



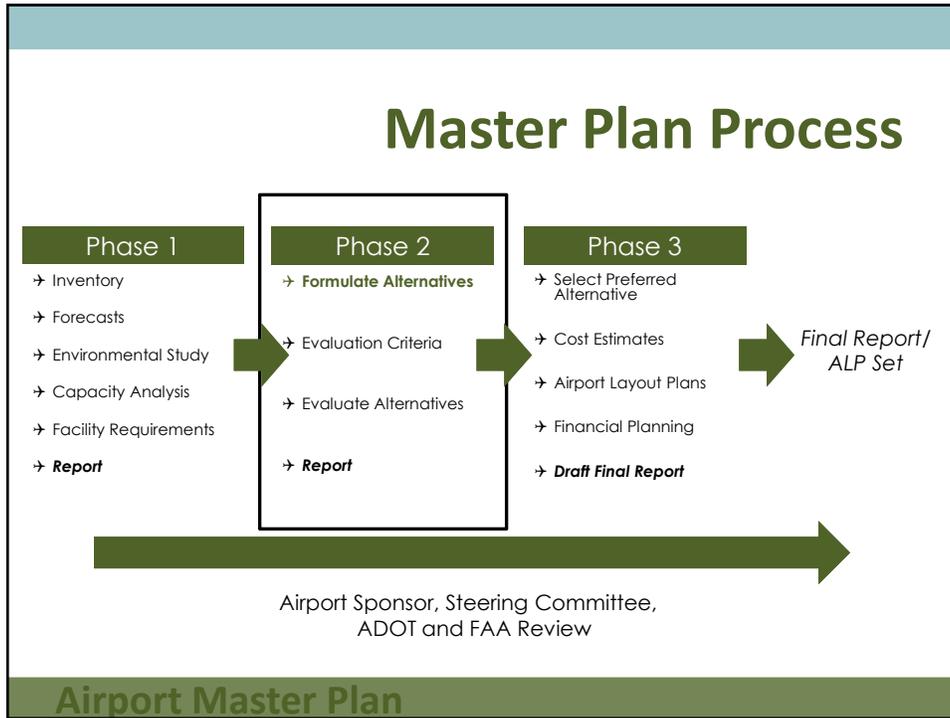
P I N A L • C O U N T Y
wide open opportunity

Airport Master Plan

Public Meeting #2
July 31, 2014

Agenda

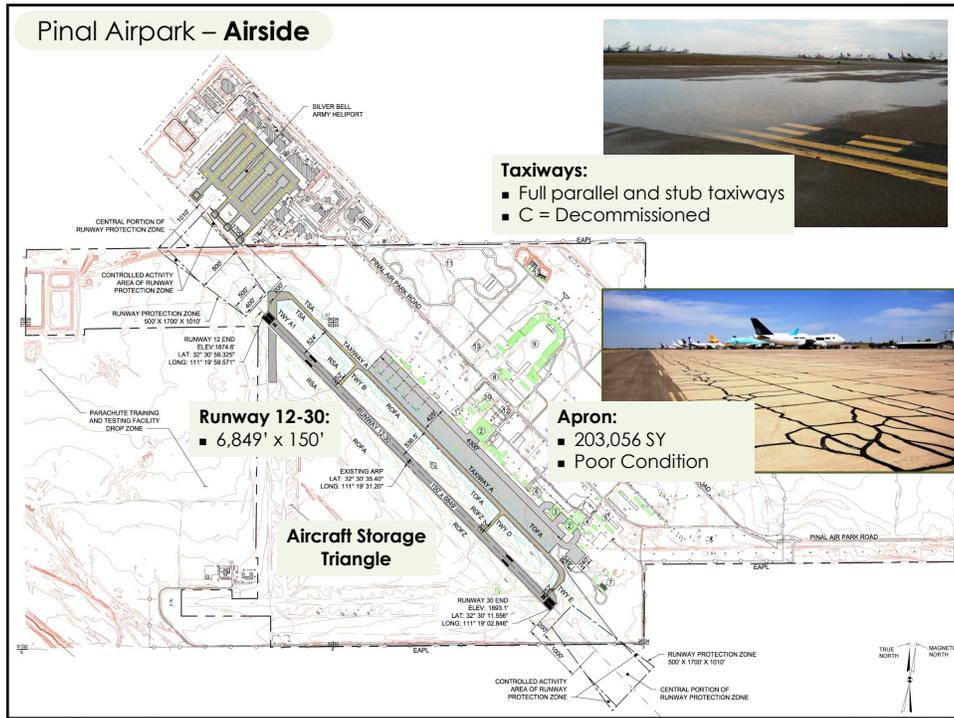
- Introductions
- Master Plan Process and Status
- Community Involvement Plan
- Summary of Existing Conditions and Needs
- Potential Alternatives Concepts
- Next Steps



Public Involvement Process

	Phase 1 Existing Conditions	Phase 2 Alternatives/ Analysis	Phase 3 Recommendation	FAA Approval	Design/Construction
Input we are looking for	Issues/ Needs	Ideas Benefits /Impacts	Project Ranking?		
Steering Committee Meetings	1	2	3		
Public Meetings	1	2			

