

# Temporary Flight Restrictions



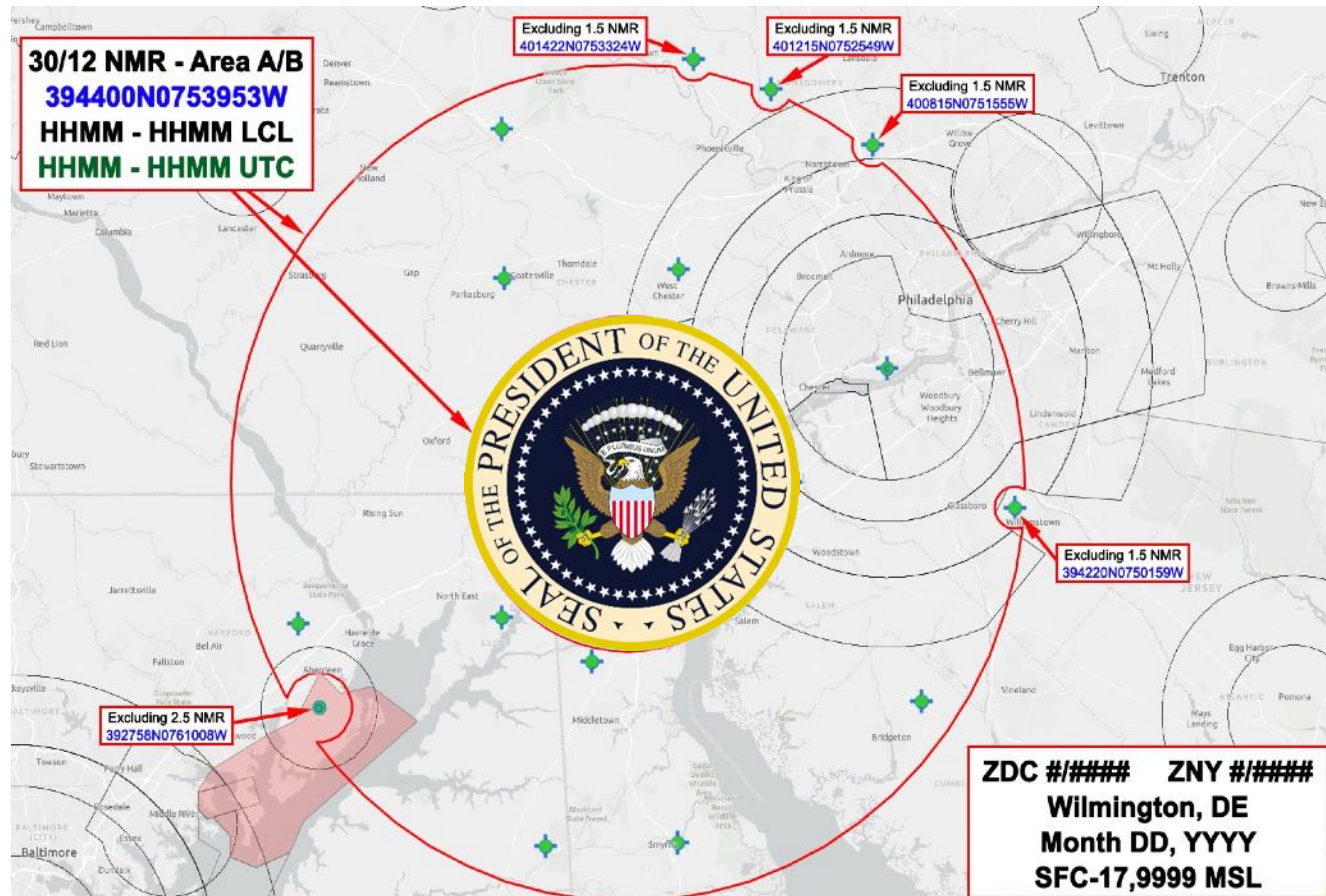
Federal Aviation  
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## The Presidential Type

Presented to: Pilots

By: FAA Team

Date: 3/5/2021



# Introductions

- **Paul Basilotto**
  - Operations Front Line Manager
- **Eric Sieracki**
  - FAASTeam Program Manager A/W
- **Bob Possumato**
  - FAASTeam Program Manager OPS
  
