May 20, 2010

NUT TREE

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Solano County

Nut Tree Airport

Master Plan *Public Meeting*

Public Comment Rules

- One speaker at a time
- Be concise
- Be respectful – don't talk while others are at the microphone and take conversations outside
- Speak directly into the microphone
- In the interest of time – one time at the microphone only
- Use comment cards for additional and follow-on comments

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Agenda

- **Self-Introductions by Work Group Members**
- **Review of Airport Planning Process**
- **Schedule/Timeline**
- **Presentation of Working Paper One**
  - Chapter A – Introduction and Visioning
  - Chapter B – Inventory of Existing Conditions
  - Chapter C – Forecasts of Aviation Activity
- **Questions, Comments, Discussion**
- **Adjournment**

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Consulting Team

⮕ **Barnard Dunkelberg & Company/**Denver, CO/Tulsa, OK

- **Peter Van Pelt**/Project Manager
- **Mark McFarland**/Consultant Coordinator
- **Ryan Hayes**/Lead Technical Planner

⮕ **Craig Communications/**Pinole, CA

- **Tracy Craig**/Outreach Coordinator
- **Marie Rainwater**/Facilitator

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Planning Process

➲ **Inventories**

➲ **Forecast of Aviation Activity**

➲ **Capacity & Facility Requirements Determination**

➲ **Alternatives and Conceptual Plan**

  ▪ Airfield

  ▪ Landside

➲ **Implementation Plan**

➲ **Financial Implementation Plan**
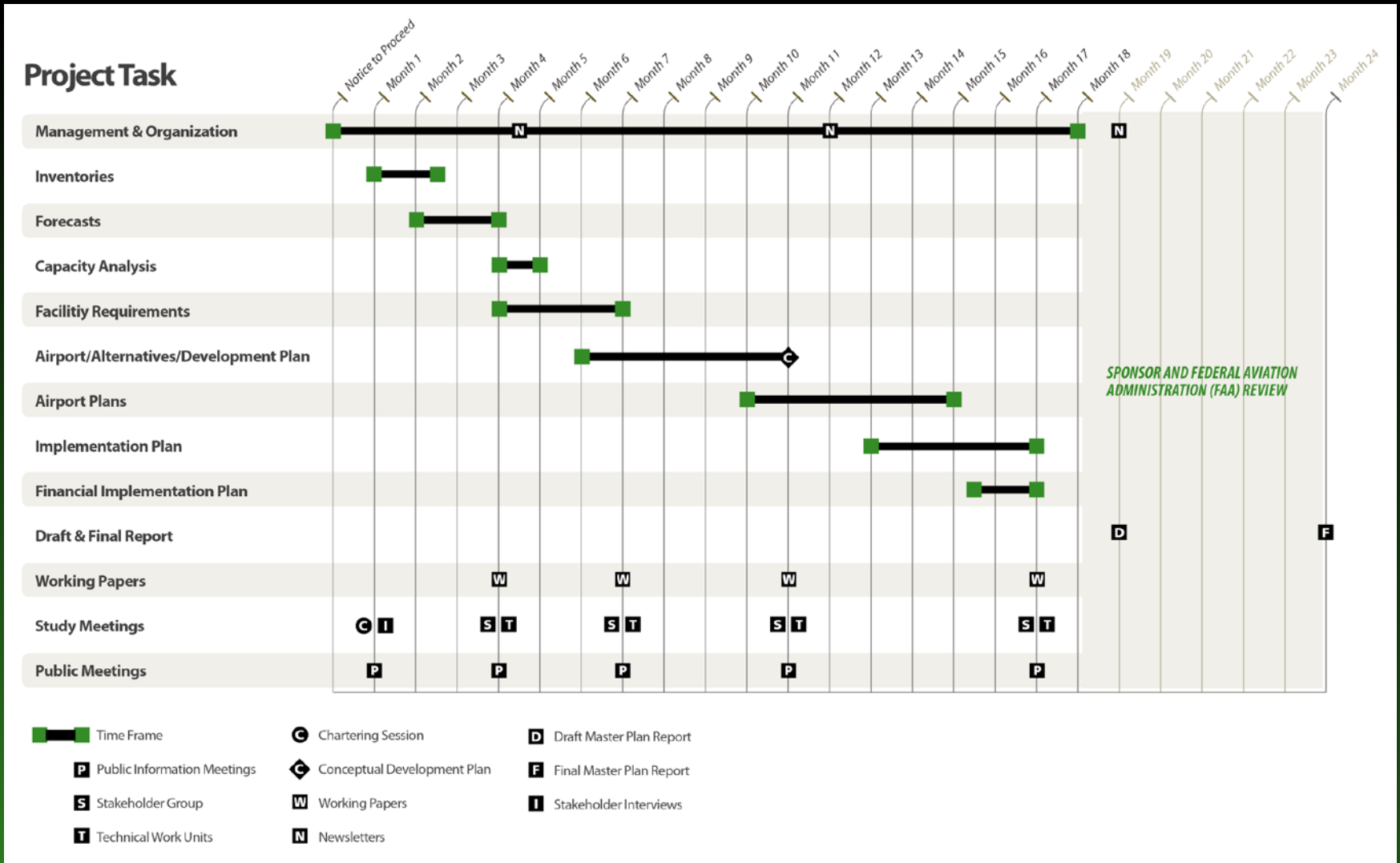
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Meeting/ Presentations

