

Project Plan Report

IPRO Team 335 Fall 2004

Revised Objectives:

The concept of the airport has been changed to the "Airport of the Future." A new type of airport with possible expansions in the future. The main objective of our design is focused on the terminal and the runway. The design (structural and architectural) of the control tower and other airport facilities will be considered as time permits.

Summary of Actual Results to Date:

Results completed so far:

- 1) Developed the architectural design and select the structure types
- 2) Structural analysis
- 3) HVAC design
- 4) Plumbing design
- 5) Runway design/orientation

Data gathered:

- 1) Type of window
- 2) Weather information
- 3) Structural data (material, spider-connections)

The design is being modified and improved every week. Therefore, each and every aspect will be modified as necessary until the end of the semester.

Updated Individual Assignments and Team Organization:

The individual responsibilities for the remainder of the semester are:

John Doles: Structural analysis and design, foundation design, and site/civil engineering design

Dan Rehberg: HVAC and plumbing design

Janet Martinez: HVAC and plumbing design

Hana Ishikawa: Architectural design and overall layout design

Mihdi Vahedi: Lighting and acoustic design, and website

Raquib Pramanik: Structural analysis, acoustic issues and design, and website

Barriers and Obstacles:

The main obstacles at the moment are HVAC, plumbing, lighting, and acoustical issues.

The design will be modified accordingly.