- **Philadelphia FSDO**



# TFR

**What is a TFR?**

**A Temporary Flight Restriction (TFR) is a type of Notice to Airmen (NOTAM). A TFR defines an area restricted to air travel due to a hazardous condition, a special event, or as in this case a restriction within the national airspace system.**

**14 CFR Part 91.141 reads as follows: No person may operate an aircraft over or in the vicinity of any area to be visited or traveled by the President, the Vice President, or other public figures contrary to the restrictions established by the Administrator and published in a Notice to Airmen (NOTAM).**



# *Presidential TFR*

- **Active during published times**
- **Typically published 48 hours in advance**
- **Surface to 17,999**
- **Inner Circle – Non-Typical 12nm radius**
- **Outer Circle – typically 30nm radius**
- **Watch out for TFRs in Class B - Don't confuse the two**
- **Over 200 Airports within the 30NM Wilmington Ring**



# FAA TFR Website:

- <https://tfr.faa.gov>
- ***“Depicted TFR data may not be a complete listing. Pilots should not use the information on this website for flight planning purposes. For the latest information, call your local Flight Service Station at 1-800-WX-BRIEF.”***



# Other Methods



<https://www.1800wxbrief.com/>



# *How To Avoid...*

- Plan
- Squawk
- Talk



# *How To Avoid...*

- **PLAN**
- **PRE-PLANNING - Get TFR info PUSHED to you**
- **FINAL PLANNING – Pre-flight PLAN per FAA requirement**
- **[http://notams.aim.faa.gov/notamSearch/nsapp.html  
#/](http://notams.aim.faa.gov/notamSearch/nsapp.html#/)**
- **<http://tfr.faa.gov> (All TFRs)**
- **1-800-WX-BRIEF (All TFRs)**
- **1-800-992-7433 or [www.1800wxbrief.com](http://www.1800wxbrief.com)**
- **Update Electronics**





# How To Avoid...– Pre-planning



Local TFRs PUSHED to your email inbox



Home About the FAAS Team

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FAA Safety Team | Safer Skies Through Education  
FAAS Team

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# How To Avoid...– Pre-planning



## Local TFRs PUSHED to your email inbox



### Account Preferences

You may change your FAASafety.gov account preferences using the tabs below. Select the tab corresponding to the data you wish to review and change and be sure to press the "Save" button in each tab once your changes are complete. Click [here](#) to return to the Home Page.

General | **Email & Password** | WINGS Profile | Certificates & Ratings | Airman Registry | Seminar Preferences | Other | Close My Account

These settings control your user account login (email address), how you receive email, and what types of email you will receive. **Make any changes and press "Save" at the bottom before moving to the next tab.** Click [here](#) to return to the Home Page.

#### FAASafety.gov Email Preferences

\* Indicates Required entry

\* First Name

\* Last Name

Suffix

Display Name

\* Your Zip Code

Where you live determines many of the emails you will receive.

Check here if you do not have a valid U.S. Zip Code.

\* Email Type Preference

Most email clients support HTML. If unsure, select 'plain text'.

Email Type Preference

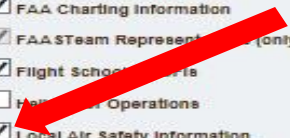
HTML

Plain Text

\* Email Notification Preferences

Select the types of notifications you wish to receive automatically. **NOTE:** You may also want to review the 'Certificates & Ratings' tab above to make sure you receive relevant email notifications.

