



# FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT (FLL)



## PART 150 AIRPORT NOISE AND LAND USE COMPATIBILITY STUDY

Spring 2018 / Volume 1

### INTRODUCTION

In 2017, the Broward County Aviation Department (BCAD) began a noise and land use compatibility study for Broward County's Fort Lauderdale-Hollywood International Airport (FLL). This study is called a "Part 150 Study" because it follows the process outlined in Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150), Airport Noise Compatibility Planning. This Study includes creating Noise Exposure Maps (NEMs) and a Noise Compatibility Program (NCP). The NEMs show community exposure to existing and future airport noise and identify uses that are considered "non-compatible". The NCP recommends ways to reduce those non-compatible uses while preserving aviation safety and airport operational abilities.

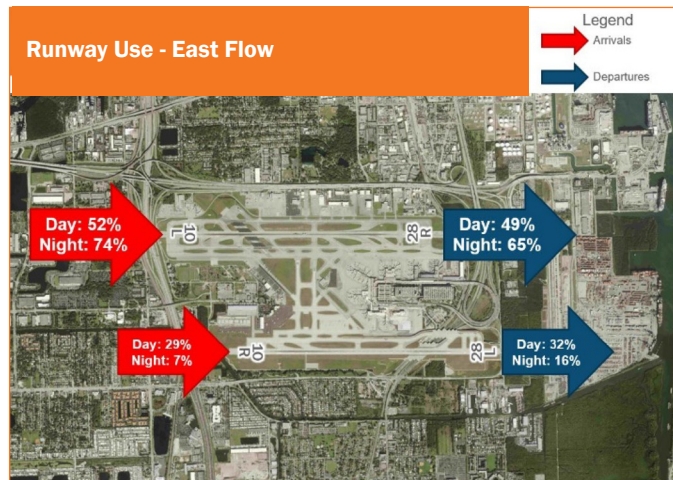
### TECHNICAL COMMITTEE

The BCAD has formed a Technical Committee (TC) for the Part 150 Study at FLL. The TC is composed of stakeholder representatives who review study assumptions and provide feedback on the technical aspects of the study. These representatives include airlines, air cargo carriers, and local jurisdictions. TC meetings were held in May and August of 2017, as well as March 2018. Additional TC meeting dates for 2018 are pending, but will be listed on the Meetings section of the Study website at <http://www.fllpart150.com/meetings/>.

### PUBLIC WORKSHOPS

A series of five public workshops regarding the Part 150 Study were held in November 2017. Workshops were held in Southwest Ranches, Hollywood, Plantation, Davie, and Fort Lauderdale. Approximately 140 community members attended the workshops and provided 82 written and 17 verbal comments. More than 25 additional comments were received via the project website and mail. Common concerns noted among the comments received include: flights occurring during early morning and late night hours, flight path changes following the south runway opening, use of the south runway during nighttime hours, and the frequency in which flights are passing over certain areas.

#### Runway Use - East Flow



*Runway Use graphic prepared for the Technical Committee and Public Workshops.*



*Mark Gale, FLL CEO/Director of Aviation, welcoming TC Members to the first Technical Committee Meeting in May 2017.*



*Members of the community completing comment forms at the fourth in a series of public workshops held in November 2017.*

## PROJECT WEBSITE



The FLL Part 150 Study Team routinely updates the project website with the latest meetings and information available. The following information is available on the project website:

- General Airport Information
- Project Schedule
- Upcoming and Past Meetings
- Resources (Meeting Materials)
- Relevant Links
- Frequently Asked Questions
- Part 150 Study Online Comment Form

The FLL Part 150 Study project website is available at: [www.fllpart150.com](http://www.fllpart150.com).

## CURRENT PROJECT STATUS

The Part 150 Study team is meeting with local jurisdictions surrounding FLL as part of the land use data collection process. Concurrently, the study team is preparing inputs to the Aviation Environmental Design Tool (AEDT) – the Federal Aviation Administration's (FAA's) approved model for the evaluation of aircraft noise.

Current input items being evaluated by the study team include aircraft types, runway use, time of day for operations (daytime versus nighttime), flight tracks and runway utilization. It is anticipated that preliminary draft noise exposure contours will be presented in late Summer/Fall 2018. After the Noise Exposure Map (NEM) Report has been prepared, a public workshop will be held to present the findings to members of the community, currently anticipated to be held in late 2018.

Once the NEM phase is complete, the second phase of the study, the Noise Compatibility Program (NCP), will begin. The NCP will explore options to minimize aircraft noise exposure on non-compatible land uses surrounding FLL. Operational, land use, and administrative measures will be considered during this phase of the project. All recommended measures must be approved by the FAA prior to implementation at FLL.

## GET INVOLVED

BCAD and 14 CFR Part 150 encourage public and agency participation. Please submit comments specific to the FLL Part 150 Study through the website at <http://www.fllpart150.com/comments/>, in person at the public workshops, or by mail to:

Broward County Aviation Department  
C/O FLL Part 150 Study  
2200 SW 45th Street, Suite 101  
Dania Beach, FL 33312

Please focus your comments on the FLL Part 150 Study content or process. Aircraft event complaints should be sent to the Noise Complaint Hotline (1-866-822-7910).



**BCAD (Broward County Aviation Department)**  
<http://www.fllpart150.com>