



# USHST

**United States Helicopter Safety Team**  
Our Vision: A Civil Helicopter Community With Zero Accidents



# **USHST/IWG – 2018 Infrastructure Summit Washington, D.C.**

## ***Action Items***

***UCAR Offices, Washington, D.C.***



# National Airspace System (NAS)

- I. **Define industry objectives and goals in regards to NAS strategic plan.**
  - Helicopter industry needs to define rotorcraft operations in the future, end state (for PBN Strategy).



# National Airspace System (NAS)

## II. Continue to develop rotorcraft route structures and procedures RNP 0.3

- Rotorcraft industry needs higher level engagement as low level airspace becomes more heavily used by all current and evolving VTOL & UAS operations.
- Study to allow for dimensionally narrower routes RNP 0.1 (Mike W.)
- Route separation/deconfliction of airspace
- Lower into mountainous terrain
- Charting



# National Airspace System (NAS)

- III. Work with European and ICAO to develop best practices for lower minimums high performance navigation routing.**
  
- IV. Support RTCA PBN Route Recommendations for rotorcraft operations.**



# Heliports & Vertiports

- I. **5010 Database Accuracy:** Continue to work with FAA, NASAO, and industry to update data in 5010 database.
  
- II. **FAA- Form 5010 (Airport Master Record):** USHST/IWG to stand up a subcommittee working group to assist in designing a new 5010 form that is more heliport/vertiport centric.



# Heliports & Vertiports

**III. FAA Heliport Advisory Circular:** USHST/IWG to stand up a subcommittee working group to support and add input to the FAA for the next heliport advisory circular.

**IV. ASTM Vertiport Standards:** USHST/IWG to continue to support and participate in efforts of ASTM International to develop Vertiport Standards.



# Weather

- I. **HEMS Weather Tool:** Continue to work on evaluating additional data sources, e.g. federal and non-federal weather sources, to be integrated into the HEMS Weather Tools, to allow for the integration of these weather data sources, e.g. MADIS.
- II. **Weather Research:** Support NOAA/AWC joint research projects with FAA. Including a survey to identify enhancements for the HEMS Weather Tool.
- III. **Layered WX Display:** Evaluate using a layered display approach for displaying weather that is acceptable for a go decision vs. weather that is not.



# Weather

- IV. Weather Cameras:** Build on work and success that has been accomplished in Alaska, develop weather camera / meteorological demonstration project in CONUS.
- V. Ground vs. flight visibility** – evaluate comparative ground vs. inflight visibility.
- VI. In Cockpit Weather:** Continue to support the development of in cockpit weather and visibility solutions.





# Weather

**VII. AOPA AWOS Letter:** Follow up to FAA's response to AOPA's industry letter. Continue to advocate for additional weather source availability and integration through demonstration projects.



# IFR

- I. ENHANCE AND ENCOURAGE HELICOPTER IFR OPERATIONS**
- II. Single Engine IFR Concept of Operations**
- III. Support FAA testing and standards development for enhanced vision technology (Cliff)**



# Accident Investigation

- I. FAA Accident/Incident Report Form 8020-23:**  
Support and collaborate on the develop of a new FAA Accident/Incident Investigation Form 8020-23 that is helicopter specific.

This is a project that the FAA has secured funding for and is set to be developed in 2018.



# For Additional Information

- **Contact one of the following USHST Infrastructure Group members:**

**Thomas Judge**

Chair USHST/IWG

Email: [tjudge@ahs.emh.org](mailto:tjudge@ahs.emh.org)

Phone: (207) 973-6706

**Rex J. Alexander**

Member USHST/IWG

Email: [rex@heliexp.com](mailto:rex@heliexp.com)

Phone: (260) 494-0891

**Rachel Tester**

Member USHST/IWG

Email: [rightseatflyer@aol.com](mailto:rightseatflyer@aol.com)

Phone: (423) 902-4214