- |   |   |
|---|---|
| <input type="checkbox"/> Aerial Application (Agricultural Operations) | <input type="checkbox"/> Airports - General & Safety Information    |
| <input checked="" type="checkbox"/> Airworthiness                     | <input checked="" type="checkbox"/> Changes to FAA Safety.gov       |
| <input type="checkbox"/> Designated Pilot Examiner                    | <input checked="" type="checkbox"/> FAA Charting Information        |
| <input checked="" type="checkbox"/> FAA Newsletters                   | <input checked="" type="checkbox"/> FAA STeam Representation (only) |
| <input type="checkbox"/> FAR Part 91/135 Turbojet Operators           | <input checked="" type="checkbox"/> Flight School Alerts            |
| <input checked="" type="checkbox"/> General Information               | <input type="checkbox"/> Homebased Operations                       |
| <input checked="" type="checkbox"/> InFO - Information for Operators  | <input checked="" type="checkbox"/> Local Air Safety Information    |
| <input checked="" type="checkbox"/> New Airspace Concerns             | <input checked="" type="checkbox"/> New Event Notifications         |
| <input checked="" type="checkbox"/> Repair Station                    | <input type="checkbox"/> Runway Safety Information                  |
| <input type="checkbox"/> Safety Stream - AMTs                         | <input type="checkbox"/> Safety Stream - Instructors                |
| <input checked="" type="checkbox"/> Safety Stream - Pilots            | <input type="checkbox"/> SAFO - Safety Alerts for Operators         |
| <input checked="" type="checkbox"/> Selected ATC Notices              | <input type="checkbox"/> sUAS - Small Unmanned Aircraft System      |
| <input type="checkbox"/> Unapproved Parts Notification                | <input type="checkbox"/> Vip  |



# How To Avoid...– Pre-planning



Local TFRs PUSHED to your twitter account

<https://twitter.com>



FAA Safety Briefing  @FAASafetyBrief · 16h

#FAASafetyTeam Notice: VIP Notice - Wilmington, DE [bit.ly/3oJaxyP](https://bit.ly/3oJaxyP)



## @VIP\_TFR

TOP LATEST PEOPLE PHOTOS VIDEOS NEWS PERISCOPES

Search filters - Show



VIP TFR Info @VIP\_TFR · 4h

Palm Beach, FL Flights to PBI allowed by applying for waiver and TSA screening at gateway airports FLL HPN IAD TEB.

## #TFRAAlert

TOP LATEST PEOPLE PHOTOS VIDEOS NEWS PERISCOPES

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New to Twitter?

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AOPA @AOPA - Feb 8

#TFRAAlert: TFR for #PalmBeach, FL this Friday-Sunday. Check NOTAMs. Details here - [bit.ly/2kPCDeX](https://bit.ly/2kPCDeX) #aviation #generalaviation



# How To Avoid...– Pre-planning

<https://tfr.faa.gov>

[TFR List](#) [TFR Map](#) [Map Airports](#) [TFR Help](#) [NOTAM SEARCH](#) [SUA](#)

Center  GO State  GO Type  GO TUE, 2 FEB 2021 15:51 UTC

[Reset Filter](#) [Reset Filter](#)

*Click column headings to sort data.*

Date	NOTAM	Facility	State	Type	Description	Zoom
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**This site is informational in nature and is designed to assist pilots and aircrews for flight planning and familiarization. It may be used in conjunction with other pre-flight information sources needed to satisfy all the requirements of 14 CFR 91.103 and is not to be considered as a sole source of information to meet all pre-flight action. Due to system processing delays, recently entered notams may not be displayed**

Total Records: 0



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# EXAMPLE TFR

- TFR List
- TFR Map
- Map Airports
- TFR Help
- PilotWeb
- SUA

## NOTAM

**Number :** FDC 7/5567 [Download shapefiles](#)

**Issue Date :** March 15, 2017 at 1650 UTC

**Location :** Palm Beach, Florida

**Beginning Date and Time :** March 17, 2017 at 2200 UTC

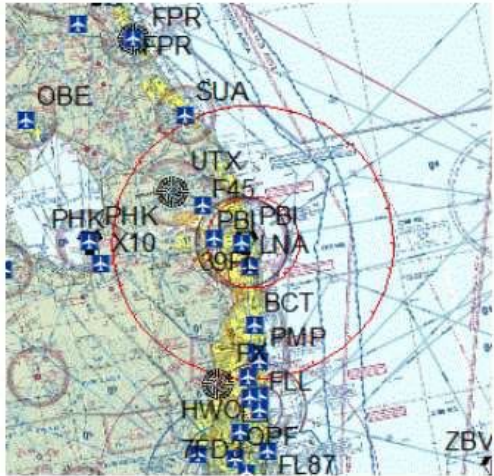
**Ending Date and Time :** March 20, 2017 at 0230 UTC

