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OPERATIONAL DIRECTIVE NO. 16-04
Effective: November 9, 2016

SUBJECT: Polystyrene (Styrofoam) Ban at Miami International Airport

BACKGROUND: Polystyrene is a petroleum based product, also known as Styrofoam, found to be non-biodegradable and non-recyclable. It has become one of the largest pollutants in landfills taking an estimated one hundred years to deteriorate. It contains the toxic substances of benzene and styrene, suspected carcinogens and neurotoxins that are hazardous to humans. Polystyrene has predominant use in the food service industry used for storage or transport. This use renders polystyrene un-economical to recycle as the process requires the commodity to be washed and degreased. Polystyrene has detrimentally impacted the environment in both its production and disposal. (Source: Harvard.edu/PolystyreneFactSheet)

PURPOSE: The Miami-Dade Aviation Department, in coordination with Miami-Dade County, supports environmentally sustainable business practices in all aspects of its operations, whenever feasible. The intent of this policy is to reduce the Department's contribution of harmful polystyrene waste by banning the use of polystyrene products (Styrofoam) and petroleum based materials by airport concessionaires, certain business partners and its management agreement operators at Miami International Airport (MIA). Further, the ban extends to the Miami-Dade Aviation Department, through its employees, by no longer purchasing products containing polystyrene (Styrofoam) and petroleum based matter for Departmental use.

I. AUTHORITY:

- A. Miami-Dade County Code, Chapter 25-5.2, Miami-Dade Aviation Department Rules and Regulations.
- B. Miami-Dade Aviation Operational Directive (OD) 99-02 Operational Directives.
- C. Miami-Dade Aviation Operational Directive (OD) 99-03 Written Directive System.
- D. Code of Miami-Dade County, Chapter 8CC, Code Enforcement.

II. DEFINITIONS:

- A. *Airline* – An air carrier having a FAA Operating Certificate or a Foreign Operating Certificate, and a current, valid United States Department of Transportation 402 certificate, engaging in transiting passengers or cargo to or from Miami International Airport via aircraft.

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- B. *Airline Lounge* – An area leased by an Airline (business partner), made accessible to certain passengers of that Airline on grounds determined by that Airline, or made accessible via membership in certain organizations, or made available via payment of a fee, and at which food and beverage are either sold or provided on a complimentary basis.
- C. *Concessionaire* – shall mean any individual, firm, corporation, partnership, joint venture, or other entity who provides food and beverages, or goods and services, for sale to passengers or employees at Miami International Airport under authority or a permit, management agreement, lease, or lease and concession agreement.
- D. *Management Agreement Operators* – shall mean third party providers that Miami-Dade Aviation Department enters into management agreements to provide services at various facilities. The facilities are owned by the Miami-Dade Aviation Department and the expenditures are paid by the Department.
- E. *Polystyrene* – is a petroleum based plastic made from the styrene monomer. It is also known as Styrofoam®. It is typically used for disposable food ware (cups, cutlery, plates, and clamshell containers, etc.) and for packaging to protect goods in shipment.
- F. *Styrofoam* – shall include all types of polystyrene foams, including but not limited to Expanded Polystyrene Foam (EPF), solid polystyrene, and Styrofoam™.

III. POLICY:

It is the Aviation Department's policy to incorporate environmental practices that protect the environment and natural resources by banning the use of non-biodegradable polystyrene products.

- A. Concessionaires, certain business partners, and management agreement operators shall not provide containers, (including but not limited to shopping bags, trash bags, take-out bags, clamshells, or other methods of securing foods, beverage, or goods) or utensils, cups, straws, or plates which are made of Styrofoam or which are made of petroleum based plastic.
 - 1. In lieu of the above prohibited materials, concessionaires, certain business partners and management agreement operators shall provide containers, utensils, cups, and plates (as appropriate given the scope of each operation) made from high recycled content paper or bio-based, biodegradable plastic packaging as certified by the Biodegradable Products Institute (BPI).
- B. Concessionaires, certain business partners and management agreement operators shall, to the maximum extent feasible, use cleaning products and soaps which are listed on the United States General Services Administration "Environmental Products" List. (https://www.gsaadvantage.gov/advgsa/advantage/main/start_page.do.)

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- C. Concessionaires, certain business partners and management agreement operators shall submit a report demonstrating their compliance with this Operational Directive by January 1st of each year. The report should include at a minimum the list of products, the material base of such products, and the company providing the certification.
- D. The Miami-Dade Aviation Department, through its employees, shall not purchase Styrofoam commodities or other petroleum based products for Departmental use.
- E. Nothing in this Operational Directive shall be construed as preventing an Airline operating at MIA the use Styrofoam or petroleum based products onboard an airline departing from or arriving at MIA. However, any Airline operating an Airline Lounge within the MIA Terminal shall comply with this Operational Directive solely with respect to operations within the leased premises being operated as an Airline Lounge.
- F. Failure to comply with this directive could result in a civil monetary fine under Chapter 8CC of the Code of Miami-Dade County.

IV. AMENDMENTS:

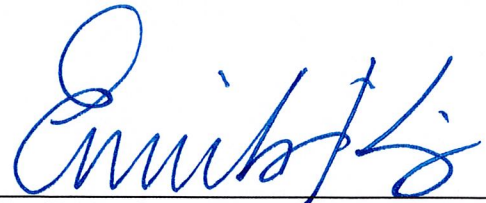
The Department reserves the right to amend this Operational Directive at any time and from time to time.

V. SEVERABILITY:

If any court of competent jurisdiction determines that a provision of this operational directive is illegal or void, the remainder of this operational directive shall continue in full force and effect.

VI. EFFECTIVE DATE:

This operational directive shall become effective 15 days subsequent to its filing with the Clerk of the circuit Court as Clerk of the County Commission. This operational directive shall remain in effect until revoked or amended.



Emilio T. González, Aviation Director

Date: 10/21/16