EXHIBIT A
2005 Airport Layout Plan and Report
for Trinity Center Airport
Trinity County, California
Scope of Work

INTRODUCTION

The objective is to update the airport layout plan ("ALP") and narrative report ("ALP Report"), as further described below for the Trinity Center Airport ("Airport"). The ALP Report shall include forecasts, critical aircraft, alternative development plans, capital improvement project costs and scheduling, land use, environmental issues, and such other elements as may be necessary for the update. Consultant shall prepare the ALP Report, including the ALP update, in accordance with Federal Aviation Administration (FAA) requirements, including Advisory Circular (AC) 150/5070-6B and AC 150/5300-13 (as amended), "Airport Design." Consultant shall produce all documents, reports, and drawings required for the ALP Report in accordance with FAA airport layout plan format and checklists. All documents, reports, and drawings Consultant is required to deliver are subject to approval by the FAA and Trinity County. Trinity County reserves the right to reject any or all documents, reports, drawings, or other deliverables.

Consultant shall revise as necessary all deliverables not accepted by the FAA. Consultant shall not be entitled to compensation for time spent on such revisions.

WORK TASKS AND PRODUCTS

Consultant shall perform the following services and provide the following deliverables while updating the ALP. The Consultant shall provide the deliverables for the airport to the FAA and Trinity County on or before November 1, 2006.

ELEMENT 1.0: DATA COLLECTION AND SITE ASSESSMENT FOR ALP REPORT

Consultant shall collect all necessary data and conduct an airport site assessment in accordance with and supported by the activities described in Element 1.0. The Consultant shall conduct a detailed site assessment and review of historical data to provide the basis for identifying existing airport conditions and determining future airport facility requirements for the airport. Consultant shall use existing planning documents to the greatest extent possible and conduct an on-site inventory to provide current and updated information for the ALP Report.

Task 1.1: Conduct Public Meeting

The Consultant shall conduct a meeting with local County officials, a local Planning Advisory Committee (the Planning Advisory Committee is a group of public and private citizens who are appointed by Trinity County), and members of the public to solicit ideas and gather data that will assist in determining the manner in which to proceed with the work required under this Scope of Work. The Consultant shall adequately advertise the meeting in order to allow the public to be advised of potential developments at the airport and have an opportunity to comment.

Task 1.2: Airfield Facilities

As part of Consultant's data collection and airport site assessment obligations required under Element 1.0, Consultant shall note and review previous ALP Reports and other available plans, drawings, specifications, etc. applicable to the airport. Consultant shall conduct a physical inventory of airport facilities and completely evaluate existing conditions at the airport. Consultant shall develop preliminary field studies for use in preparing detailed project cost estimates for future airport development and identification of obstructions to runway approaches and other critical FAR Part 77 imaginary surfaces for the runway.

Task 1.3: Review Existing Land Use Planning Criteria

The Consultant shall conduct an inventory of on-airport and off-airport land use. The Consultant shall evaluate land use within current airport boundaries based on existing and proposed development from previous airport planning documents. The Consultant shall conduct an inventory of existing and proposed land use in the immediate vicinity of the airport to provide a basis for further land use planning. This data will be compiled to support subsequent evaluation of land use issues and will be shown on the land use drawing. The Consultant shall recommend adoption of the ALP Report and ALP set as part of the jurisdiction's General Plan.

Task 1.4: Aviation Forecasts

(Aviation Forecasts is defined as the projected aviation activity, which includes historical, existing, and projected aviation activity.)

The Consultant shall compare the airport's twenty-year forecast and peaking characteristics developed in the most recent ALP Report with the most recent forecasts in the California Aviation System Plan, the FAA Aviation Forecast, Fiscal Years 2005-2012, airport-specific forecasts (as available) in the *National Plan of Integrated Airport Systems* (NPIAS), and FAA *Terminal Area Forecasts* (TAF). The

Consultant shall review and adjust for existing conditions based upon current activity at the airport. If Trinity County provides the Consultant with more current specific information, the forecast shall be updated by the Consultant to reflect current based aircraft and operations projected twenty years into the future. The critical aircraft, twenty-year forecast, and other appropriate data shall be used to evaluate future airport facility requirements. Consultant shall include the total operations, including a separate breakout of itinerant and local operations, based aircraft, and the mix of based aircraft and operations by aircraft type. At the conclusion of this part of the work, the Consultant shall issue a draft Aviation Forecast for review by all parties. The Consultant shall provide the draft Aviation Forecast to the FAA. The FAA must approve the draft report prior to the Consultant finalizing other tasks under this Contract. The Consultant shall incorporate this information in the ALP Report.

