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Miami Dade Aviation Department
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<http://www.miami-airport.com>

OPERATIONAL DIRECTIVE NO. 21 - 02

Effective: May 12, 2021

SUBJECT: CEREMONIAL WATER CANNON SALUTES

PURPOSE: To establish the Department's guidelines and procedures for requesting, approving, and executing water cannon salutes by the Miami-Dade Fire Rescue's (MDFR) Aviation Division.

I. AUTHORITY:

- A. Operational Directive No. 99-03, Aviation Department Written Directive System.
- B. Operational Directive No. 99-2, Aviation Department Operational Directives
- C. Chapter 25-1.2 - Miami-Dade County Code, Chapter 25 Miami-Dade Aviation Department Rules and Regulations

II. DEFINITIONS:

- A. **Airplane Design Group (ADG):** A Federal Aviation Administration (FAA) defined grouping of aircraft types based on wingspan and tail height. FAA Advisory Circular 150/5300-13 defines six groups of aircraft.
- B. **Airplane Design Group – V (ADG-V):** Represents aircraft group V as follows:
 - Wingspan 171' (52m) to < 214' (65m)
 - Tail Height 60' (18.3m) to < 66' (20.1m)
 - Typical aircraft types in this group include B777 series/B787/A330 family
- C. **Airplane Design Group – VI:** Represents aircraft group VI as follows:
 - Wingspan 214' (65m) to < 262' (80m)
 - Tail Height 66" (20.1m) to < 80' (24.4m)
 - Typical aircraft types in this group include Boeing 747-8/ Airbus A380-800
- D. **Object Free Area (OFA):** The OFA is the area on the ground surrounding runways, taxiways and taxilanes which must be clear of objects except for those whose location is required by function.

III. POLICY:

Ceremonial water cannon salutes are a special request event to be carried out by the Miami-Dade Fire Rescue's (MDFR) Aviation Unit, staffed at Miami International Airport as per a Memorandum of Understanding (MOU) for fire services provided to the Department. These salutes must be requested for authorization by the Deputy Aviation Director, or designee, and each request will be considered on a case-by-case basis for arriving and departing aircraft. Approved salutes may be cancelled in the event of an airport emergency or any other matter that endangers safe operations, as determined by the Assistant Director for Operations, the Assistant Director for Public Safety and Security, Airside Operations and/or MDFR personnel executing the salute.

IV. PROCEDURES:

- A. Requests for ceremonial water salutes shall be made at least three business days prior to the event. Requests received less than three business days prior to the event will be denied.
- B. Salute requests shall be submitted via email to the Division Director for Airside Operations or the Airside Operations Ramp Control Supervisor.
- C. Approved events must take place no less than one hour after sunrise and no less than one hour before sunset.
- D. The requesting entity shall provide all information relating to the ceremonial water salute. Information includes, but is not limited to, the following:
 - 1. Name of requesting entity and contact information
 - 2. Purpose for the ceremonial water salute
 - 3. Name of airline, aircraft type, aircraft model, and handling agent, if applicable
 - 4. Date and time of aircraft arrival/departure
 - 5. Aircraft arrival/departure gate
- E. Once a request has been approved and the aircraft parking arrangements have been defined, Airside Operations will determine the taxi route and taxiway/taxilane Object Free Area (OFA) clearance requirements needed to safely accommodate the salute.
- F. Airside Operations shall physically measure and mark the placement of the MDFR vehicles in relation to the appropriate distance from the taxiway or taxilane centerline, based on the ADG-V for added safety and only use ADG-VI for A380 and B747-8 aircraft.

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- G. At least 24 hours prior to the event, Airside Operations will create a graphic that depicts the taxi route, location of the water salute, placement of the MDFR vehicles, assigned gate, and parking location and provide it to the Fire Administrative Chief.
- H. Water cannon salutes will only be performed on straight sections (no radius), of taxiways and taxilanes.
- I. Airside Operations will conduct a briefing with all interested parties and distribute the graphic at such briefing.
- J. On the day of the event and as soon as practical prior to the aircraft arrival/departure, Airside Operations shall meet MDFR near the designated position, physically re-measure the designated locations to ensure MDFR vehicles are outside of the OFA and stage the MDFR vehicles.
- K. If during the event an issue arises that endangers the safe operation of the water salute, the Assistant Director for Operations, the Assistant Director for Public Safety and Security, any Airside Operations or MDFR personnel involved in conducting the operation may cancel the water salute if the issue cannot be corrected in time.

V. AMENDMENTS:

The Department reserves the right to amend this operating policy at any time based on current law, Miami-Dade County policies and operating needs.

VI. REVOCATION:

Revocations and removal of established Department policies requires written justification by requesting division management for review and concurrence by the Department's Professional Compliance Division. Upon written concurrence, the revocation request will be submitted, by Professional Compliance, for approval by the Aviation Director. Should the written directive be an Operational Directive, the authorized revocation justification will be sent to the Clerk of the Board for filing with the original Operational Directive under revocation. All approved revocation justification memoranda shall be posted to the Department's Written Directives Log to identify why the directive has been revoked to maintain ongoing operational accountability.

VII. SEVERABILITY:

If any court of competent jurisdiction determines that any provision in this policy is illegal or void, that provision shall be nullified and the remainder of this policy shall

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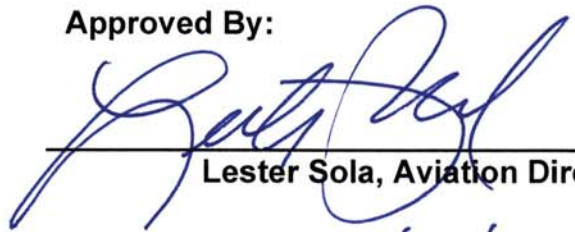
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continue in full force and effect. If such court rules that any charge, fee, or security deposit requirement is illegal or void, the Aviation Director is authorized and directed to impose a charge, fee, or security deposit requirement that complies with the court order or applicable provisions of law, which shall become effective on the date of imposition and shall continue until modified by the Miami-Dade County Board of County Commissioners.

VIII. 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.

Approved By:



Lester Sola, Aviation Director

Date: 04/27/21