

Airport Emergency Response Guidebook

Aviation Office Project Manager: David Roberts

Consulting Firms (Prime and Sub-consultant, if applicable): Kimley-Horn

Start Date: May 12, 2010

Completion Date: September 17, 2011

Project Description:

The first part of the project focuses on development of a guide for airport managers, designed to assist them in creating an emergency response plan for their facility.

The second part of this project includes development of a guidebook and package of materials for use in educating, informing and training individuals who are involved with emergency response to incidents at Florida airports and where aviation incidents occur outside of airports. These materials will be intended to provide a valuable resource to emergency responders who generally do not have a background in airport operations or aviation.

Current Status (as of July 15, 2010):

Phase I is underway, and includes gathering data to identify types of aviation emergencies that occur on and off airport property, identifying agencies involved in various emergency response activities, identifying various types of specialized equipment specific to aviation emergencies and developing a basic aircraft guide with diagrams that include; location of fuel tanks, fuel lines, batteries, seating, number of potential passengers, number and location of crew, emergency exits, etc. The Guidebook Informational Brochure will be completed by January 2011, with the Final Airport Emergency Response Guidebook completed by May 2011.

Attachments

- No files are attached to this Project

Airport Compatible Land Use Study

Aviation Office Project Manager: Sergey Kireyev

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates / ESA / Ivey Planning Group / deHaven-Smith Assoc. / PTI-Panther

Start Date: April 18, 2007

Completion Date: February 28, 2011

Project Description:

The Airport Compatible Land Use Study was undertaken by the Florida Department of Transportation, in cooperation with the Florida Department of Community Affairs, and the Florida Airports Council. A Working Group was established that was comprised of some 29 professionals representing state and local government agencies, airport operators, military installations, and public and private associations having direct interests in land development in the vicinity of airports. Three Working Group meetings were held with facilitated discussion to develop common understanding of some of the challenges that arise when airports, aircraft operators, land developers, and the general public compete to achieve their respective goals. A list of recommendations was developed by the Working Group members.

Current Status (as of August 31, 2010):

In March of 2010, the Aviation Office completed the process of putting together a new Florida Airport Compatible Land Use Guidebook. The resulting product promotes airport land use compatibility and airspace protection in the State of Florida by focusing on the following: 1) Calling attention to existing statutory requirements related to airspace protection and airport land use compatibility; 2) Clarification of existing statutory requirements on airport protection zoning, and guidance on their implementation in local communities; 3) Clarification of standards and principles underlying the airport protection zoning requirements; 4) Proposal of methods available to discourage encroachment of incompatible land uses upon aviation facilities.

Although the guidebook is intended to be a document accessible to a wide audience, the laws, regulations, and guidelines governing airspace and airport protection zoning in Florida are complex. With that in mind, the Aviation Office has put together training, educational, and presentation materials on the use of the Airport Compatible Land Use Guidebook. Those materials are being used in a number of educational outreach efforts conducted between May and December of 2010, such as conference presentations, workshops, and 4 webinars, with the intent of training interested potential guidebook users. Feedback received at those presentations that already have been held has been very positive. The list and schedule of events will be published on the Aviation Office Website at the time that it becomes final. The guidebook, which was updated Aug. 2010 & other pertinent publications are readily available on the FDOT Aviation website listed under 'Resources' tab, Publications - Florida.

Attachments

- No files are attached to this Project

Airport Stormwater Pond Modeling Study

Aviation Office Project Manager: Abdul Hatim

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates

Start Date: September 30, 2009

Completion Date: December 31, 2010

Project Description:

The Statewide Airport Stormwater Study is finished. The Florida Statewide Airport Stormwater Best Management Practice (BMP) was finalized in 2005. Currently, FDEP is considering draft language for General Permit for airports by incorporating the BMP into new Rule 62-347 FAC with a placeholder for an FAA designed wet detention pond. The BMP is currently being rewritten for consistency with the new general permit for airport airside expected in January 2011. A task order has been issued to provide detailed training for the regulators and airport consultants in March 2011, to ensure that the BMP and the Annual permit are used properly. Some airports may need wet detention ponds for airside stormwater management due to site specific water table and soil conditions. The FAA recommends wet detention pond design criteria with steep side slopes that presumably will not attract wild life. An FAA designed pond was never built and tested for State water quality standards.

