AVIA 214 – Airport Management and Operations (AMO)

Class Assignment # 3 – Case Study
Survey and Assessment of General Aviation (GA) Airports in the State of Washington

DUE DATE – MAY 12, 2010

Assignment
Survey the airports in one county in the State of Washington. Gather and analyze data on all the General Aviation (GA) airports within the county. Focus on the circumstances and conditions affecting General Aviation within the County with regard to General Aviation (GA) Airports and produce an oral report with PowerPoint and PowerPoint Notes, to summarize what you learned.

Read this assignment thoroughly several times before you start work. Then, plan carefully, work efficiently and work together cooperatively to complete this assignment. You will do well completing this assignment if you do all four steps (the first step is reading thoroughly).

Framework of the Assignment
The purpose of your case study is to focus on how a GA Airport fits into a local community and becoming aware of the various forces affecting the nature and future of GA airports. By studying several airports and comparing the situations of all the airports individually and then together, you will develop a broader perspective of the many factors shaping the GA industry and the future of GA airports.

The number of airports supporting General Aviation in the US has decreased steadily since a high point following World War II and the Korean War (the time when the number of government trained aviators peaked). General Aviation came to the fore technologically and economically in an extended period of expansion from about 1945 through 1970. However, over the past four decades the number airports (which are the basis of general aviation in the US), has decreased steadily. The purpose of your study is to understand these numerous factors more clearly to understand how these factors are causing the loss of GA airports at some locations while other GA airports at other locations are surviving and thriving.

Report Submission Requirements
Provide an electronic copy of the Oral Report using the criteria below and on the next page.

Oral Report Notes
- Provide sufficient PowerPoint presentation materials (text, graphics, photos, etc) to fully support your oral presentation.
- Along with your PowerPoint presentation, you may include other materials such as handouts, graphics, video clips, charts, and etc. that you feel will make your oral presentation more effective and a more meaningful learning experience.
- If you use materials in addition to the PowerPoint presentation, consult with the Instructor and discuss how you will use those materials prior to your presentation to determine how these materials will aid in your presentation.

See next page for Oral Report Specific items you must cover
Oral Report
This Oral Report is for presentation to the class (all teams will present, if we “run out of class time” the teams will present to me during non-class hours, along with anyone else who may want to)

1. Oral report must include a PowerPoint (PPT) presentation
2. Team must include notes for each Power Point presentation slide
   a. Notes must comply with Writing Instructions you received in week 1.

The Oral Report must cover these topics
1. A brief history of aviation development within the County
2. The total number of airports in the County where GA aircraft operate.
3. Of all the airports, select three representative airports, and provide (for each of the airports you selected) the following information using PPT Slides and Notes for each slide
   a. A photo or graphic depiction of each airport (Google Earth or similar image will suffice)
   b. Basic Airport information including
      i. Location, Identifier, Runways, and a very brief description of each airport
      ii. Who or what entity is responsible for managing the airport
         1. To whom does this person or entity report for Administration, Policy and Funding
      iii. Information on the economic impact of each airport to the local community
      iv. Primary users – Businesses, etc, at each airport
         1. Brief description of each business
   c. Constituencies involved with the airport
      i. Players – who has power to make changes and what are those entities likely to do
      ii. Supporters – Who supports the Airport and would like to see the airport remain and sustain
      iii. Opposition - Who opposes the Airport and would like to see the airport space closed or used for some other purpose

All Team Members must participate in the Oral Report (one member may be the “non-speaking” report member who will “drive the PowerPoint”

The Wikipedia list of Counties in Washington will provide locations of each County


Teams from previous classes have surveyed several Washington Counties, therefore these counties will not be part of the county list. Some counties have sparse populations, so you may want to survey two adjoining counties in order to have more depth to your report. In that case, you may earn extra credit for doing the additional work to survey two adjoining counties, provided the work is of high quality. The List of Counties is below.

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<th>Adams</th>
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