

2014 HAI Rotor Safety Challenge

February 24–26 – Anaheim Convention Center

WWW.ROTOR.ORG/TAKETHECHALLENGE



Monday, February 24, 2014

8:00 AM – 12:00 PM	NTSB: Lessons Learned from Helicopter Accidents	This session will focus on lessons learned from National Transportation Safety Board (NTSB) investigations of recent helicopter accidents. Safety recommendations related to helicopter maintenance, pilot training, and flight recorders will be emphasized by NTSB investigators, who will present accident case studies. This will be followed by presentations from industry panelists who will highlight best practices based on their own experiences.
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Tuesday, February 25, 2014

8:30 AM – 9:30 AM	To Err Is Human: Helicopter Safety Systems Katherine Hilst, Safety Design Consulting <i>FAA AMT & Wings program credit</i>	Safety Culture and Leadership David M. Bjellos, Flight Safety Foundation <i>FAA AMT & Wings program credit</i>	Rotor Rooter: Rooting for Autorotational Success Steve Sparks, FAA <i>FAA Wings program credit</i>	NextGen Flight-Deck Technology for TSAA Robert Joslin, Ph.D., FAA <i>FAA Wings program credit</i>
9:30 AM – 11:30 AM	Safety Committee Town Hall <i>FAA AMT & Wings program credit</i>	David M. Eherts, Ph.D., chief safety officer for Sikorsky, will open this year's town hall by speaking on ROHSEI (return on health safety environment investment) and how effective safety habits become effective safety traits. In the second half, we will be looking for input from you: What safety resources are you looking for? Where should the industry focus its safety efforts? The HAI Safety Committee is listening! Come join the discussion on what HAI can do to help you make your organization safer.		
11:30 AM – 12:30 PM	Safety Directors Forum <i>FAA AMT & Wings program credit</i>	Led by HAI's Safety Committee, this session will cover important safety-related issues relevant to all safety managers and directors of operations. Attendees are encouraged to participate in the discussion and ask questions.		
1:00 PM – 2:00 PM	Aeronautical Knowledge vs. What Pilots Should Know: Part 1, Accident Prevention Scott Burgess, Embry-Riddle Aeronautical University <i>FAA Wings program credit</i>	The IIMC Threat: Avoidance and Survival Bryan Smith, ALEA and IHST <i>FAA Wings program credit</i>	Helicopter HUMS Case Study Murdock Welborn and Rob Richardson, Honeywell Aerospace <i>FAA AMT program credit</i>	Unintended Consequences of Technology Bruce Webb, American Eurocopter <i>FAA Wings program credit</i>
2:30 PM – 3:30 PM	Aeronautical Knowledge vs. What Pilots Should Know: Part 2, Problem Solving Scott Burgess, Embry-Riddle Aeronautical University <i>FAA Wings program credit</i>	How to Speak CFO: Communicating Safety to the Boss Daniel Deutermann, Rick Christoffersen, Bryan Smith, and Susan Tolle-Bryan of the IHST SMS Committee <i>FAA AMT & Wings program credit</i>	Risk Assessment Tools Are for Everyone to Use Sunshine McCarthy, Baldwin Aviation <i>FAA AMT & Wings program credit</i>	12 Classic Accident Pitfalls Nick Mayhew, Bristow Academy and IHST JHSIT Training Working Group <i>FAA AMT & Wings program credit</i>
3:00 PM – 4:00 PM	Land and LIVE! Matt Zuccaro, Paul Schaaf, and J. Heffernan, HAI <i>FAA Wings program credit</i>	HAI staff will look at accident examples and demonstrate how a precautionary landing would have broken the accident chain. Pledge cards will be distributed as well as sample language for possible addition to operations manuals or standard operating procedures. A discussion on landing zones will explore risk mitigation for any off-site landing, with special emphasis on site selection during urgent circumstances. Finally, HAI staff will discuss the practicalities of "Land and LIVE": how it can best be applied to an operation and managed within an operation's safety management system and just culture.		
4:00 PM – 5:00 PM	The Importance of an Integrated QMS and SMS in Helicopter Operations Chris Young, PRISM <i>FAA AMT & Wings program credit</i>	Creating a Just Culture: How Do We Get There? Eileen Frazer and Dudley Smith, CAMTS <i>FAA AMT & Wings program credit</i>	CFIT: Avoiding the Unexpected Sudden Stop Doug Stewart, SAFE <i>FAA Wings program credit</i>	The Full-Touchdown Auto Michael Becker, Becker Aviation <i>FAA Wings program credit</i>

TAKE THE CHALLENGE: Attend Six Rotor Safety Challenge Events and Receive a Certificate of Recognition!