**Reason for NOTAM :** Temporary flight restrictions for VIP Movement

**Type :** VIP

**Replaced NOTAM(s) :** N/A

**Jump To:** [Affected Areas](#) [Operating Restrictions and Requirements](#) [Other Information](#)



- Click for Sectional
- NOTAM Text

## Affected Area(s) Top

### Area A

**Airspace Definition:**

**Center:** On the PALM BEACH VORTAC (PBI) 094 degree radial at 1.6 nautical miles. (Latitude: 26°40'47"N, Longitude: 80°03'27"W)

**Radius:** 30 nautical miles

**Altitude:** From the surface up to and including 17999 feet MSL

**Excluding** On the PALM BEACH VORTAC (PBI) 349 degree radial at 30.9 nautical miles. (Latitude: 27°10'54"N, Longitude: 80°13'17"W)

**Center:** 2 nautical miles

**Radius:** 2 nautical miles

**Altitude:** From the surface up to and including 17999 feet MSL

**Excluding** On the FORT LAUDERDALE VOR/DME (FLL) 004 degree radial at 7.4 nautical miles. (Latitude: 26°11'50"N, Longitude: 80°10'14"W)

**Center:** 2 nautical miles

**Radius:** 2 nautical miles

**Altitude:** From the surface up to and including 17999 feet MSL

**Effective Date(s):**

From March 17, 2017 at 2200 UTC (March 17, 2017 at 1800 EDT)

To March 20, 2017 at 0230 UTC (March 19, 2017 at 2230 EDT)

Picture!

Plain language text!



# FAA TFR Website:

[XML](#) [AIMS](#) **NOTAM**

**Number :** **FDC 1/1186 Download shapefiles**  
**Issue Date :** February 04, 2021 at 1658 UTC  
**Location :** Wilmington, Delaware  
**Beginning Date and Time :** February 05, 2021 at 2230 UTC  
**Ending Date and Time :** February 08, 2021 at 0130 UTC  
**Reason for NOTAM :** Temporary flight restrictions for VIP Movement  
**Type :** VIP  
**Replaced NOTAM(s) :** N/A

**Jump To:** [Affected Areas](#)  
[Operating Restrictions and Requirements](#)  
[Other Information](#)



# How To Avoid...– Final Planning

*Always confirm TFR information with  
FSS, 1-800-WX-BRIEF*



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# How To Avoid...– Final Planning

## Affected Area(s)

[Top](#)

**Area A  
Airspace  
Definition:**

## Operating Restrictions and Requirements

No UAS operations are authorized in the areas covered by this NOTAM (except as described).

I. FAA recommends that all aircraft operators check notams frequently for possible changes to this TFR prior to operations within this region.

J. THE SYSTEM OPERATIONS SUPPORT CENTER (SOSC), IS THE POINT OF CONTACT AND COORDINATION FACILITY FOR ANY QUESTIONS REGARDING THIS NOTAM AND ARE AVAILABLE DAILY FROM 0700-2300 EASTERN, PHONE 202-267-8276.