Task 1.5: Prepare Interim Summary

The Consultant shall prepare a draft summary that summarizes all relevant data and information obtained and prepared as a result of Consultant's work under Element 1.0. As part of this summary, Consultant shall use data from the most recent ALP Report and combine it with Consultant's current assessment of existing airport conditions. The Consultant shall incorporate this information in the ALP Report.

ELEMENT 2.0: ENVIRONMENTAL REVIEW SUMMARY

Consultant shall prepare an Environmental Review Summary ("ER Summary") in accordance with and supported by the activities described in Element 2.0. The Consultant shall prepare an environmental checklist for existing conditions at the airport, and shall follow any existing alternatives analysis or other airport development alternatives that Consultant recommends for Airport improvements. In conducting this review, Consultant shall examine existing environmental data and update applicable environmental items. Consultant shall prepare noise contours consistent with forecast operations and critical aircraft. Consultant will review environmental elements to determine whether there are impediments to recommended development of future Airport facility requirements for the Airport (such as wetlands, hazardous materials, protected fauna and flora) that might exist and shall include any recommendations for future environmental actions that may be necessary to permit recommended development.

Task 2.1: Review of Existing Environmental Data

The Consultant shall review any existing environmental data including environmental data in the existing ALP Review. If there are any items in the existing data that require further study or if there is no existing environmental data, Consultant shall perform such study or review Airport environmental data, as appropriate, in sufficient depth to determine whether potential environmental factors exist that could prohibit recommended development of future Airport facility requirements at the Airport. Consultant shall conduct sufficient analysis of existing data, and field inspections by environmental specialists will not be required to determine whether there are obvious environmental impediments to recommended future Airport facility requirements for Airport development. If such an environmental impediment is discovered, the Consultant shall immediately discuss it with Trinity County. The County will decide if further immediate study is required or if development plans should be changed. If construction of recommended development planned to occur within three years at the Airport is expected to require environmental approval in accordance with FAA Order 5050.4B, the Consultant shall note the need for an Environmental Assessment or other action in the ER Summary portion of the ALP Report. An Environmental Assessment (EA) is not a part of this project.

Task 2.2: Noise Contours

The Consultant shall prepare noise contours for the Airport following the selection of the preferred alternative by Trinity County. The noise contours will be prepared using forecast aircraft and operations. Consultant shall prepare the contours in sufficient detail to display off-Airport intrusion of the contours. Consultant shall prepare such contours in accordance with the Integrated Noise Model (latest version). Consultant shall locate the noise contours on the Airport Land Use Drawing.

Task 2.3: Environmental Review Summary

The Consultant shall prepare the ER Summary of the ALP Report and shall include in the ER Summary comment on finding of the existing ALP Report, current findings, and recommend future environmental studies that might be necessary at the Airport. The Consultant shall incorporate this information in the ALP Report Update.

ELEMENT 3.0 AIRPORT FACILITY REQUIREMENTS/DEVELOPMENT PLAN

Task 3.1: Establish Airport Planning Criteria

Consultant shall prepare an Airport facility requirements and development plan report for future Airport facility requirements ("Requirements and Development Plan Report") in accordance with and supported by the activities described in Element 3.0. The Consultant shall identify physical planning criteria for evaluating the adequacy of various Airport facilities to meet forecast demands.

The criteria shall include critical aircraft(s) (if necessary, by approach category, by wingspan, and/or by weight, for different Airport components) and the dimensional standards for safety, including runway length and strength, recommended separation between runways and taxiways, aircraft parking areas, hangars, and other facilities located on the Airport. In addition, the criteria shall include requirements to maintain navigable airspace, including approach and runway protection zones, safety areas, and other general physical area requirements. The draft Requirements and Development Plan Report shall include printouts from the FAA AC 150/5300-13 (as amended) Airport Design Software Version 4.2d for runway length, dimensional requirements, and declared distances. Identification of the appropriate design aircraft will provide the basis for determining proper Airport design standards as described in FAA AC 150/5300-13. The Consultant shall determine the appropriate Airport Reference Code (ARC) based on the critical aircraft approach category and design group.