Safety Education Events FREE
to HAI HELI-EXPO Registered
Attendees and Exhibitors –
Seating Is Limited

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Wednesday, February 26, 2014

8:30 AM – 9:30 AM	Breaking the Accident Chain: FAA Case Scenario Reb L. Risty, Jim Slattery, Jerry Henry, of Sandel Avionics <i>FAA Wings program credit</i>	Awake at the Stick: Managing Operational Fatigue Kevin Gregory, Alertness Solutions <i>FAA Wings program credit</i>	Aviation Law: What Pilots Need to Know Jon Kettles, the Kettles Law Firm <i>FAA Wings program credit</i>	Risk Management in a Complex Environment Jeffrey Kotson, Brim Aviation <i>FAA Wings program credit</i>
10:00 AM – 11:00 AM	Accident Causation and Prevention Lance Hofmann, EagleMed <i>FAA AMT & Wings program credit</i>	Safety Management Systems for Small-Fleet or Private Operators Bryan Smith, ALEA and IHST <i>FAA Wings program credit</i>	Aviation: A Risky Business Sunshine McCarthy, Baldwin Aviation <i>FAA AMT & Wings program credit</i>	Responders Are Different! Managing Responder Risks Paul S. Ratté, USAIG
11:30 AM – 12:30 PM	Application of Successful HUMS Practices and Technologies Lance Antolick, RMCI <i>FAA AMT & Wings program credit</i>	SMS Planning and Implementation in a Small Operation: A Case Study Sonya Tietjen, aviation safety consultant	The Hazardous Attitudes Lurking within You Daniel A. Doepker, Hillsboro Aviation <i>FAA AMT & Wings program credit</i>	Fuel: The Lifeblood of Your Aircraft Walter Chartrand, Aviation Training Academy <i>FAA AMT & Wings program credit</i>
1:00 PM – 2:00 PM	Safety Ignited! Bill DeReamer, Terry Bennett, Susan Tolle, and other members of the HAI Safety Committee <i>FAA AMT & Wings program credit</i>	Helicopter Safety through Flight-Data Management Keith M. Cianfrani, aviation safety consultant, and Stephen K. Cusick, Ph.D., Florida Institute of Technology College of Aeronautics <i>FAA AMT & Wings program credit</i>	Rotor Blade Preventive Maintenance Dana Kerrick, International Aviation Composites <i>FAA AMT program credit</i>	The Best Safety Device Is a Good Manager Walter Kraujalis, AeronomX <i>FAA AMT & Wings program credit</i>
2:30 PM – 3:30 PM	Human Factors in Helicopter Operation and Maintenance Sławomir Augustyn, Ph.D., National Defence University <i>FAA AMT & Wings program credit</i>	Safety Management through Flight-Data Monitoring Stuart “Kipp” Lau, CAE Flight scape and IHST <i>FAA AMT & Wings program credit</i>	IS-BAO: Building Blocks to a Better Safety Culture John Sheehan, IBAC	Aviation Human Factors: Protecting Us from Ourselves Jason Quisling, Air Methods Corporation and USHST <i>FAA AMT & Wings program credit</i>
4:00 PM – 5:00 PM	Facing the Future in Helicopter Training Terry Palmer and other members of the HAI Training Committee <i>FAA Wings program credit</i>	Helicopter Operator Structure and Pilot Responsibilities Michael Franz, Helicopter SBT <i>FAA Wings program credit</i>	Analysis Techniques for Helicopter Flight-Data Recordings Alan Barclay, University of Aberdeen <i>FAA AMT & Wings program credit</i>	HUMS 201: Taking Your CBM Program to the Next Level Daniel Green, Chevron <i>FAA AMT program credit</i>

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