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# Flight Plan

***VFR***

***I Filed, now what?***

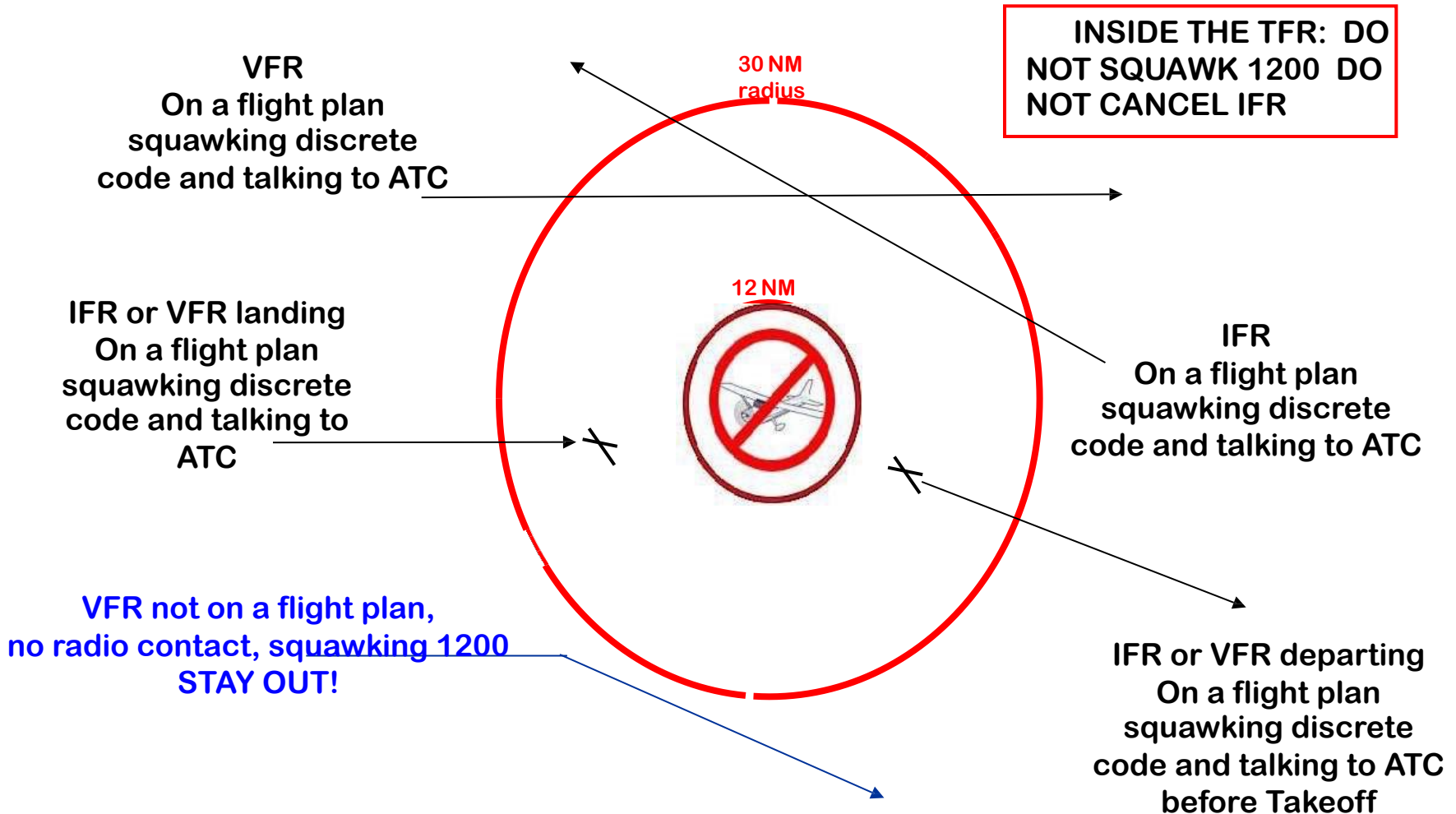


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# Operating Legally In And Out Of A TFR



These procedures describe a typical Security TFR. Check published TFR for any unique procedures.