- Chartering Session
- Stakeholders Interviews
- Stakeholders Input Group Meetings (4)
- Public Information Meetings (4)
- Officials Briefing/Presentation of Recommendations
- Progress Meetings

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Project Schedule

Working Paper One (WP1)

⊃ Chapter A.
Introduction & Vision

⊃ Chapter B.
Inventory of Existing Conditions

⊃ Chapter C.
Aviation Activity Forecasts

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Chapter A. Introduction & Vision
Nut Tree Airport . . .

➲ **Expressed in Present Tense: *Desired End State***

- Is Strategically Located
- Is a Full-Service General Aviation Airport
- Is a Gateway to the Area
- Has a Storied History and is part of the Local Community
- Is Sustained by Supportive Intergovernmental Relationships
- Benefits from Consistent and Seamless On-Airport Property Development
- Is Compatible with and Valued by the Surrounding Community

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Chapter B. Inventory of Existing Conditions

- **Airside Facilities**

- **Landside Facilities**

- **Airspace and NAVAIDS**

- **Airport Environs and Land Use**

- **Environmental Conditions**

- **Financial**

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Existing Airport Facilities

FIGURE B3 Existing Airport Layout

AIRPORT MASTER PLAN
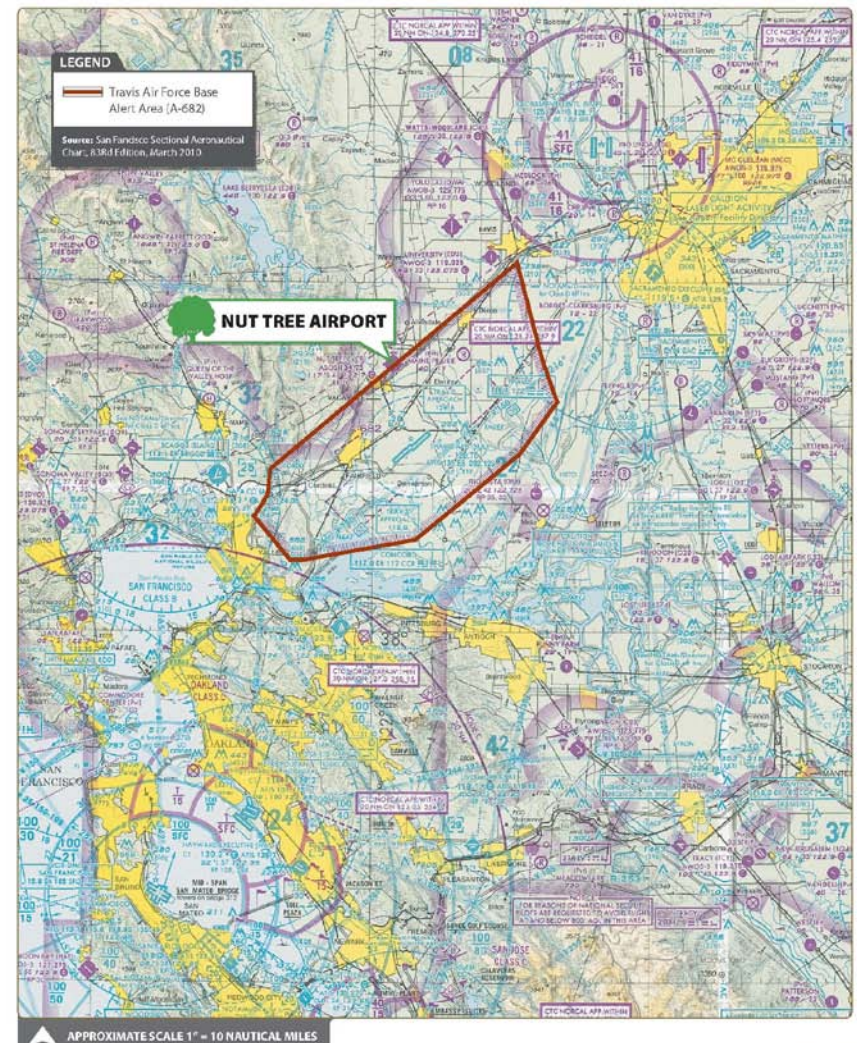
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Airspace and NAVAIDS

