



**HELI-EXPO 2014**

PRODUCED BY



**Anaheim, CA • February 24–27**

**Exhibits Open February 25–27**



***Engage in the  
Future of Vertical Flight***

**CONVENTION PREVIEW**



PHOTO BY STEVE FRANCIS



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## Exhibit Hall Essentials

**Anaheim Convention Center**  
800 West Katella Avenue  
Anaheim, CA 92802

### Tuesday, February 25

10:30 AM – 5:00 PM

### Wednesday, February 26

10:00 AM – 5:00 PM

### Thursday, February 27

10:00 AM – 4:00 PM

- ▶ 1 Million+ Square Feet of Exhibit and Meeting Space
- ▶ 20,000 Potential Buyers
- ▶ 700+ Exhibitors
- ▶ 60 Helicopters on Display
- ▶ International Press Exposure

HAI HELI-EXPO® is a production of Helicopter Association International (HAI) and is a registered trademark of HAI.

## HAI HELI-EXPO: Engage in the Future of Vertical Aviation

**Take Part in the Future.** Join more than 20,000 industry professionals in Anaheim, California, February 24–27, 2014, for the world’s largest helicopter trade show. HAI HELI-EXPO hosts forums, town halls, roundtables, and 14 HAI committee meetings where the industry comes together. Make this your year to get involved.

**Experience the Future.** Discover ways to enhance your company’s performance through the innovative products and services for the rotorcraft industry that will be showcased at HAI HELI-EXPO this February. Connect face-to-face with current vendors and meet new suppliers offering the latest technologies on our busy show floor.

**Invest in the Future.** HAI HELI-EXPO provides numerous ways for you to further your career. Attendees take HAI Professional Education courses, sit in on free expert-led safety sessions, renew their inspection authorization certificates, attend the HAI Helicopter Industry Job Fair, and more.

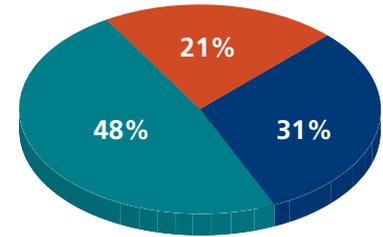
Except as otherwise noted, all photos courtesy of Lagniappe Studio, Inc.

# Attendee Profile

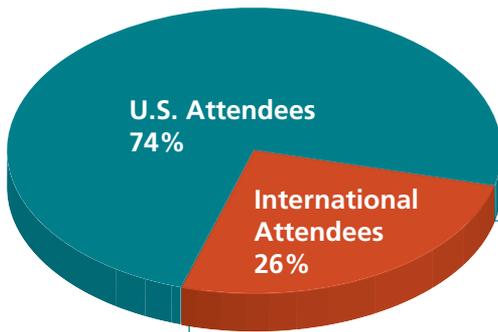
## WHO ATTENDS HAI HELI-EXPO?

- ▶ Helicopter manufacturers
- ▶ Helicopter pilots, owners, operators, and students
- ▶ Aviation maintenance technicians and students
- ▶ Distributors of products and services for the helicopter industry
- ▶ Training schools and education institutions
- ▶ U.S. and international government, regulatory, and military agencies
- ▶ YOU! (Remember, your competition will be there!)

## Position



- C-Level Management
- Sales/Marketing/Consultant
- Operations/Maintenance/Administration



## International Representation by Region

International attendees come from literally all over the world to gather with industry professionals.



Twenty-six percent of attendees come from outside the United States.

“HAI HELI-EXPO helped us work out issues with existing suppliers and find new ones. We significantly reduced the cost of our insurance while increasing coverage through contacts made at the show.”

– Stephen Bradshaw, Aerial Operations Supervisor  
Florida Keys Mosquito Control District

# HAI HELI-EXPO 2014 Preliminary Schedule

This preliminary schedule is subject to change. Reconfirm dates, times, and locations on site; complete information will be printed in the HAI HELI-EXPO 2014 *Program & Exhibit Guide*.

**Back by Popular Demand!** Take the 2014 HAI Rotor Safety Challenge! It's **free** for HAI HELI-EXPO 2014 attendees and exhibitors. All Challenge events are marked RSC below; learn more on page 8.

