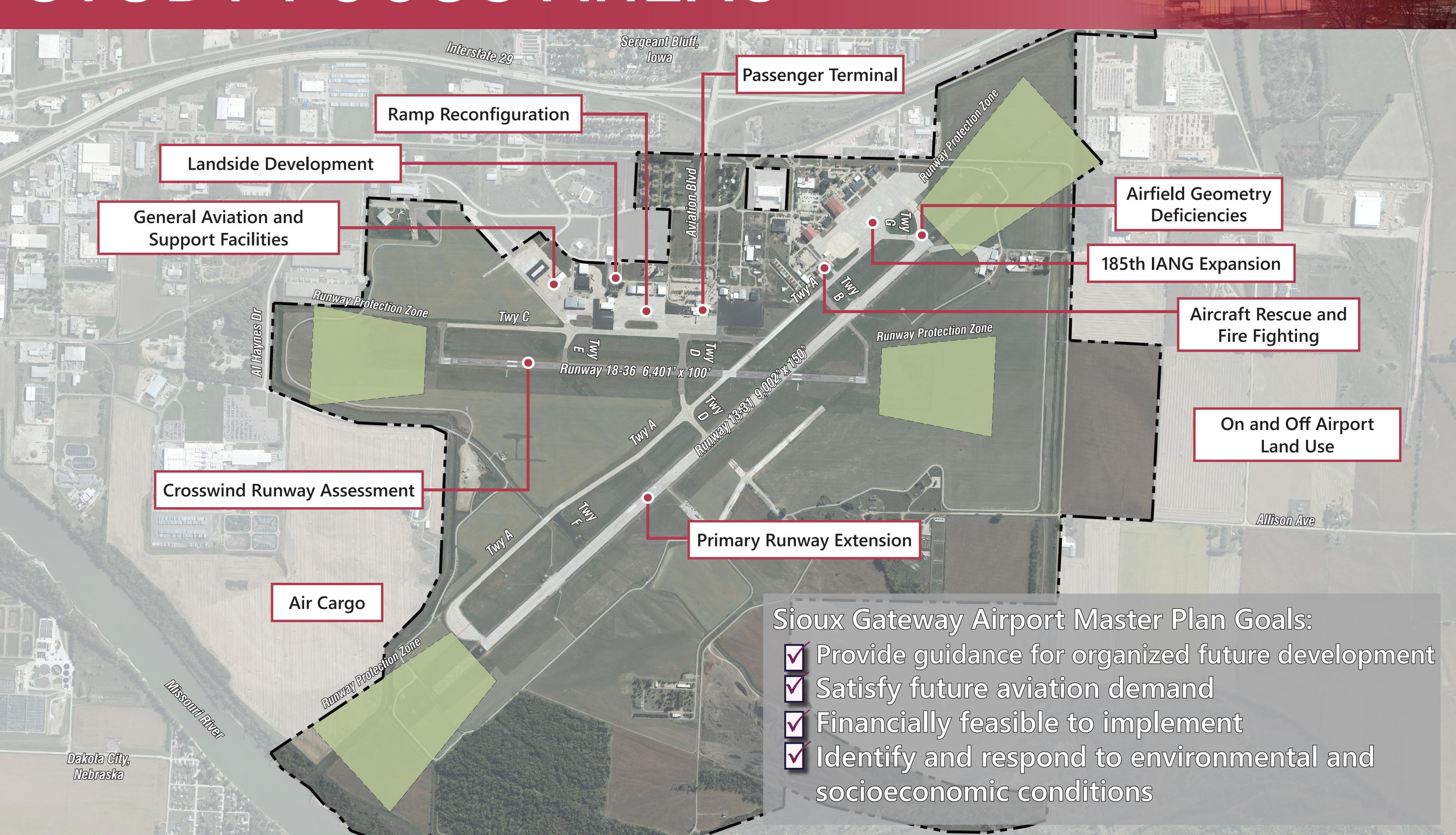


Technical Report (Documents the "how" and "why") **Facility** Forecast Inventory Requirements Implementation Development Airport Alternatives Layout Plan





