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COUNTY ADMINISTRATOR
Verdenia C. Baker

DEPARTMENT OF AIRPORTS

2 PM

Date: January 18, 2017

To: The Honorable Mayor Paulette Burdick and Members of the Board of County Commissioners

From: Bruce V. Pelly, Director of Airports 

Subject: Temporary Flight Restrictions

Attached please find the presentation that the Department of Airports will make on Tuesday, January 24, 2017 during the Board of County Commissioners Workshop at 2:00PM regarding the Temporary Flight Restrictions (TFR) that will be put in place over the majority of Palm Beach County when the President of the United States (POTUS) is in residence at Mar-A-Lago. This presentation details the impacts to the aviation community and users operating in and around the County's airspace, as well as provides a general overview of the requirements established by the United States Secret Service (USSS). Also attached is a letter prepared by the Aircraft Owners and Pilots Association (AOPA) to President-Elect Donald Trump dated December 15, 2016 detailing the impacts to the aviation community in South Florida.

Please be advised that the Federal Aviation Administration (FAA) will be providing a briefing on the impacts to users on Thursday, January 19, 2017 at 9:30am via telecom/webinar. The Department of Airports understands that this is an evolving situation and we will continue to work with the FAA, USSS and the Transportation Security Administration (TSA).

If you have any questions regarding this submittal prior to our presentation on January 24th, please feel free to reach out to me at any time.

Attachments: Department of Airports Presentation
Aircraft Owners and Pilots Association letter dated December 15, 2016

cc: Verdenia C. Baker, County Administrator

846 PALM BEACH INTERNATIONAL AIRPORT
West Palm Beach, Florida 33406-1470
(561) 471-7400 FAX: (561) 471-7427 www.pbia.org

PALM BEACH COUNTY GLADES AIRPORT
Pahokee

PALM BEACH COUNTY PARK AIRPORT
Lantana

NORTH COUNTY GENERAL AVIATION AIRPORT
Palm Beach Gardens

"An Equal Opportunity-Affirmative Action Employer"

TEMPORARY FLIGHT RESTRICTIONS



January 24, 2017



Palm Beach International Airport



North Palm Beach County General Aviation Airport



Palm Beach County Park Airport



Palm Beach County Glades Airport

Presidential Temporary Flight Restrictions



CURRENT COUNTY SYSTEM IMPACTS

- » *Federal Aviation Administration (FAA) to implement Temporary Flight Restrictions (TFR) around Mar-a-Lago when the President is in residence in accordance with United States Secret Service (USSS) requirements*
- » *TFRs consist of a 10 nautical mile radius (10NMR) restriction (inner core) and a 30 nautical mile radius (30NMR) restriction (outer ring)*
- » *Approximate 1 nautical mile “buffer” established around Mar-a-Lago as no-fly zone*
- » *More than a dozen public-use and private-use airports impacted under the proposed TFRs*
- » *Significant impacts to aviation community and stakeholders*
- » *Under today’s USSS requirements, Palm Beach County Park Airport is closed to all departing aircraft and only open for aircraft arriving from specified Gateway Airports*

