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NORTH SIDE PROPERTY

MERRITT ISLAND AIRPORT

PREPARED FOR THE

TITUSVILLE-COCOA AIRPORT AUTHORITY



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Prepared by

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INTERNATIONAL

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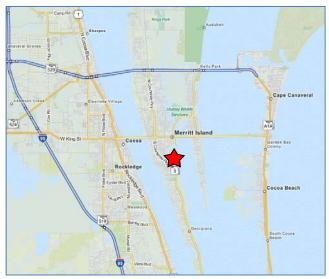
Appendices

Appendix A – Airport Layout Plan dated 2010

Airport History & Site Information

This Airport (COI) is located in Merritt Island, Florida. The Airport is owned and operated by the Titusville-Cocoa Airport Authority (TCAA).

The Airport's property consists of 136 acres, a single paved runway (Runway 11-29), parallel taxiways, apron parking, hangars, and two Fixed Base Operators (FBO's). The runway measures 3,601 feet in length and 75 feet in width, and primarily serves General Aviation (GA) aircraft. The runway is equipped with



Medium Intensity Runway Lights (MIRL's), which consist of runway edge lights and runway threshold lights.

Background

The TCAA completed its last Master Plan Update in March 2009. The update includes all of the development requested in this phasing plan. The last master plan update was completed more than 5 years ago and it should be updated to reflect changes to the advisory circulars and new planning objectives of the Airport.

Site Visit and Observations

A site visit was conducted on February 10th, 2015 with Mr. Michael Powell (CEO-TCAA), Mr. Miguel Martinez (Architect-Baker) and Mr. Aaron McDaniel (Project Manager-Baker). During the site visit, a meeting was conducted with Mr. Mick Gosdin of Voyager Aviation to gather details of their current operations.

During the site visit, several important details of this side of the Airport were brought to our attention. A water main is located nearby and serviced by Brevard County. The Airport has an electrical vault and beacon established in this area, thus electrical needs can be met for future construction. However, there are also constraints because of the existing conduits that are already located throughout this area. There is no lift station or force main located nearby which forces all of the existing buildings to use septic tanks for sanitary purposes. The storm water facilities in this area are small and some of them were not permitted through the St Johns River

Water Management District according to some light research that was conducted following the site visit. There are security concerns due to wash outs under the fence where inadequate storm water facilities were constructed along that northern fence line.

Voyager Aviation is a flight school that is offering Fixed Base Operator (FBO) services. Additional services included conference areas for aviators and the local community, concessions for aviators and the local community, test proctoring for the local community and weather monitoring for aviators. The business also maintains their own aircraft in 3 smaller hangars with the largest current aircraft being a Twin Beach. Voyager has plans to expand services offered to include refueling operations on the north side of the Airport. They are also planning to expand their maintenance services to commercial maintenance services for the public once they have the proper facility.

This visit did not include any professional building surveys for any of the existing local hangars. However, the age of some of these facilities is almost certainly beyond the serviceable lifespan intended for the structures. Most of the facilities seem to be in very poor condition, especially the facilities that are included in this project phasing plan.

Project Phasing

The ultimate goal of the North Side Development phasing is to provide FBO services to the north side of the airport, remove a building in the Part 77 surface, and provide facilities meeting the tenants needs. To effectively complete these tasks the following phases need to take place.

Phase 1: MB-4 Hangar and Office Space (Second FBO)

The existing building houses Voyager Aviation. The demolition of this building needs to be phased into the construction of the new hangar and office space. The site will allow such phasing to take place with little interruption of services to the Public. The proposed scope of services includes design of 4,000SF of office space for FBO operations. It includes an 8,000SF maintenance hangar that will provide space for existing maintenance operations with the appropriate fire protection requirements. It also includes water main work that will meet current code and provide for fire protection and potable water needs. It includes design of a regional lift station and force main to accommodate development of this area. It includes a regional storm water plan and the construction of storm water facilities that support the Airport's operation safety and security. The storm water and utility work must be done in parallel with the first project awarded in order to meet the current requirements of this area.

Phase 2: Florida Bi-Planes Hangar

Florida Bi-Planes (FBP) is currently in a small building that does not meet the needs of the tenant. The existing Airport Layout Plan (ALP) identifies a corporate hangar to replace this building with demolition of the existing building. The relocation of FBP will open the space requirements for the new Sebastian Communication Hangar.

Phase 3: Sebastian Communications Hangar

The hangar that Sebastian Communications (SC) currently operates from is in very poor condition, it is beyond the building restriction line, in the RPZ of the 11 approach and it penetrates the approach surface. The construction of a new hangar in the appropriate location will resolve these issues. The Airport has determined in previous analysis by others that the appropriate size of this hangar should be nearly 70' by 70'. The ALP identifies a corporate hangar to be constructed. Upon relocation of SC the existing hangar will be demolished.

Phase 4: Apron Construction and Rehab

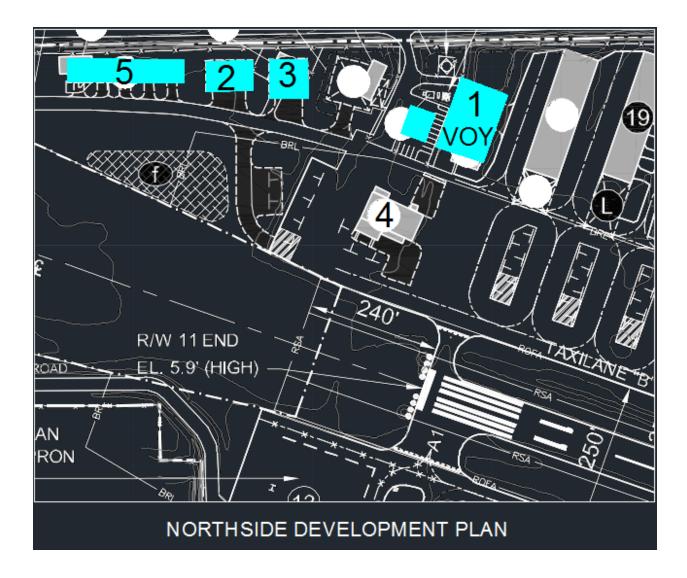
This project would provide construction of new apron in place of the demolished Sebastian Communications hangar and rehabilitation of adjoining pavements that are in poor condition. This project will serve the increasing public requirement for additional apron space near the Voyager FBO.

Phase 5: Box Hangar Development

Merritt Island Airport currently has a waiting list for general aviation storage hangars that has 117 people in it as of September 2014. This project will provide a small relief to the list. The top person on the list has been waiting since 2008.

Appendix A

Graphical Phasing Plan



Appendix B

Airport Layout Plan (ALP) dated 2010

