



CITY OF FORT LAUDERDALE
City Commission Agenda Memo
CONFERENCE MEETING

#20-0055

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: January 21, 2020

TITLE: Fort Lauderdale Executive Airport's Master Plan Presentation -
(Commission District 1)

On August 25, 2016, the Aviation Advisory Board (AAB) endorsed staff's recommendation to approve a contract with Ricondo and Associates, Inc. (Ricondo), to develop a Master Plan Update for the Fort Lauderdale Executive Airport (FXE). The goal of the master planning process is to identify the best options available for meeting the future development needs at the Airport while balancing the needs of airport stakeholders and the surrounding communities. Based on the results of the master planning analysis and coordination with stakeholders, a recommended Airport Development Program was developed by Ricondo, with recommendations regarding airfield, landside and land use enhancements.

The master plan identifies the steps necessary to meet the present and projected demands placed on the Airport for a 20-year planning period. Due to the uncertainty associated with forecasting for 20 years into the future, general practice is to revisit and update the plan approximately every five years. The existing plan for FXE was initiated in 2005 using numbers representing aeronautical activity from the 2004/2005 timeframe and was reviewed and approved by the Federal Aviation Administration (FAA) in 2006. Since that study, the Airport has completed several projects and the state of the general aviation industry has evolved over the years. The update of the Master Plan was needed to reflect new and future facilities, reassess future projections of airport activity, and plan for an appropriate mix of land uses to support projected aviation and non-aviation needs.

The master plan is incorporated into the overall transportation plan of the City and the FAA's National Plan of Integrated Airport Systems (NPIAS). Specific objectives of the airport master plan include the following:

- Provide a graphic presentation of the airport facilities throughout the 20-year planning period (Airport Layout Plan – ALP)
- Present land use strategies for airport property and those properties adjacent to the Airport
- Establish a phased enhancement schedule
- Present the back-up data which supports the ALP

- Describe alternative plan concepts

The development of the Master Plan has included the participation of a Technical Advisory Group (TAG), which met in a workshop setting, several times over the past two years to develop and make recommendations regarding the best alternatives for the successful continued improvement of the Airport. The TAG was made up of representatives from the AAB, Airport tenants, the community, the FAA, Florida Department of Transportation (FDOT), other City departments, other municipalities, and local economic development agencies. TAG meetings were held July 20, 2017, November 14, 2017, and March 13, 2018. Additionally, Public Workshops were held December 7, 2017 and April 26, 2018 to discuss the various elements of the Master Plan with all interested community stakeholders.

This Master Plan anticipates:

- Aircraft operations will increase from 158,306 (FY16) to 188,300 (FY37);
- Total based aircraft will increase from 999 (FY16) to 1,104 (FY37) with jet aircraft the fastest growing category of aircraft based at FXE;
- The existing runway layout is adequate to accommodate existing and future operational demand;
- An extension of Runway 9-27 from 6,002 feet to 7,000 feet is needed to accommodate most types of business jets without imposing weight restrictions;
- An additional 60 acres of on-airport land is required to accommodate future demand for aircraft hanger, storage, aircraft maintenance and aircraft parking apron requirements.

The recommended Airport Development Program proposed by Ricondo identifies 10 airfield improvement projects, four general aviation/fixed based operator facility development projects, two property acquisitions and includes the following highlights:

- Aircraft Maintenance Run-up Area Expansion
- Runway Guard Lights Installation
- Runway 9 End south run-up area relocation
- Runway 31 End Bypass Taxiways Construction
- Runway 27 End Access and South Run-up Area Improvements
- Runway 9 End South Taxiway Improvements
- Runway 9 Extension (1,000 feet with displaced threshold) including Parallel Taxiways
- Taxiway G Realignment (between Taxiways F and A)
- Taxiways L/P Realignment and Runway 9 End North Run-up Area Construction
- Taxiway Foxtrot Relocation

The estimated costs for these improvements is estimated at \$55.2 million. Federal and State participation could provide the majority of funds needed (\$47.7 million or 86.3%), with

FXE contributing approximately 13.7% (\$7.56 million). No short-term or long-term debt is anticipated to complete these projects.

These recommended improvement projects do not require an Environmental Assessment or Environmental Impact Statement nor do they expose residences to additional noise impacts.

Both the FAA and FDOT have approved the Master Plan report and associated Airport Layout Plan.

Strategic Connections

This item supports the *Press Play Fort Lauderdale 2024 Strategic Plan*, specifically advancing:

- The Business Development Focus Area
- Goal 5: Build an attractive global and local economic community marketplace
- Objective: Provide best-in-class regional general aviation airport amenities and services.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We Are Prosperous*.

Attachments

Exhibit 1 – Airport Master Plan Update and Executive Summary

Exhibit 2 – Letter from FAA and Airport Layout Plan

Exhibit 3 – Master Plan Presentation

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