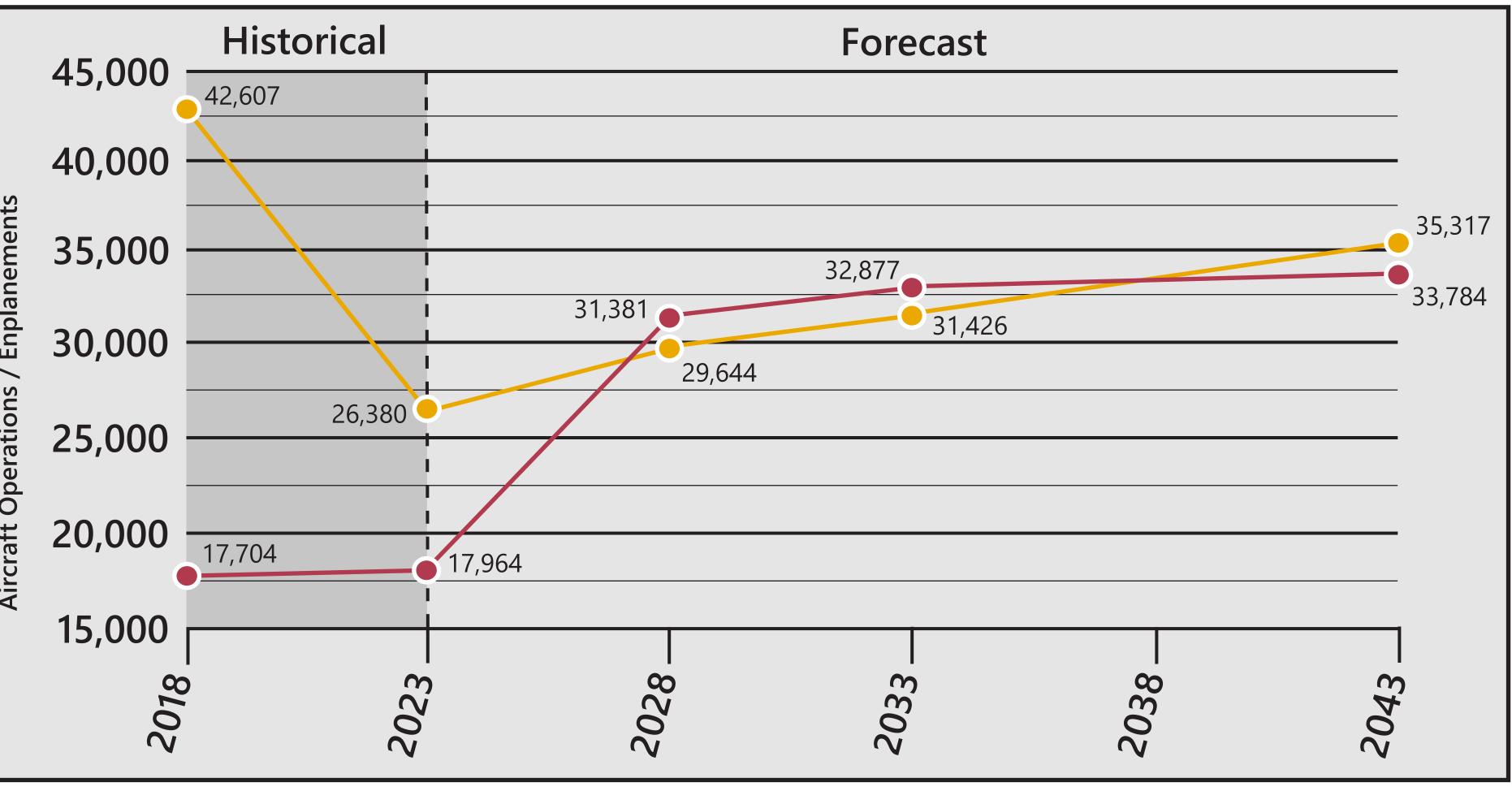
STUDY FOCUS AREAS



AVIATION DEMAND FORECAST

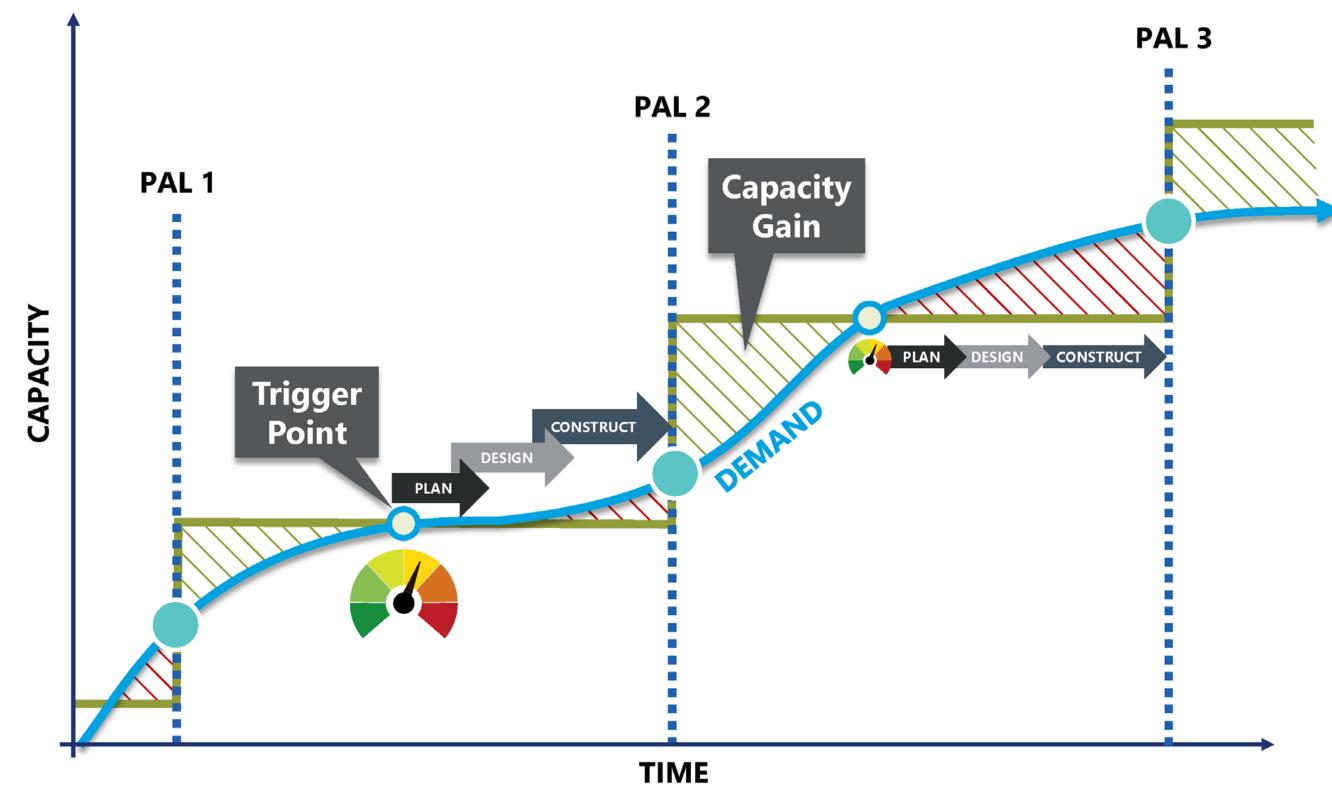
Aircraft Operations and Enplanements

Operations	Base Year (2023)	PAL 1 (2028)	PAL 2 (2033)	PAL 3 (2043)
Passenger	1,419	1,581	1,676	1,884
General Aviation	13,305	23,800	24,300	25,600
Air Taxi	1,421	2,200	2,300	2,500
Military	1,819	3,800	3,800	3,800
Total Operations	17,964	31,381	32,877	33,784
Enplanements	Base Year (2023)	PAL 1 (2028)	PAL 2 (2033)	PAL 3 (2043)
Total Enplanements	26,380	29,644	31,426	35,317



Planning at SUX defines levels of activity (PALs) triggering facility improvements rather than specific years.