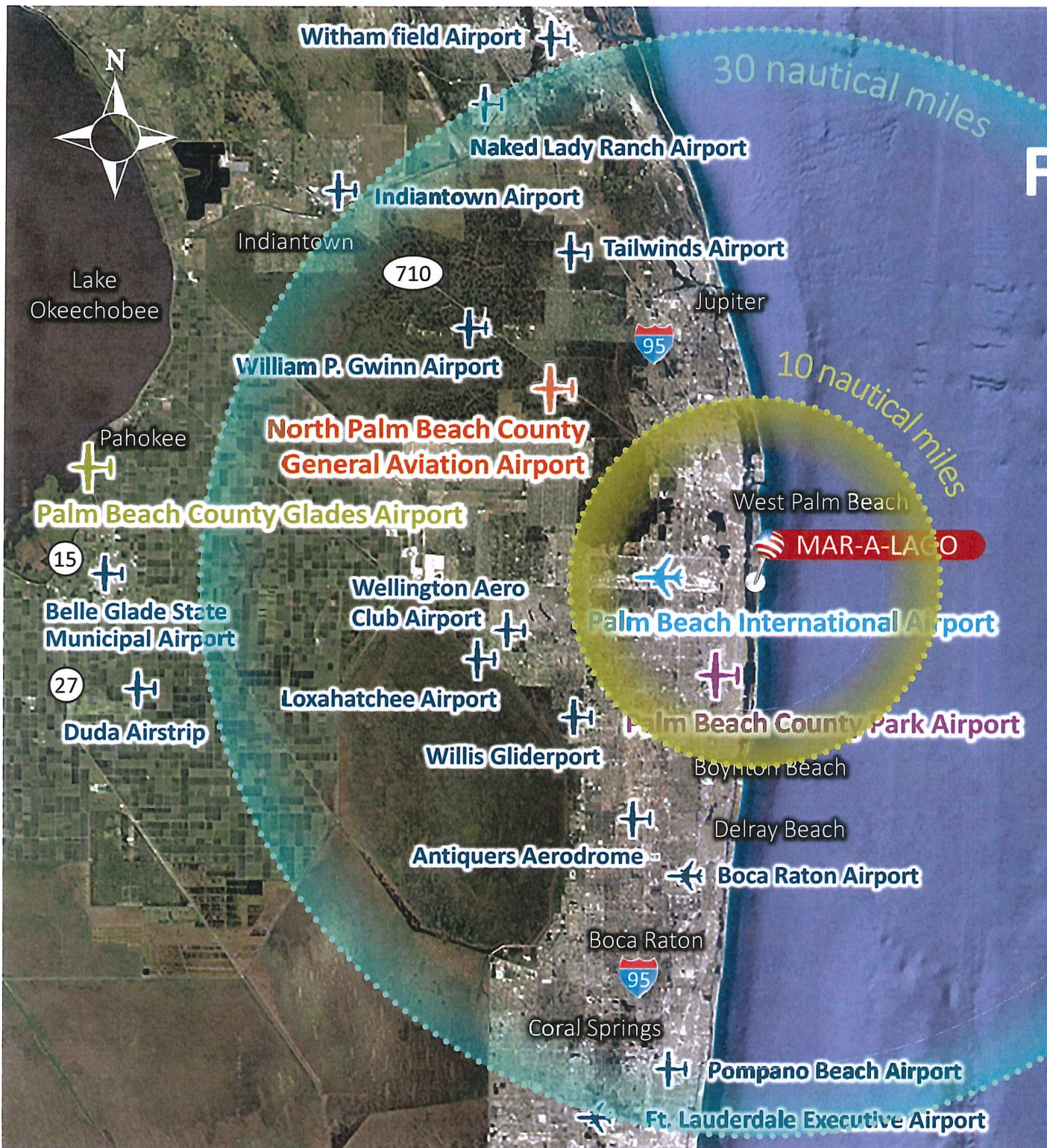
OVERALL FLIGHT AREA



Within 10NMR (Inner Core), all aircraft operations are prohibited except for the following:

- Approved law enforcement/military aircraft directly supporting the United States Secret Service (USSS) and the Office of the President of the United States
- Approved air ambulance flights, Trauma Hawk, Palm Beach Sheriff's Office (PBSO), and United States Coast Guard
- Regularly scheduled commercial aircraft and air cargo
- General aviation aircraft that have been cleared by the Transportation Security Administration (TSA) through "Gateway Airports"
- Palm Beach County Park (Lantana) Airport is closed although currently under review

