



GOVERNMENTAL OPERATIONS AND ENVIROMENT COMMITTEE

May 15, 2007

Prepared by: Nelson Diaz

**EXHIBITS LIST**

<b>NO.</b>	<b>DATE</b>	<b>ITEM #</b>	<b>DESCRIPTION</b>
1	5/15/2007		County Manager's Memorandum re: Changes to the Agenda
2	5/15/2007		Chairperson's opening remarks
3	5/15/2007	3A-1	Presentation-MIA Zoning Ordinance amendment for Increased and expanded High Structure Set Aside Areas
4	5/15/2007	3A-2	Map-Existing v. Proposed High Structure Set-Aside District
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

# Memorandum



**Date:** May 15, 2007

**To:** Honorable Chairperson and Members  
Governmental Operations and Environment  
Committee

**From:** George M. Burgess  
County Manager 

**Subject:** Requested Changes to the  
Governmental Operations and Environment  
Committee Agenda

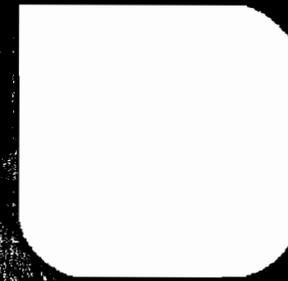
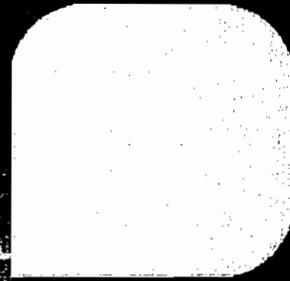
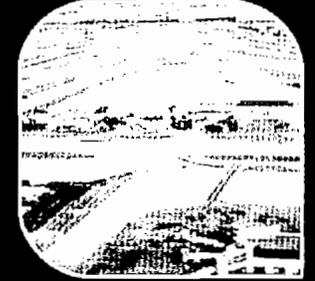
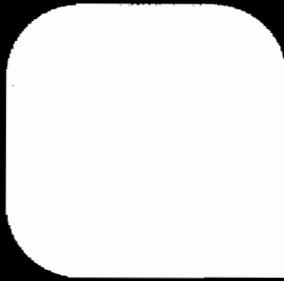
---

## Additions

3A SUBSTITUTE

Bruno A. Barreiro

**071516** ORDINANCE AMENDING CHAPTER 33, ARTICLE XXXVII OF THE CODE OF MIAMI-DADE COUNTY PERTAINING TO THE AIRPORT ZONING AREA FOR MIAMI INTERNATIONAL AIRPORT (WILCOX FIELD); CREATING AND AMENDING PROVISIONS RELATING TO ALLOWABLE HEIGHTS OF PERMANENT AND TEMPORARY STRUCTURES AND TREES, AND CERTAIN TEMPORARY EVENTS THAT MAY AFFECT AIR TRAVEL, ALLOWABLE LAND USES, PERMIT ISSUANCE AND REVIEW, AND ENFORCEMENT OF REGULATIONS; PROVIDING SEVERABILITY, INCLUSION IN THE CODE, AND AN EFFECTIVE DATE [SEE ORIGINAL ITEM UNDER FILE NO. 070870]



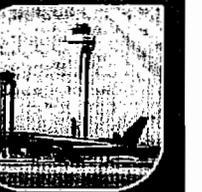
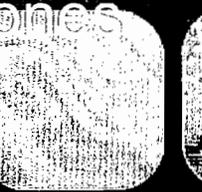
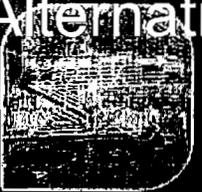
# MIA Airport Zoning Ordinance amendment for Increased and expanded High Structure Set Aside Areas

Briefing to the Government,  
Operations and Environment  
Committee - May 15, 2007

By  
Sunil Harman  
Division Director, Aviation Planning

# Study Initiatives

- Directed by the RTC in August, 2005 to evaluate the increase and expansion of the MIA Zoning Ordinance's heights for 1,000 ft. plus
- Joint meeting with the City of Miami and FAA, September, 2005
- Collection and Three-Dimensional modeling and of Proposed City Of Miami Buildings (in permitting or construction)
- Modeling of Existing Approach and Departure Procedures and Engine-Out Procedures as Provided by the "User Group" of carriers
- Coordination with FAA Air-Traffic of recommendations for Potential Alternative High Structure Set-Aside Zones



# City of Miami Area of Concern for taller buildings



# Proposed City of Miami Buildings



# High Set Aside (HSA) Area of Concern



# Existing HSA Composed of Differing Elevations



# Proposed HSA - 1,010 Feet AMSL



# Proposed HSA – 1,010 To 549 Feet AMSL



# Proposed HSA – 709 Feet AMSL



# Proposed HSA - 709 To 549 Feet AMSL





# Proposed HSA - 649 To 549 Feet AMSL



# Proposed HSA - 310 Feet AMSL



# Overall Proposed HSA Areas



# Comparison of Old HSA To New HSA

## Areas



# Visualization of Old Versus New HSA



High Set-Aside Areas  
Existing and Proposed

© 2006 Sanborn  
map © 2009 Sanborn

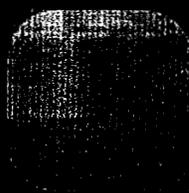
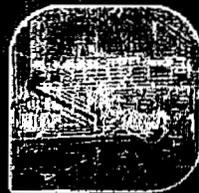
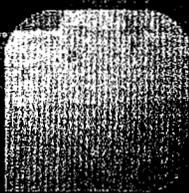
Pointer: lat: 25.782004; lon: -80.201476; elev: 5' ft