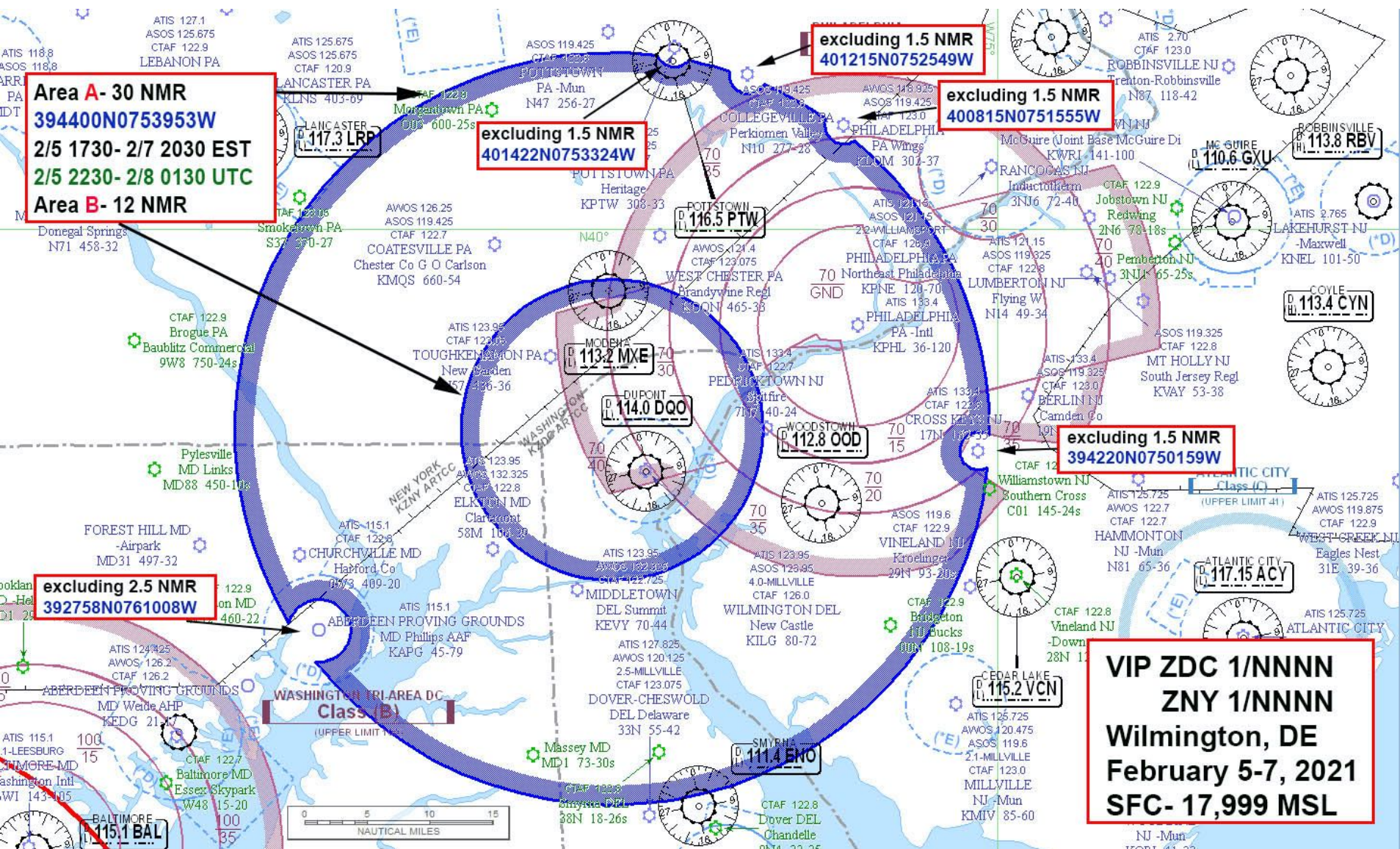


# Or

- **Avoid the TFR entirely**
  - Give it a 3-5 mile buffer
  - Violation based on ATC overlay, not your GPS