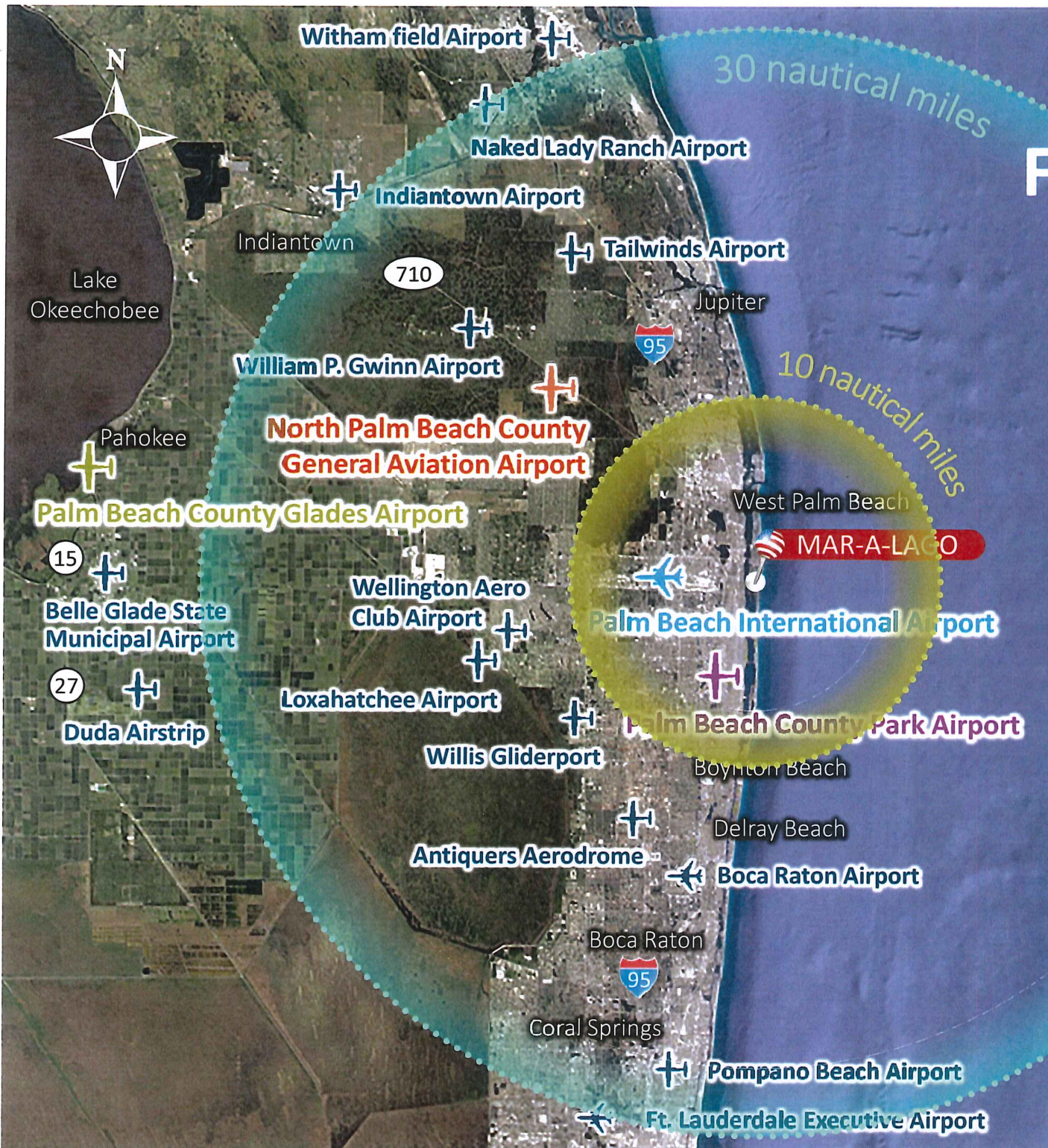
OVERALL FLIGHT AREA



Within the airspace between 10NMR (Inner Core) and 30NMR (Outer Ring), all aircraft operating in this area:

- Are limited to arriving and departing airfields outside the inner core and overflight operations
- Are prearranged point-to-point routes within the outer ring
- Are required to be on an active IFR or VFR flight plan with a discrete code assigned by an ATC facility
- Must be squawking the discrete code prior to departure and at all times in TFR
- And, must remain in two-way radio communications with ATC