Airport Master Plan

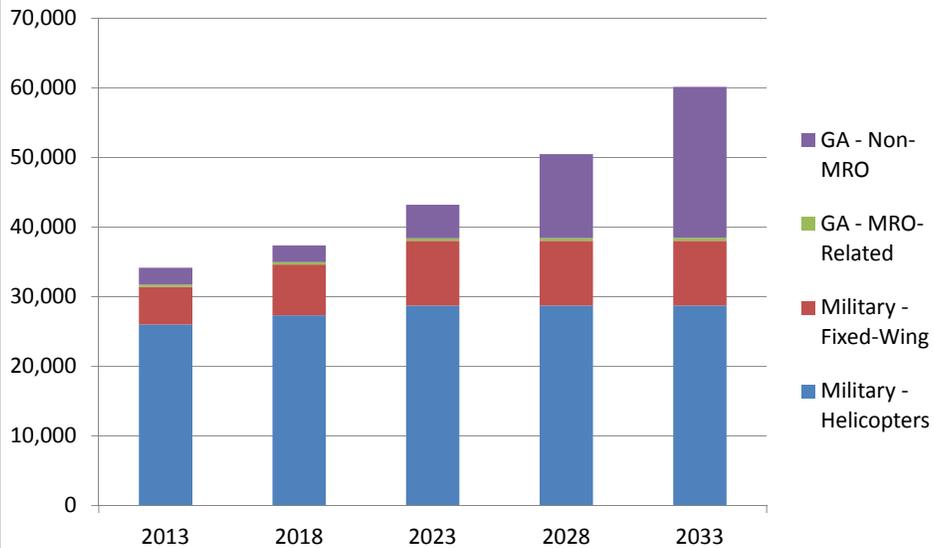


Forecast of Based Aircraft

Year	Single-Engine	Multi-Engine	Jets (Stored/MRO)
2013	1	3	144
2018	1	3	155
2023	2	4	167
2033	6	7	194

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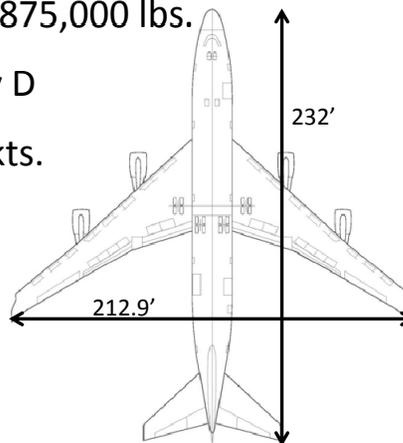
Operations Forecast



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Existing/Future Critical Aircraft Boeing 747-400

- Maximum Takeoff Weight: 875,000 lbs.
- Aircraft Approach Category D
 - ✓ Approach Speed = 157 kts.
- Airplane Design Group V



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Issues and Concerns

- Coexistence of entities
- Facilities
- Airfield pavement
- Lighting and Navigational Aids (NAVAIDs)
- Airspace
- No Instrument Approach Procedures
- FAA compliance
- Access/security

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Airside Requirements – Runway

- Reconstruction and strengthening
- Runway shoulders
- Runway length
- Address drainage
- Gain control of RPZs and Runway 30 RSA/ROFA or mitigate
- Mitigate on-airport obstructions
- Consider Instrument Approach Procedure

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Airside Requirements – Taxiway

- Address deteriorating condition
- Consider renaming
- Widen to 75 feet
- Correct drainage issues
- Grade safety area
- Relocate fencing out of TOFA



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Airside Requirements – Apron

- Reconstruct apron
- Delineate by use



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Airside Requirements – Lighting, Signage, Marking and NAVAIDs

- Runway End Identifier Lights
- Visual Glide Slope Indicators
- High Intensity Runway Lighting
- Medium Intensity Taxiway Lighting
- Relocate runway lighting

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Airside Requirements – Lighting, Signage, Marking and NAVAIDs

- Record/transmit AWOS data
- Replace wind cones
- Relocate segmented circle /wind cone
- Remark runway and taxiways
- Reposition signs/replace broken signs



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Landside Requirements

- Aircraft storage hangars
- Delineate areas by activity type
- Replace electrical vault
- Consider direct aircraft fueling
- Rehabilitate roadways/paved parking lots
- Perimeter road
- Additional access road
- Replace utility infrastructure

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Alternatives Discussion

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Alternatives Identification – Objectives

- Provide a safe aircraft operating environment
- Meet FAA design standards and requirements
- Accommodate existing and future users
- Enhance operational efficiency
- Minimize environmental impacts

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Potential Airside Alternatives Concepts

- No action
- Meet FAA design standards with no configuration changes
- Implement Instrument Approach Procedure
- Displace Runway 30 threshold
- Runway length

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Potential Landside Alternatives Concepts

- Delineation of activity types/uses
- Realignment of access road
- Future MRO or GA development area
- Additional space for storage and teardown

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Alternatives Evaluation Criteria

- Operational Performance
 - ✓ Capacity, capability, efficiency
- Best Planning Tenants
 - ✓ Conforms to best practices, meets planning guidelines, accommodates forecasted demand, etc.
- Environmental Implications
- Financial Feasibility
- Coexistence of users

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Next Steps

- Identification of Alternatives
- Evaluation of Alternatives
- Completion of Phase 2

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