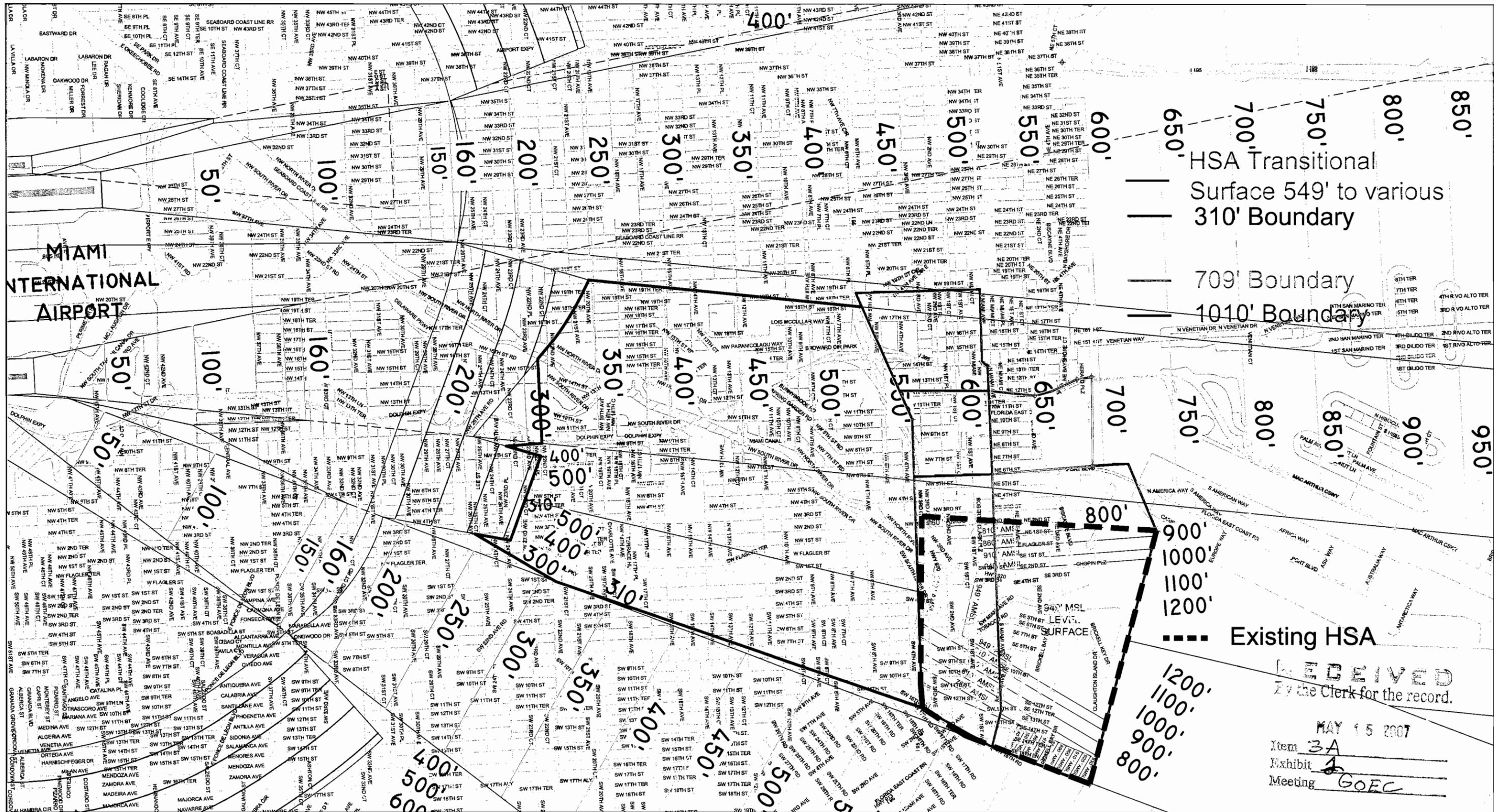
Streaming [|||||] 100%

Eye: alt: 23635 ft

# MDAD - Current Initiatives

- Presenting the proposed new High Structure Set-Aside areas to Airline Pilots and Technical personnel – May 16, 2007
- Working to secure an inter-local agreement with the City of Miami – Tentatively scheduled – May 24, 2007
- Working with the FAA to Incorporate HSA Changes into the FAA's Review Process – ongoing
- Updating Height Zoning Analysis Web Site for New HSA Areas – underway





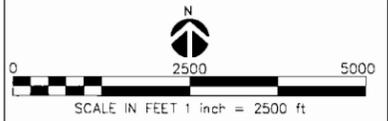
**DRAFT EXISTING VS PROPOSED High Structure Set-Aside District**



EXHIBIT  
MAY 15 2007  
GOEC

Notes:

1. Protection of the Miami-Dade County height zoning surfaces in no way guarantees the outcome of an airspace evaluation conducted by the Federal Aviation Administration (FAA).
2. All height zoning contour elevations are depicted in units of feet above Mean Sea Level (MSL).



Draft Proposed High Structure Set-Aside District