Task 3.2: Identify Airport Facility Requirements

Using the results of the previous required reports of this Scope of Work, the Consultant shall determine twenty-year facility requirements for the Airport. Consultant shall compare these requirements with existing development plans for the Airport to determine specific areas requiring modification or revision. The updated Airport facility requirements' analysis will include, but is not limited to:

Runways and Taxiways
Lighting and Navigational Aids
Apron Requirements
Helicopter Facilities
Aircraft Hangars (T-Hangar and Conventional)
Airport Services and Support (FBO, fueling, etc.)
Airport Surface Access and Parking
Airport Utilities
Airport Fencing
Land Requirements
Other Items of Local Concern

Consultant shall develop these facility requirements in the form of gross areas and basic units to identify future development items needed to maintain adequate service, function, and operation of the Airport. Consultant shall include the support services requirements analysis including bulk aviation fuel storage requirements and FBO operational requirements. Consultant shall assess land needs and requirements, and shall assess land needs and list those needs in fee and easement acreage.

Task 3.3: Reevaluate Existing Development Recommendations

The Consultant shall review the existing ALP Report, determine its validity given current and projected conditions, and use the information as a primary reference in the current evaluation.

Task 3.4a: Propose Airport Development Alternatives

Based on the evaluations conducted in Task 3.3 and the updated facility requirements analysis, the Consultant shall prepare up to three (3) Airport development alternatives which may be hand drawn on the preliminary ALP drawing and are capable of adequately accommodating future demand requirements. A preliminary version of the updated Airport Layout Plan will be utilized by the Consultant to present Airport development options. The Consultant shall make recommendations for the preferred Airport alternative with only the preferred alternatives shown in the ALP Report; however, Consultant shall summarize other alternatives to indicate what had been considered. The Consultant shall inform Trinity County of any proposed Airport development, when that development is initially identified, that could significantly affect the roadway system in the vicinity.

Task 3.4b: Conduct Public Meeting

The Consultant shall present the alternatives, findings, and any pertinent information development obtained under Element 3.0 to a meeting of the local County officials, Planning Advisory Committee, and members of the public. The attendees of this meeting shall be able to review the alternatives, present ideas, solicit ides, and ask questions of the Consultant. This public meeting will allow the public the opportunity to comment on proposed developments to the Airport. (The Consultant will combine this trip with other Trinity County work to reduce budget expense.)

Task 3.5: Development Cost Estimates

Based on data collected in the Airport site assessment and data review included in Element 1.0 and the proposed Airport development alternatives developed in Task 3.4, the Consultant shall develop preliminary development cost estimates of the preferred alternatives. Subsequent to review of the preliminary alternatives and selection of a preferred alternative, Consultant shall consider and make additional refinement of the cost estimates as necessary. The cost estimates shall be of sufficient detail for Trinity County to plan financing for future improvement projects and the first five years of development. The Consultant shall list the estimates numerically in the County's descending order of priority.

Task 3.6: Prepare Facility Requirements/Development Chapter

Following the analysis conducted in earlier parts of the work required under this Scope of Work, the Consultant shall prepare a draft chapter to be included in the Draft ALP Report. In this chapter of the ALP Report, the Consultant shall define current and future Airport facility requirements and document proposed Airport development. Consultant shall summarize development in three stages, (0-5 years by priority, 6-10 years, and 11-20 years), and shall show corresponding cost estimates.

