

The FAA Safety Team presents:

**Seeing Better than 20/20: Safety Improvements using AVS at  
HAI HELI-EXPO 2015**

Recent technological developments in head-mounted enhanced vision systems/synthetic vision systems (EVS/SVS) allow for new low-visibility operational concepts in helicopter flight operations. Helicopter point-in-space instrument procedure approach minimums have reached their limits with the current suite of visual aids available to pilots (displays, lighting, and markings). Lower minimums can be achieved using GPS wide area augmentation system (WAAS), but lower visibility minima can only be achieved with improved visual cues. The FAA has limited experience approving operations using these technologies on helicopters and is looking to the helicopter community for guidance, knowledge, and experience in this domain. This session will provide attendees with information on the FAA's planned approach to researching and solving this unique and exciting challenge, followed by a discussion of potential partnership opportunities with the helicopter community. This session is offered at the HAI Rotor Safety Challenge at HELI-EXPO 2015. Rotor Safety Challenge sessions are FREE to all HELI-EXPO 2015 attendees and exhibitors. Attend at least six Rotor Safety Challenge sessions and receive a certificate of recognition. Take the Safety Challenge in three simple steps: 1. Select safety

## Event Details

**Tue, Mar 3, 2015 - 13:00 EST**  
**Orange County Convention Center**

9990 International Drive  
Level III South  
Orlando, FL 32819



**Contact: HAI**  
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Select #: EA2560223  
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sessions to attend from the HAI Rotor Safety Challenge Schedule - <http://www.rotor.org/takethechallenge.2>. At the conclusion of each session, receive a token from the room monitor or presenter. 3. Once you have earned at least six chips, take them to the HAI Safety Committee Booth (#1115) to receive a certificate of recognition. Note: You must present your HELI-EXPO attendee badge to attend any Rotor Safety Challenge sessions. For more information contact HAI at 703-683-4646, or <mailto:education@rotor.org>.

**Directions:** Level III South

**A message from the National FAASafety Team Manager**

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at [www.FAASafety.gov](http://www.FAASafety.gov)!

The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.