Current Status (as of September 2, 2010):

Recently, the FAA approved funding for a project to address water quality on an FAA designed pond. The project started in Oct 2009 and is expected to be completed by December 31, 2010. A project kickoff meeting with the team of consultants and stakeholders (FDEP and Water Management Districts) was held on October 27, 2009 at the University of Florida in Gainesville. This project is making steady progress.

Attachments

- No files are attached to this Project

Florida Aviation Database / JACIP Update

Aviation Office Project Manager: Andy Keith

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Assoc. / Panther International

Start Date: October 27, 2008

Completion Date: August 30, 2010

Project Description:

The Florida Aviation Database (FAD) has been completely redesigned to incorporate all of the previous applications and databases into an efficient and powerful unified data system. The software is continuously being tweaked and refined. An airport person should still have access to the FAD as before with the same User ID and password. Consultants that work for an airport need to have the airport/sponsor manager request access for them. The FDOT Aviation Office has a list of who currently has access for each airport and will be checking with each airport manager as to who should still have access. The FAD is now where airports, sponsors, the FAA, and the FDOT check and update information on each airport, so it is understandably restricted.

Current Status (as of August 30, 2010):

During this next phase, a publicly accessible version of the Website is being developed, an emergency management capability is being added, and enhancements to the JACIP are being addressed.

Attachments

- No files are attached to this Project

Statewide Aviation Pavement Management Program

Aviation Office Project Manager: Vu Trinh

Consulting Firms (Prime and Sub-consultant, if applicable): Kimley-Horn Associates

Start Date: July 1, 2010

Completion Date: June 30, 2011

Project Description:

In order to assist Florida's Public airports comply with FAA requirements with regard to daily, monthly and annual pavement inspections and to assist them conduct basic repair on the pavement at their airports, the Aviation Office is conducting pavement inspection training. The goal of this training is to provide for a consistent statewide level of standards for inspection and repair of airfield pavement and to comply with FAA reporting requirements.

Current Status (as of July 27, 2010):

Due to a tremendous demand from airports around the state, the Aviation Office may provide an additional training course on Airfield Pavement Inspection and Basic Distress Repair in Tallahassee at the Tallahassee Regional Airport, August 12-13, 2010. The goal of this training is to help those who registered for the training courses earlier but did not attend due to their certain conflicts or those who were recently hired by the airports. Currently over 20 people have registered for the course. The deadline to register for this course is August 5th, 2010. Regarding the next round of our statewide airfield inspection, the FDOT Central Aviation Office is in the process of finalizing all the tasks that are needed to initiate our Statewide Pavement Management Program. Financially, we are working to have all the paperwork appropriately done so that we can start to work the program. Technically, our Statewide Airport Engineering Manager, Vu Trinh, is coordinating with the consultants that are involved with the program to have all of the tasks done. We anticipate that the actual statewide airfield pavement inspection will take place during the month of August, 2010.

Attachments

- No files are attached to this Project

Airport Master Plan Guidebook - Completed April 30, 2010

Aviation Office Project Manager: Abdul Hatim

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates

Start Date: May 26, 2009

Completion Date: April 30, 2010

Project Description:

This project is to review, develop and update the Airport Master Plan Guidelines used by the Florida Department of Transportation Aviation Office.

Current Status (as of May 10, 2010):

This project was completed on April 30, 2010. The FDOT Guidebook for Airport Master Planning is posted on the FDOT Aviation Office website. Electronic copies (CD's) are available for distribution to the Airport Managers and Airport Planning Consultants.

Attachments

- No files are attached to this Project

Statewide Aviation Economic Impact Study - Completed March 5, 2010

Aviation Office Project Manager: Abdul Hatim

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates, Inc.