# Wilmington Presidential TFR





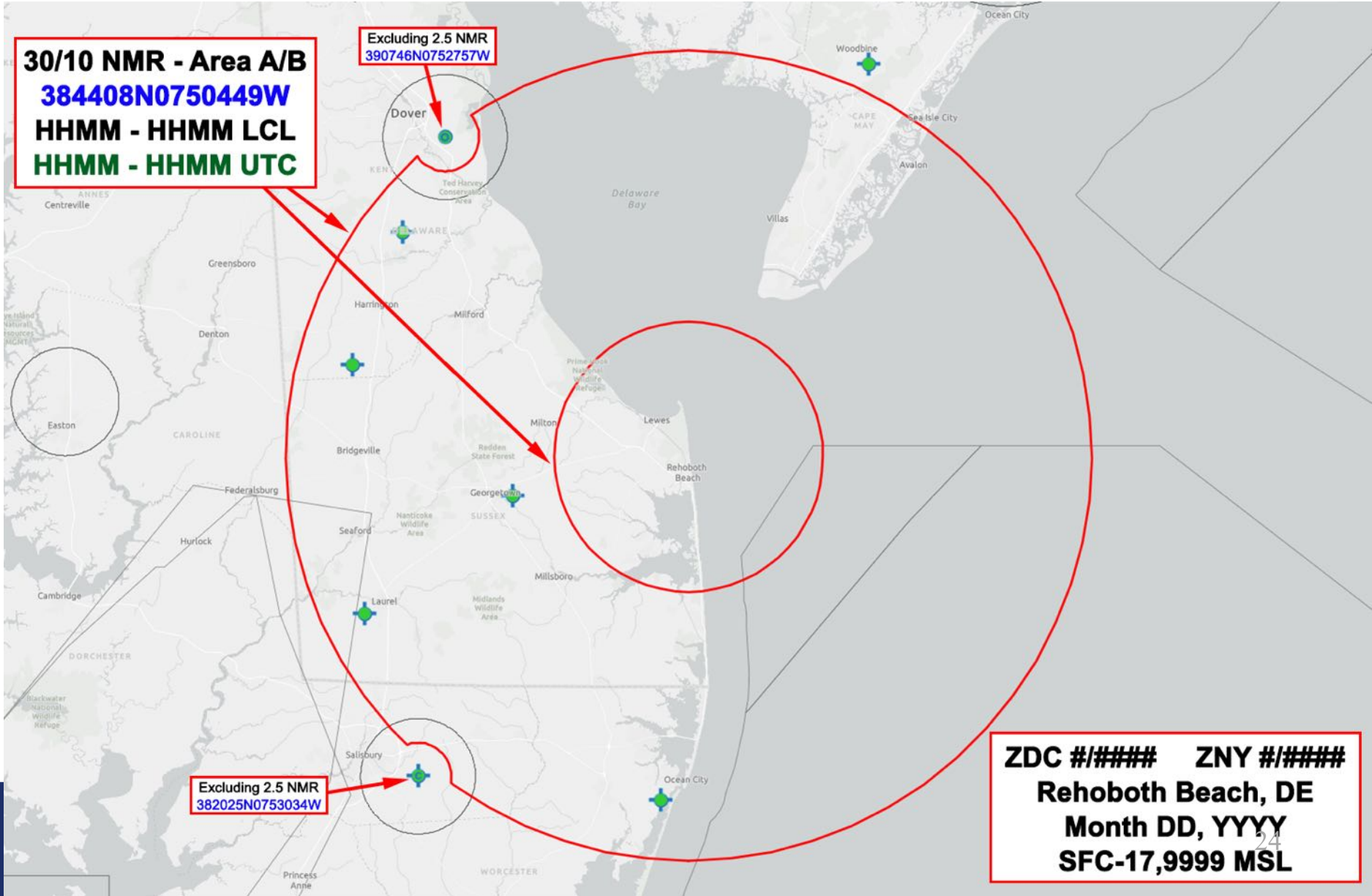
# Rehoboth Beach TFR

**30/10 NMR - Area A/B**  
**384408N0750449W**  
**HHMM - HHMM LCL**  
**HHMM - HHMM UTC**

Excluding 2.5 NMR  
390746N0752757W

Excluding 2.5 NMR  
382025N0753034W

**ZCZC #/#### ZNY #/####**  
**Rehoboth Beach, DE**  
**Month DD, YYYY**  
**SFC-17,9999 MSL**



# Generally Speaking within 12 NM

- The POTUS TFR will consist of a 12 nm inner core and a 30 nm outer core.
- When the TFR is active, *all operations will be prohibited in the 12 nm inner core of the TFR*, except:–
  - POTUS aircraft
  - Military aircraft supporting the U.S. Secret Service
  - Approved law enforcement, air ambulance, and firefighting operations
  - Scheduled commercial and cargo flights under TSA Standard Security Programs, if applicable.
  - General aviation aircraft using specific gateway airport screening procedures, which will be outlined in the TFRs, if applicable.
- If its not listed in not permitted!!



# Between 12.01 and 30 NM

- The POTUS TFR will consist of a 12 nm inner core and a 30 nm outer core.
- When the TFR is active, *Operations between the 12 and 30NM ring-*
- AIRCRAFT ARRIVING OR DEPARTING LOCAL AIRFIELDS,
- ***ALL AIRCRAFT MUST BE ON AN ACTIVE IFR OR FILED VFR FLIGHT PLAN WITH A DISCRETE CODE ASSIGNED BY AN AIR TRAFFIC CONTROL (ATC) FACILITY. AIRCRAFT MUST BE SQUAWKING THE DISCRETE CODE PRIOR TO DEPARTURE AND AT ALLTIMES WHILE IN THE TFR AND MUST REMAIN IN TWO-WAY RADIO COMMUNICATIONS WITH ATC.***
- AND WORKLOAD PERMITTING, ATC MAY AUTHORIZE TRANSIT OPERATIONS.
- AIRCRAFT MAY NOT LOITER.
- If its not listed it's not permitted!!