ELEMENT 4.0: AIRPORT LAYOUT PLAN AND REPORT

Consultant shall prepare the ALP set in accordance with FAA standards contained in Advisory Circular (AC) 150/5070-6B, AC 150/5300-13 (as amended), and the most current FAA Airport Layout Plan checklist. If there are conflicts between the two ACs, AC 150/5300-13 and the checklist will prevail. Consultant shall prepare the drawings required under Element 4.0 (collectively, "ALP Drawing set") using the items contained under each of the Airport Layout Plan drawing components as detailed in Appendix 7 of AC 150/5300-13 (as amended). Due to evolving FAA standards and the criteria for global positioning system (GPS) as it relates to airport planning, Consultant shall maintain close coordination with FAA and Trinity County regarding proposed instrument approaches or designated instrument runway(s). The Consultant shall develop the ALP using computer-aided drafting/design (CADD) technology (DXF AutoCAD) (Auto CAD 2005). The Consultant shall provide reproducible drawings and computer files at the conclusion of this project to those agencies described in Table 1 of Element 5.0. The ALP Drawing set shall consist of four parts. These are:

- Airport Layout Plan Drawing
- Airport Airspace Drawing*
- Runway Protection Zone (RPZ) Drawing*
- Land Use Drawing

* If scale permits, the Airspace and RPZ Drawings may be on the same sheet.

Task 4.1: Prepare Airport Layout Plan Drawing

The Consultant shall prepare ALP Drawing in accordance with the aforementioned references. It shall be prepared on a 24" x 36" sheet, as shall all drawings, with a scale determined by Airport size, using as large a scale as possible, but within the range of 1" = 200' to 1" = 600'. Consultant shall include within the required data information describing the existing conditions, future and ultimate Airport configuration, basic Airport needs, need for land acquisition and wind rose data based on available information. Consultant shall show terminal area needs on the ALP Drawing. Consultant shall identify all existing and proposed modifications to FAA design standards, and shall provide rationale for any proposed modifications. Consultant shall prepare a "Declared Distances" table. Consultant shall prepare the Airport Data and Runway Data tables and other data consistent and in accordance with the latest FAA Airport Layout Plan checklist.

Task 4.2: Prepare Airport Airspace Drawing

The Consultant shall prepare an Airport airspace drawing ("Airport Airspace Drawing") that depicts imaginary surfaces as defined in FAR Part 77 superimposed on an appropriate United States Geological Survey (USGS) 7.5 minute quadrangle map and shall identify objects and terrain that penetrate any of the surfaces, except those that are within the "Runway Protection Zone" area.

Task 4.3: Runway Protection Zone Drawing ("RPZ Drawing")

Consultant shall prepare an RPZ Drawing. If room permits, Consultant may include the RPZ Drawing on the Airport Airspace Drawing. Otherwise, Consultant shall prepare the RPZ Drawing as a separate drawing showing plan and profile views of the inner portions of approaches. If obstructions exist, Consultant shall include obstruction identification tables and shall include a plan for obstruction removal.

Task 4.4: Airport Land Use Drawing

The Consultant shall prepare an ALP land use plan ("ALP Land Use Plan Drawing") corresponding to the ALP Drawing. The ALP Land Use Plan Drawing will show land use on the Airport and areas normally associated with runway approaches which are affected by Airport noise or limitations defined by FAR Part 77. Within the Airport boundaries, Consultant shall include in the ALP Land Use Drawing the ALP Drawing showing existing and future space utilization for facilities shown on the ALP Drawing. As part of the ALP Land Use Plan Drawing, off-Airport land use plans prepared by Consultant as part of the ALP Drawing shall show existing and proposed future land uses and zoning in areas affected by the Airport. These off-Airport plans shall be closely coordinated with other comprehensive plans or local studies, with the objective of developing recommendations which are acceptable to local jurisdictions for planning and zoning. Consultant shall include noise contours on this ALP Land Use Plan Drawing.

Task 4.5: Prepare Draft Airport Layout Plan Drawing Set

Upon completion of individual drawings required under Tasks 4.1 through 4.4, the Consultant shall prepare a draft ALP Drawing set for Trinity County and Planning Advisory Committee review. Prior to submitting the draft ALP Drawing set to the FAA for checklist review, the Consultant shall make revisions to the ALP Drawing set based on Trinity County and Planning Advisory Committee comments. Consultant shall include a completed ALP checklist with the draft ALP Drawing set when it is submitted to Trinity County for review.