OVERALL FLIGHT AREA



The following operations are not authorized with this TFR (both Inner Core and Outer Ring):

- Flight training
- Practice instrument approaches
- Aerobatic flight
- Glider operations
- Seaplane operations
- Parachute operations
- Ultralight, hang gliding, balloon operations
- Agriculture/crop dusting (under review within outer ring)

OVERALL FLIGHT AREA



The following operations are not authorized with this TFR (both Inner Core and Outer Ring):

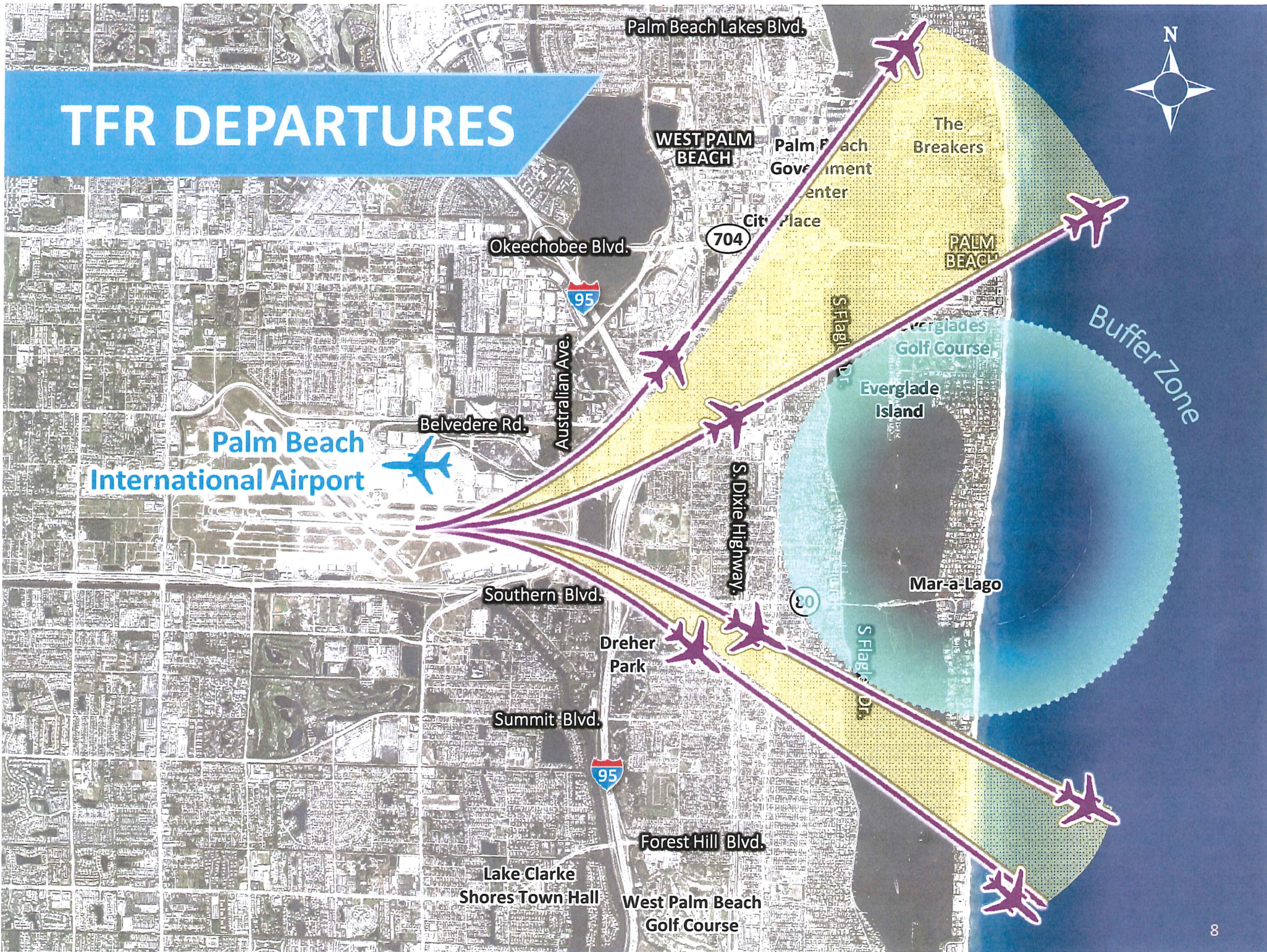
- Animal population control flight operations
- Banner towing operations
- Sightseeing operations
- Maintenance test flights
- Model aircraft operations
- Model rocketry
- Unmanned aircraft systems (UAS)
- Utility and pipeline survey operations

