



ELT-DT False Alert Analysis

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Procedure/Process

- Data supplied by NOAA; U.S. Mission Coord. Center.
- Summary Statistics and Geospatial/Temporal Trend Analysis completed.
- Identified users based on ICAO designation and type of activation.
- U.S. SARSAT PMO in the process of working with users to assist in their understanding and finding processes to decrease false alerts.
- Continue to work with users to provide updated data and increase understanding of problems.



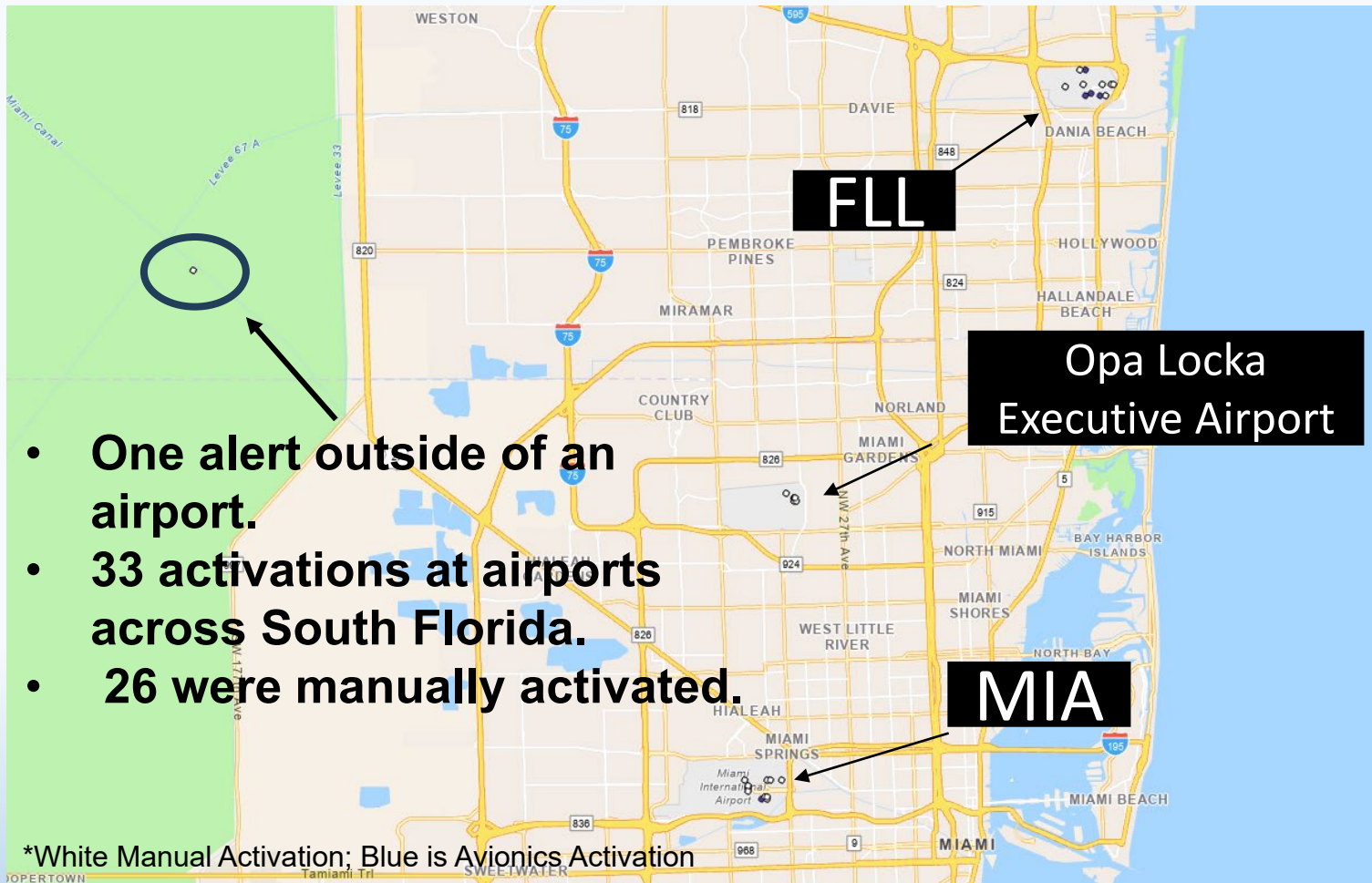
ELT-DT Alerts 01Jan25-19Feb26

- 1,235 cases/ 98,601 messages sent to Air Force Rescue Coordination Center (AFRCC). Results in 308 work hours.
- AFRCC receive 40% of worldwide solution.
- 102 alerts for non-US aircraft.
- Top four user make up 53% of activations sent.