# Generally Speaking

- THE FOLLOWING OPERATIONS **ARE NOT AUTHORIZED** WITHIN THIS TFR:
- FLIGHT TRAINING, PRACTICE INSTRUMENT APPROACHES,
- AEROBATIC FLIGHT,
- GLIDER OPERATIONS,
- PARACHUTE OPERATIONS,
- ULTRALIGHT, HANG GLIDING,
- BALLOON OPERATIONS,
- AGRICULTURE/CROP DUSTING,
- ANIMAL POPULATION CONTROL FLIGHT OPERATIONS,
- BANNER TOWING OPERATIONS,
- SIGHTSEEING OPERATIONS,
- MAINTENANCE TEST FLIGHTS,
- MODEL AIRCRAFT OPERATIONS, MODEL ROCKETRY, UNMANNED AIRCRAFT SYSTEMS (UAS), AND UTILITY AND PIPELINE SURVEY OPERATIONS.



# Whoops!!!?

- I busted the Presidential TFR, now what?
  - How will I know
    - You may get to see a fighter jet or helicopter up close
    - ATC May call on the radio
  - Still in the air
    - You'll be notified
    - Someone may be waiting for you
  - Just landed
    - You'll be notified
    - Someone may be waiting for you
- The FSDO is calling
  - Should I answer/call them back

–YES



# Whoops!!!?

- What is the FSDO going to do to me?
  - Get to the root cause
  - Ensure you get training to prevent it from reoccurring
  - Ground and/or Flight Training
  - Certificate action (if you are a repeat offender)



# Signals Initiated by Intercepting Aircraft



Intercepting A/C	Meaning	Intercepted A/C	Meaning
<p>Rocking Aircraft &amp; Flashing Navigational Lighting – after acknowledgement, slow level turn to desired heading</p>	<p><i>Intercepted follow me</i></p>	<p><i>Rocking Aircraft &amp; Flashing Navigational Lighting – and <u>Following</u></i></p>	<p><i>Understood will comply</i></p>
<p>Abrupt break-away from intercept aircraft – climbing turn of 90 degrees w/o crossing line of flight of intercepted A/C</p>	<p><i>You may proceed</i></p>	<p><i>Rocking the Aircraft</i></p>	<p><i>Understood will comply</i></p>
<p>Lowering landing gear, showing steady landing lights and overflying runway in use</p>	<p><i>Land at this aerodrome</i></p>	<p><i>Lowering landing gear, showing steady landing lights and following the intercepting aircraft – proceed to land</i></p>	<p><i>Understood will comply</i></p>

# Signals Initiated by Intercepted Aircraft



<b>Intercepted A/C</b>	<b>Meaning</b>	<b>Intercepting A/C</b>	<b>Meaning</b>
<b>Raising landing gear/flashing landing lights while passing over runway in use – continuing to circle runway in use</b>	<b>Aerodrome designated is inadequate</b>	<ul style="list-style-type: none"> <li>- If desired that intercepted A/C follow to alternate – Intercepting A/C raises its gear.</li> <li>- If decide to release intercepted A/C – Intercepting A/C uses (You may proceed) signals – abrupt break-away</li> </ul>	<b>Understood follow me</b>
<b>Regular switching on and off of all available lights but in such a manner as to be distinct from flashing lights</b>	<b>Cannot comply</b>	<b>Rocking the Aircraft</b>	<b>Understood</b>
<b>Irregular flashing of all available lights</b>	<b>In distress</b>	(You may proceed) signals prescribed for intercepting aircraft – abrupt break-away	<b>Understood</b>

# Where did it say?

**GA Pilots- 14 CFR 91.103 & 91.141**

**UAS Pilots- 14 CFR 107.45 & 107.47**

**Rec Flyers- 44809**



# Questions?

## Thank you for attending