DEPARTURES/ ARRIVALS

(Normal Operations)



TFR DEPARTURES



TFR ARRIVALS



Presidential Temporary Flight Restrictions



GATEWAY AIRPORT PROCEDURES

- » *Gateway Airports are airports located outside of the TFR area where general aviation aircraft are pre-screened by TSA, thereby allowing these general aviation operations, including corporate aircraft, charter flights and on-demand operations, to fly directly into a destination airport under the TFRs*
- » *Currently established at Orlando International Airport (MCO) and Fort Lauderdale-Hollywood International Airport (FLL) for aircraft inbound to Palm Beach International Airport (PBI), and at PBI for aircraft departures*
- » *General aviation aircraft must be screened by TSA at these designated Gateway Airports prior to entering the 10NM inner ring*
- » *Pilots, crew, and passengers must provide valid government-issued photo identification to the TSA at the Gateway Airport prior to departure*
- » *Aircraft operators must register with TSA for gateway screening no less than 24 hours prior to their scheduled departure time*
- » *Screening will occur only during the hours of 8:00AM and 5:00PM (local) at all Gateway Airports*
- » *On departure from a Gateway Airport aircraft must maintain radio contact with ATC and continuously squawk an ATC assigned discrete code*
- » *Intermediate stops while en-route are not authorized unless an emergency exists*

Presidential Temporary Flight Restrictions



NATIONAL BUSINESS AVIATION ASSOCIATION (NBAA) INPUT ON GATEWAY AIRPORTS

- » *TSA originally established Melbourne International Airport (MLB) and FLL as Gateway Airports*
- » *NBAA stressed a desire to utilize Orlando International Airport (MCO) and Fort Lauderdale Executive Airport (FXE), instead of MLB and FLL, as well as expansion to additional potential TFR gateway airports based on operational data, to include the following:*
 - Teterboro Airport, NJ (TEB)
 - White Plains/Westchester County Airport, NY (HPN)
 - Washington Dulles International Airport, VA (IAD)
 - Bedford, MA (BED)
 - Farmingdale, NY (FRG)
 - Peachtree Dekalb, GA (Atlanta suburbs) (PDK)
 - Morristown, NJ (MMU)
 - Philadelphia International Airport, PA (PHL)
 - Pontiac, MI (PTK)
 - Houston Hobby Airport, TX (HOU)

Presidential Temporary Flight Restrictions



CURRENT GATEWAY AIRPORTS

- » *For general aviation aircraft arriving at Palm Beach International Airport (PBI) :*
 - Orlando International Airport (MCO)
 - Fort Lauderdale-Hollywood International Airport (FLL)
 - Teterboro Airport, NJ (TEB)
 - White Plains/Westchester County Airport, NY (HPN)
 - Washington Dulles International Airport, VA (IAD)
- » *General aviation aircraft departing PBI will be screened at “Gateway” locations at the Fixed Base Operators*
- » *The Department of Airports will continue to work with USSS and TSA to expand the list of Gateway Airports and the operational hours for screening*