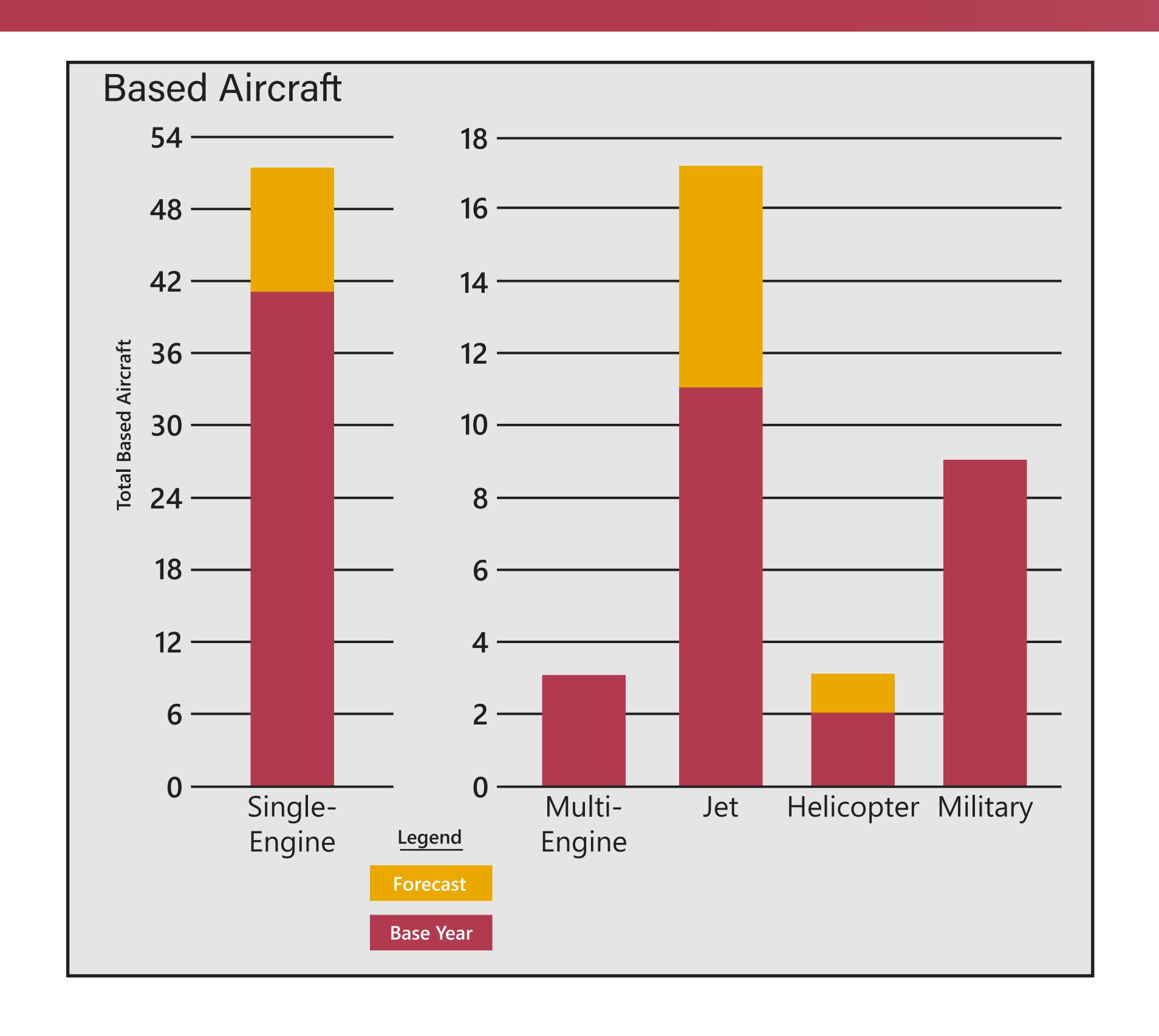
This helps ensure the plan is flexible and adaptable to accomodate everchanging circumstances.