Start Date: December 1, 2008

Completion Date: March 31, 2010

Project Description:

This project developed an overall aviation economic impact for the State of Florida, but includes economic impact by commercial, GA, cargo and military aviations in FL. It will also provide the economic impact each of the 121 public-use airports has on the area or region in which they are located.

Current Status (as of May 6, 2010):

This project is complete. The consultant has provided final deliverables. Documents have been distributed to all the public-use airports that participated in the study. Electronic versions of all documents are readily available on the FDOT Aviation website listed as "Economic Impact Data" under the "General Info" pulldown.

Attachments

- No files are attached to this Project

Statewide and Regional Overviews - Completed February 28, 2010

Aviation Office Project Manager: Andy Keith

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates, Inc.

Start Date: August 10, 2009

Completion Date: February 28, 2010

Project Description:

The purpose of this project is to update the Regional and Statewide Overviews that were developed to support the Florida Aviation System Plan (FASP) 2025.

Current Status (as of May 6, 2010):

The Statewide & Regional Overview documents are printed and were handed out during the CFASPP Round that started February 16, 2010. A limited number of hard copies of the Overviews are available for distribution by contacting the Aviation Office. Electronic copies of all Overviews are available for download on the CFASPP Website on the FASP page.

Attachments

- No files are attached to this Project

2010 SIS Plan Update

Aviation Office Project Manager: Andy Keith

Consulting Firms (Prime and Sub-consultant, if applicable):

Start Date:

Completion Date:

Project Description:

The Florida Department of Transportation is currently in the middle of an update to the Strategic Intermodal System (SIS) Plan. A copy of the presentation given by Mr. Bill Ashbaker at the CFASPP Statewide Meeting on 4/16/2009 highlighting the current status, goals and objectives of the Strategic Intermodal System (SIS) Plan is attached below.

Current Status (as of May 10, 2010):

Additional information on the project is available at www.sisupdate.org

Attachments

- No files are attached to this Project

UNICOM Frequency Expansion Project - Completed Nov 7, 2008

Aviation Office Project Manager: Andy Keith

Consulting Firms (Prime and Sub-consultant, if applicable): None

Start Date: June 2005

Completion Date: November 7, 2008

Project Description:

In June 2005, the North Central CFASPP Steering Committee expressed concern that UNICOM frequency congestion was becoming a major safety issue and discussed how to address the problem regionally and Statewide. The FDOT Aviation Office suggested that airports across the State could be canvassed to determine how the seven UNICOM frequencies are currently in use and to identify which of these frequencies may be available to reduce the amount of cross talk from neighboring facilities. FDOT then developed a plan to identify which airports were on which frequency, determine which airports would be willing to switch to a lesser used frequency, and then determine a more equal distribution of UNICOM frequencies in Florida. Thirteen airports

agreed to switch to a less congested frequency.

Current Status (as of April 6, 2010):

In November 2008, the FDOT Aviation Office Project Manager sent the final plan out to the participating airports with directions on how to go to the FCC's on-line registration program and switch to the new UNICOM frequency.

Attachments

- No files are attached to this Project

Next Generation Aircraft (NGA) Impact Study - Completed Oct 8, 2008

Aviation Office Project Manager: Andy Keith

Consulting Firms (Prime and Sub-consultant, if applicable): Wilbur Smith Associates, Inc.

Start Date: February 27, 2008

Completion Date: October 8, 2008

Project Description:

In October 2008, the FDOT Aviation Office concluded a study investigating the potential near & long-term impacts of introducing the Next Generation Aircraft (NGA) into the Florida Aviation System Plan. This was further broken down into New Large Aircraft (NLA) such as the Airbus A380, the Boeing 787, the new 747-8 series, as well as the new small Very Light Jets (VLJs).

Current Status (as of April 6, 2010):

Electronic copies of the Technical Report as well as both Executive Summaries are posted below.

Attachments

- No files are attached to this Project