Interactive Airport Layout Plan (iALP) System

The iALP helps manage and coordinate development projects for airports and checks proposed development against FAA safety criteria including airspace (Part 77, TERPS, OEI, threshold siting, AC 5300-13, etc.), noise and other criteria prior to FAA review. It also has an automated FAA review tracking tool to easily and quickly coordinate development projects with the FAA. The Three-Dimensional Airspace Analysis Programs (3DAAP) now resides in this system.

http://ialp.airplanonline.com/StandardIALP/

User: demo
Password: demo

This document is just an overview of the iALP. Extensive functionality and process exists and is taught to the user through an in-depth training session.

Once logged into the iALP the following screen will be displayed.
On the top menu there will be a pull down menu that will allow you to select the airport you are interested in. Across the top left are application control tabs that direct the user access to each application.

Starting from the bottom of the tabs, the “ADMIN” provides permission setup for approved users to administer and create users with level of responsibilities as shown below.

Most of the setup is self explanatory with the following additional explanations.

**Account Status**

“Supervisor”

This level user has complete capabilities of the system and can setup users.

“Technician”
This level user has complete capability but cannot setup users.

“View Only”
This level user has no capabilities but can view data.

The checkbox that identifies “Can Submit to 3DAAP” can be assigned to a user which will allow them to submit projects to the FAA Orlando ADO.

The checkbox identified by “Guest User” can be assigned to users outside the airport sponsor’s environment (major tenants, consultants) that give them most capabilities and the ability to setup their projects without seeing the airport’s projects.

Create New User

- First Name
- Last Name
- Login
- Password
- Confirm Password
- Email
- Account Status
- Can Submit to 3DAAP
- Guest User
- Airports Accessed
- McCarran International

[Create User] [Start Over]

The “LIBRARY” tab is an application that will allow the user to share and view files with other users. Upon the selection of the library tab the following screen appears.

The user can click on the white space of the right hand panel then right click the mouse to get the functions to create folder and upload files.
The right panel of the home page under the “NASR” folder is data that is downloaded directly from the FAA’s database for airports and is displayed below.

The “AIRPORT” tab is a database of Master Planning and ALP non-graphical data that can be populated and stored for an airport. The fields are self explanatory and are related to Runway, Taxiway, Structures, Modifications to Standards (MODS) and Obstruction data the airport may want to populate and maintain. An example screen for the Runway data is shown below.

The “MAP” tab is the graphical mapping portion of the iALP system that allows the user to view graphical and non-graphical (attribution) airport and Airports GIS data and perform planning...
tasks. The left portion of the tools under the “Layers” heading allows the user to pick features and information that can be displayed within the map window. This is shown below.

The right portion of the screen allows the user to perform planning tasks as shown below.
The “Projects” folder is a tool that allows the user to setup projects, analyze them and ultimately submit them to the FAA’s OE/AAA for review and approval as shown on the following screens. The folders are broken up by project classifications.

“NRA”
Non Rulemaking Action (NRA) - projects that are on-airport (ALP) projects that are submitted to the FAA Orlando ADO.

“OE”
Obstruction Evaluation (OE) - projects that are off-airport and submitted by non-airport sponsors directly to FAA Air Traffic.

“Local”
Local - projects that are on or off-airport that are not currently being submitted to the FAA.