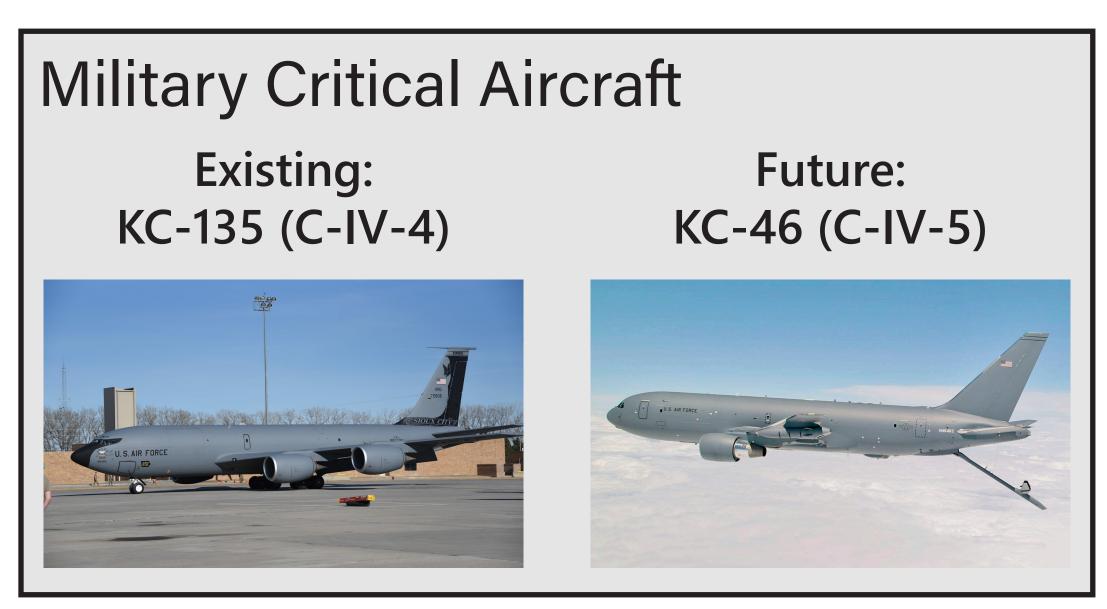




AVIATION DEMAND FORECAST











FACILITY REQUIREMENTS Sergeant Bluff, Interstate 29 lowa **Passenger Terminal Taxiway System** Landside Parking Standards Aircraft Parking and Storage **185th IANG Expansion** Runway Protection Zone **Support Facilities** Runway Protection Zone Twy Dy Runway 18-36 6,401' x 100' **Airport Land Use Crosswind Runway Standards** The Allson Ave **Primary Runway Length** and Design Standards Wiese Hill River Dakota City, Nebraska

FACILITY REQUIREMENTS

Military Needs

	<u>PAL 1</u>	<u>PAL 2</u>	<u>PAL 3</u>
Enplanements	29,644	■ 31,426	35,317
Operations	31,381	32,076	33,784
Based Aircraft	76	7 8	83
Airfield			
Runway Length			
Design Standards			
Taxiways			
Airspace and NAVAIDS		; ;	!
NAVAIDS			
Wind Cone and Segmented Circle		N/A	
Passenger Terminal		i :	
Terminal Building		N/A	
Terminal Apron		i N/A	
Terminal Landside Parking		N/A	
Support Facilities			!
Aircraft Maintenance		N/A	
ARFF			
Electrical Vault		N/A	
Fuel Farm		N/A	
Maintenance/SRE		l N/A	
Aircraft Parking		N/A	
Aircraft Storage		I N/A	
<u> </u>			