Activations across South Florida

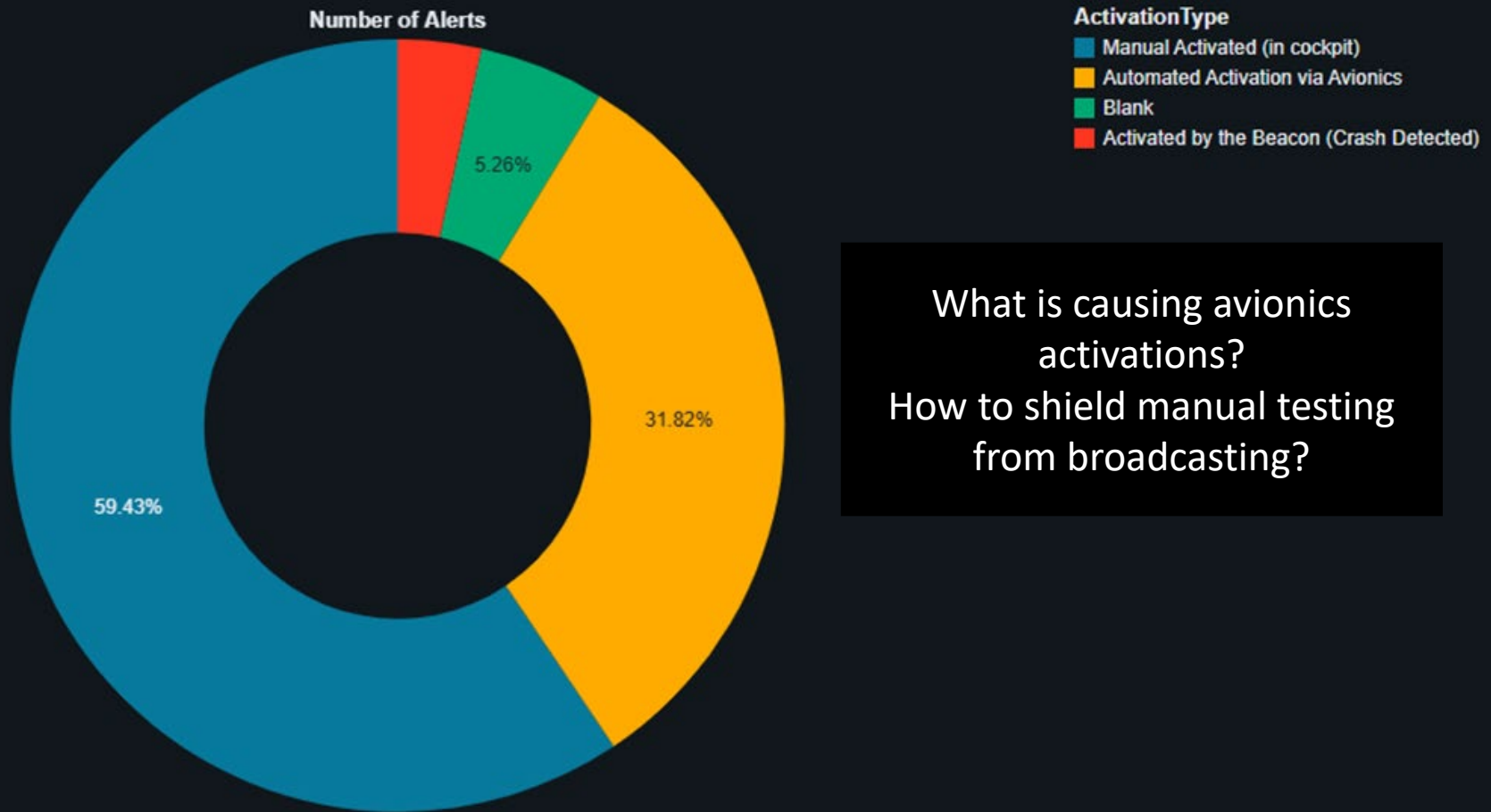


- One alert outside of an airport.
- 33 activations at airports across South Florida.
- 26 were manually activated.

*White Manual Activation; Blue is Avionics Activation



Avionics Activations vs Manual



What is causing avionics activations?
How to shield manual testing from broadcasting?



Questions & Feedback