Task 4.6: Produce Draft ALP Report

The Consultant shall present findings, conclusions, and recommendations from the data collection and review facility requirements and Airport development study tasks in the draft ALP Report. Consultant shall include in the draft ALP Report printouts from Version 4.2d of the FAA Airport Design computer program. The working drafts developed under this Scope of Work shall be included as part of the draft ALP Report. Consultant shall submit a copy of the draft ALP Report and draft ALP Drawing set with a completed FAA ALP Checklist to FAA and Trinity County review. The documents and drawings must fully meet the criteria stated in the FAA checklist. The Consultant shall incorporate comments and revisions suggested by Trinity County, the Planning Advisory Committee, the FAA, and the general public into the final ALP Report. The Consultant shall produce and distribute copies of the draft ALP Report in accordance with Table 1 of Element 5.0.

Task 4.7: Conduct Public Meeting

If a public meeting is determined necessary by Trinity County, the Consultant shall present the draft ALP Report and draft ALP Drawing set at the meeting. This meeting, consisting of the local County officials, Planning Advisory Committee, and members of the public, will be allowed to view the selected alternative and proposed development recommendations. When the draft ALP Report and draft ALP Drawing set are completed and have been reviewed by the Planning Advisory Committee, the FAA, and Trinity County, the Consultant shall present the draft ALP Report and the draft ALP Drawing set at a public meeting adequately advertised by the Consultant to give the public the opportunity to comment on proposed developments to the Airport. (The Consultant will combine this trip with other Trinity County work to reduce budget expense.)

Task 4.8: Produce Final Airport Layout Plan Report and Drawings

Following formal review of the draft ALP Report and draft ALP Drawing set by the Planning Advisory Committee, Trinity County, the FAA, and receiving comments from the Planning Advisory Committee and the general public, the Consultant shall make final revisions prior to delivery of the final ALP Report and final ALP Drawing set to Trinity County. Consultant shall be responsible for delivery of the final ALP Report and final ALP Drawing set to Trinity County and the FAA.

ELEMENT 5.0: PREPARATION, PRINTING, AND DISTRIBUTION OF COPIES

This element involves the preparation, printing, and distribution of all reports and drawings required under this Scope of Work.

Task 5.1: Preparation

Consultant shall revise, as appropriate, data developed for the draft ALP Report for the chapters of the final ALP Report. Consultant shall include in the final Airport Layout Plan, in a reduced format, all of the drawings developed in the ALP Report portion of the Consultant's work, with supporting narrative. Consultant shall make a specific effort to explain the assumptions and methodologies used in preparation of the plans that will assist in review and implementation of the plans.

Task 5.2: Printing

Consultant shall print the amount of draft and final ALP Drawing sets and draft ALP Reports as indicated in Table 1. Consultant shall photocopy and bind with covers the draft ALP Report prepared under this Scope of Work. Consultant shall provide to Trinity County a camera-ready copy of the final ALP Report using a final-document-quality method, with covers and dividers. Consultant shall submit covers to Trinity County for review and approval prior to printing. Consultant shall include in the draft and final ALP Report the following disclaimer, as required by FAA regulation:

"The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration (Project Number) as provided under Title 49, United States Code, section 47104. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this report by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted therein, nor does it indicate that the proposed development is environmentally acceptable in accordance with appropriate public laws."

Task 5.3: Distribution of Documents

The Consultant shall prepare and distribute the ALP Report and ALP Drawing sets in the quantities shown in the following Table 1. The Consultant shall provide an FAA Airport Layout Plan Checklist to Trinity County upon delivery of the draft final and final Airport Layout Plan documents.

TABLE 1

Distribution of Reports and Drawings For
2005 Airport Layout Plan Project – Trinity Center Airport

	Trinity County	FAA	Consultant	Total (minimum)
Draft Reports	15	1	2	18
Draft ALP Report	15*	1	2	18
Draft ALP Drawing Set	3	5	2	10
Final ALP Report	25	2	2	29
Final ALP Drawing Set	3**	5	2	10

* Includes copies for Trinity County to provide to the public for review.

** Includes one reproducible (mylar) set for Trinity County and one reproducible (mylar) set for FAA.

The Consultant shall also provide all documents and drawings to Trinity County in an electronic media compatible with Trinity County computer system (MS Word/Excel 97, AutoCAD 2005). The Consultant shall also provide all documents and drawings to the FAA and Trinity County in an electronic media as determined by the FAA and Trinity County.