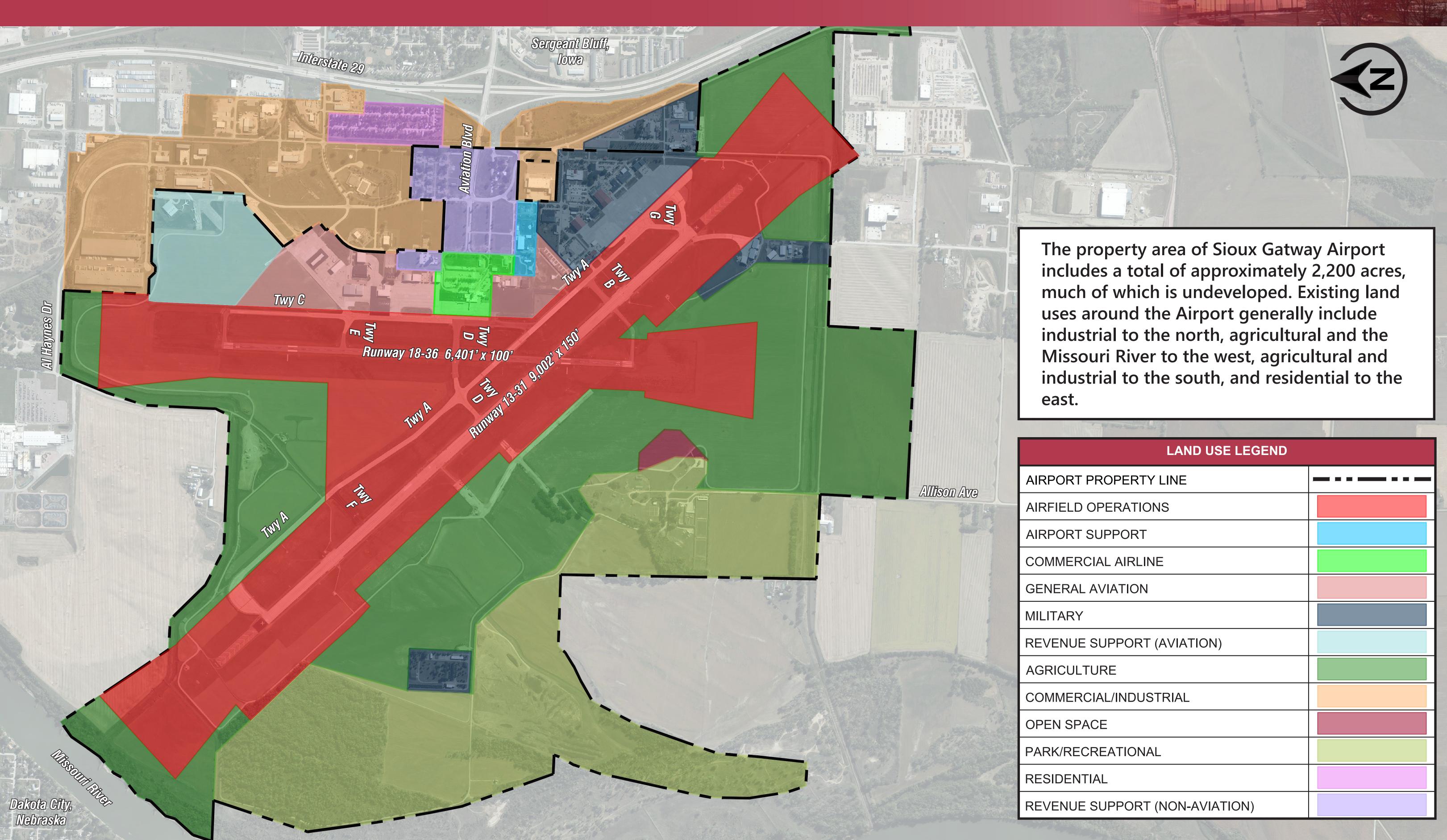
Civil Needs

	<u>PAL 1</u>	<u>PAL 2</u>	<u>PAL 3</u>
Enplanements	29,644	■ 31,426 I	35,317
Operations	31,381	32,076	33,784
Based Aircraft	76	78	83 I
Airfield Runway Length Design Standards Taxiways Airspace and NAVAIDS NAVAIDS Wind Cone and Segmented Circle Passenger Terminal Terminal Building Terminal Apron Terminal Landside Parking Support Facilities Aircraft Maintenance ARFF Electrical Vault			
Fuel Farm			
Maintenance/SRE			
Aircraft Parking			
<u>Aircraft Storage</u>			