Presidential Temporary Flight Restrictions



SPECIFIC ECONOMIC IMPACT EXAMPLES – PALM BEACH COUNTY PARK (LANTANA) AIRPORT

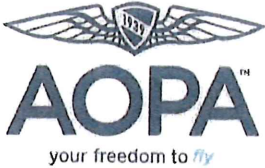
- » *Palm Beach Aircraft Services, Inc. estimates it will lose at least \$2 million in gross revenue per year due to the currently planned Presidential TFR impacts to Lantana Airport*
- » *Palm Beach Flight Training is a flight training school at Lantana Airport - when the TFRs are imposed, their operation would be grounded and could, potentially, put them out of business*
- » *Windward Aviation is an aircraft maintenance company at Lantana Airport where 90% of their customers fly into LNA for service from other airports, of which 50% use their aircraft for business—when TFRs are imposed, inbound aircraft could gain entry from a “Gateway Airport”, but would be restricted for departures out of LNA, thus creating a negative economic impact on their business*
- » *Overall, Lantana has 246 based aircraft plus 21 helicopters, 3 flight schools and approximately 12 businesses directly related to aviation (FBO, aircraft repair and maintenance, and charters)*

Presidential Temporary Flight Restrictions



OTHER ECONOMIC IMPACT EXAMPLES

- » *In addition to LNA, North Palm Beach County General Aviation Airport (F45) is within the 30 nm Outer Ring and has a FBO, 4 flight schools, and 2 aircraft repair and sales businesses that could be severely impacted*
- » *Palm Beach International Airport has 3 FBOs with a combined total of 154 based aircraft plus 17 helicopters – General Aviation generated 59,748 itinerant and 1,091 local operations in 2015*
- » *In a letter from AOPA to President-elect Trump on December 15, 2016, the 10NMR and 30NMR TFR protective rings around Mar-a-Lago will have significant economic and operational impacts on airports throughout the region and airspace system*
- » *These impacted airports generate significant economic impact and create numerous jobs within the region*



MARK R. BAKER
President and CEO

December 15, 2016

The Honorable Donald J. Trump
President-elect of the United States of America
Trump Tower
735 5th Avenue
New York, NY 10022

Dear President-elect Trump:

On behalf of the Aircraft Owners and Pilots Association (AOPA) and our 350,000 members who are private pilots and aircraft owners, I want to extend our congratulations on your election. We look forward to working with your Administration to ensure that the United States maintains its position as the safest and most efficient aviation system in the world.

I write today to outline some of the economic consequences that aviation security precautions related to presidential travel place on local airports and communities, especially during extended visits.

As you know, when you are in residence at Mar-a-Lago, the FAA intends to implement a Presidential Temporary Flight Restriction (TFR), with a 10 nautical mile no-fly zone and a 30 nautical mile restricted outer ring. If implemented as planned, these restrictions will have significant economic and operational impacts on the six airports located under the no-fly zone or the 30 nautical mile restricted outer ring. These six airports account for a total economic output exceeding \$1 billion, create over 8,000 jobs, and have a total payroll of \$290 million. These figures do not include the economic impacts on the additional five public-use general aviation airports located under the 30 nautical mile outer ring.

We respect and understand the security rationale for these TFRs when you are in residence or conducting official business. We simply request that you and your Administration consider the negative impact on jobs and local economies when implementing these restrictions.

For example, the Palm Beach County Park Airport, known locally as Lantana Airport and an airport with which I am sure you are familiar, falls within the 10 nautical mile inner ring, effectively shutting down the airport when the TFR is in effect.

Lantana Airport is a designated reliever for Palm Beach International Airport (KPBI) and serves the general aviation interests of central and southern Palm Beach County. Lantana Airport is among the top 10 busiest general aviation airports in the United States, with 120,000 annual operations. It has more than 270 based aircraft, accounts for 250 jobs with a direct economic impact of \$15 million annually, and provides an additional \$27 million in economic impact annually to the community.

We at AOPA believe there are ways to mitigate the impact of security TFRs. We have excellent working relationships with the Federal Aviation Administration and the U. S. Secret Service and worked cooperatively with these agencies to restore access to the General Aviation Hudson River Corridor after you were elected president. We look forward to continuing to work with these agencies and your Administration on this and other issues of importance to general aviation.

Respectfully,



Mark R. Baker
President and CEO