



# USHST

**United States Helicopter Safety Team**

**Our Vision: A Civil Helicopter Community With Zero Accidents**



# Weather

## Session-2

**Facilitator: Eric Lugger**

***FEB 2016 Infrastructure Summit, Washington, D.C.***



# Topics of Discussion

- **HEMS Weather Tool**
- **AWOS & AIP Funding**
- **Future of MADIS**
- **FAA Aviation Weather Advisory Circulars**
- **Cockpit Weather Information**



# HEMS Weather Tool

- **Where is it today?**
- **Where is it going to be tomorrow?**
- **Is it a possible replacement for the area forecast?**



# AWOS & AIP Funding

- **Health Care District of Palm Beach County, FL, fly's IFR.**
- **Attempting to fund and install an AWOS-III PT at Palm Beach County Glades Airport (PHK).**
- **Airports District Office in Orlando FL classified as the site as LOCAL and that this project would only qualify for funding for an AWOS-II.**
- **FAR Part-135.611 IFR operations at locations without weather reporting.**



# AWOS & AIP Funding

- FAR Part-135.611 (a) (1) The certificate holder **must** obtain a weather report from a weather reporting facility operated by the NWS, a source approved by the NWS, or a source approved by the FAA, that is located **within 15 nautical miles** of the airport. **If a weather report is not available, the certificate holder may obtain the area forecast from the NWS**, a source approved by the NWS, or a source approved by the FAA, for information regarding the weather observed in the vicinity of the airport;



# Future of MADIS

- **Potential for integration of:**

**Non-aviation weather system information into MADIS**



# Weather Advisory Circular

- **FAA Aviation Weather Advisory Circular (AC 00-6B)**
  - **Changes and Updates**



# Cockpit Weather Information

- **Strategies to Improve Weather Information in the Cockpit**