AIRPORT LAND USE



FUTURE AVIATION TRENDS



MEAIS NEX

- » Documentation Phase
 - Generate and Evaluate Development Alternatives
 - Assess Financial Feasibility
 - Program Improvements in Practical Plan

- » Public Engagement
 - Open House #2: Fall 2024

We are here

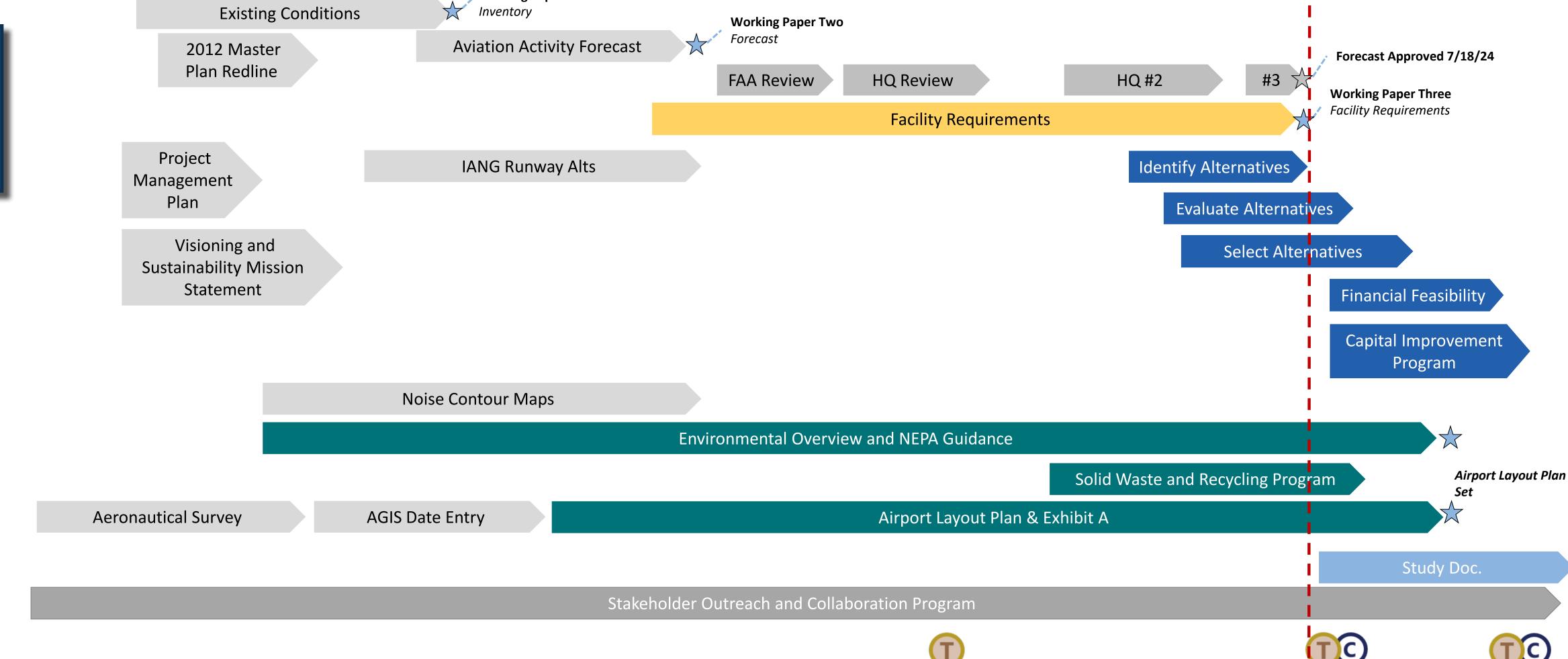
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Project Schedule

2023 2022 2024 **Investigation Phase Solutions and Implementation Phase Documentation Phase Pre-Planning Existing Conditions Working Paper Two Aviation Activity Forecast** 2012 Master Forecast Approved 7/18/24 Plan Redline HQ #2 **FAA Review HQ** Review **Working Paper Three** Facility Requirements

Do you have any concerns or comments that you would like to share? Scan the QR Code below to visit www.suxmasterplan.com.





A

Technical Advisory Committee

Local Government

(C)

Community