Airport Land Use Compatibility Zones

FIGURE B7 Airport Land Use Compatibility Zones

AIRPORT MASTER PLAN

2011 CNEL Noise Contours

FIGURE B8 2011 CNEL Noise Exposure Levels

Chapter C. Forecasts of Aviation Activity

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Summary of Aviation Activity Forecasts, 2009-2030

Operations	2009	2015	2020	2025	2030
Single Engine Piston	89,600	92,985	95,569	98,157	100,743
Multi-Engine Piston	4,800	5,122	5,406	5,706	6,023
Turbo-Prop	2,420	3,660	5,006	6,490	8,124
Business Jet	3,420	4,884	6,297	7,853	9,562
Helicopter	1,250	1,624	2,000	2,413	2,865
GA Operations	101,490	108,275	114,279	120,619	127,316
Military Operations	10	11	11	12	13
TOTAL OPERATIONS	**101,500**	**108,286**	**114,290**	**120,631**	**127,329**
Local Operations	40,000	41,149	42,287	43,427	44,565
Itinerant Operations	61,500	67,137	72,003	77,204	82,764
Based Aircraft by Type					
Single Engine Piston & Turbo-prop	179	205	212	219	227
Multi-Engine Piston & Turbo-prop	14	16	17	18	19
Jet	5	7	9	10	12
Helicopter	3	5	6	8	9
TOTAL BASED AIRCRAFT	**201**	**233**	**244**	**255**	**267**

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Forecast Conclusions and Considerations

- ➲ **Moderate Growth in Operations**

- ➲ **More Robust Growth in Based Aircraft**

- ➲ **Airside Capacity/Number of Runways**

- ➲ **Landside Facility Needs**

- ➲ **Design Aircraft**

- ➲ **Runway Length Analysis**

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Next Steps

➲ **Production of Working Paper Two**
  - Demand/Capacity Analysis
  - Facility Requirements Determination

➲ **Stakeholder Group & Public Information Meetings (mid-July)**

➲ **Discussion of Potential Meeting Dates/Times**

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Project Contact Information

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    Solano County, General Services Dept.
    301 County Airport Road Suite 205
    Vacaville, CA 95688

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  - AJSwanson@SolanoCounty.com

- **www.solanocounty.com\airportmasterplan**

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Setting the Tone for Community Dialogue

➲ **Provide Opportunities for Objective and Inclusive Input from the Public & Stakeholders of All Opinions**

➲ **Make the Planning Process Open & Transparent**

➲ **Provide Clear, Concise & Accurate Information**

➲ **Understand Local Issues**

➲ **Manage Community Expectations Regarding Scope of Study & Possible Results**

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