## THURSDAY, FEBRUARY 20 – SATURDAY, FEBRUARY 22, 2014

8:00 AM – 5:00 PM Professional Education Courses\* (see page 23 for more details)

## SUNDAY, FEBRUARY 23, 2014

8:00 AM – 5:00 PM Professional Education Courses\* (see page 23 for more details)

12:00 PM – 6:00 PM HFI Scholarship Fundraising Golf Tournament\* (Oak Creek Golf Club)

1:00 PM – 3:30 PM Helicopter Tour Operators Committee Meeting

## MONDAY, FEBRUARY 24, 2014

8:00 AM – 5:00 PM Professional Education Courses\* (see page 23 for more details)

8:00 AM – 12:00 PM NTSB: Lessons Learned from Helicopter Accidents (RSC)

9:00 AM – 3:00 PM Technical Committee Meeting

2:00 PM – 4:00 PM Electronic News Gathering Committee Meeting

7:00 PM – 8:30 PM **HAI Welcome Reception**

## TUESDAY, FEBRUARY 25, 2014

8:00 AM – 12:00 PM Professional Education Courses\* (see page 23 for more details)

8:00 AM – 10:00 AM **HAI Annual Membership Meeting & Breakfast**

9:30 AM – 12:30 PM Voting for the HAI Board of Directors (for Regular Members Only)

8:30 AM – 5:00 PM HAI Rotor Safety Challenge Sessions (RSC; see page 8 for more details)

8:30 AM – 10:30 AM Introduction to HAI Accreditation Program of Safety and Overview of IS-BAO

9:30 AM – 12:30 PM CFI Mentoring Program

9:30 AM – 12:30 PM ICAO Annex 14 Update Workshop

9:30 AM – 11:00 AM HAI Finance and Leasing Committee 6th Annual Roundtable

9:30 AM – 11:30 AM Safety Committee Town Hall (RSC)

10:00 AM – 5:00 PM Manufacturer Technical Briefings (see page 7 for more details)

10:15 AM – 10:30 AM **HAI HELI-EXPO Opening Ceremony**

10:30 AM – 5:00 PM **Exhibit Hall Open**

10:30 AM – 5:00 PM **HAI Helicopter Industry Job Fair**

11:30 AM – 12:30 PM Safety Directors Forum (RSC)

12:30 PM – 1:30 PM HFI Pilot Mentoring Panel

1:00 PM – 3:00 PM Air Medical Committee Meeting

1:30 PM – 2:30 PM HFI Industry Outreach to Students Panel

2:00 PM – 4:00 PM Utilities, Patrol, and Construction Committee Meeting

2:30 PM – 3:30 PM HFI Maintenance Tech Mentoring Panel

3:00 PM – 4:00 PM Land & LIVE! (RSC)

5:30 PM – 7:30 PM Twirly Birds Annual Meeting

## WEDNESDAY, FEBRUARY 26, 2014

8:00 AM – 5:00 PM Manufacturer Technical Briefings (see page 7 for more details)

8:00 AM – 10:00 AM Flight Operations Committee Meeting

8:00 AM – 10:00 AM Government Service Committee Meeting

8:30 AM – 5:00 PM HAI Rotor Safety Challenge Sessions (RSC; see page 8 for more details)

*\*Separate registration/ticket required.*

## Top 10 Reasons to Attend HAI HELI-EXPO

We think there are 100 reasons you should attend HAI HELI-EXPO, but here's our Top 10:

- 1. CONNECT** with more than 700 leading industry suppliers on our comprehensive show floor.
- 2. DEVELOP** strategic connections with 20,000+ industry professionals from more than 90 countries.
- 3. CAPITALIZE** on the trends that will drive the future of the industry by attending manufacturer technical briefings, workshops, forums, and other special events.
- 4. WORK SMARTER** by attending the HAI Rotor Safety Challenge, 44 expert-led safety sessions throughout the show, all free to attendees and exhibitors.
- 5. BUILD** networks within the industry through HAI's 14 committee meetings and other member events.
- 6. RENEW** your inspection authorization certificate.
- 7. QUALIFY** for continuing education credits, including FAA-accepted courses for flight instructor refresher and the FAA AMT and Wings programs.
- 8. REACH** your professional development goals by attending HAI's Professional Education courses in safety, pilot skills, maintenance skills, management skills, and career development.
- 9. EXPERIENCE** the latest that the industry has to offer through hands-on demonstrations, including 60+ helicopters on the show floor.
- 10. DISCOVER** future career opportunities with potential employers and employees at the HAI Helicopter Industry Job Fair.

8:30 AM – 10:00 AM	Finance and Leasing Committee Meeting
8:30 AM – 9:30 AM	Safety Committee Meeting
9:00 AM – 10:00 AM	<b>General Aviation Association CEO Town Hall</b>
10:00 AM – 5:00 PM	<b>Exhibit Hall Open</b>
10:00 AM – 12:00 PM	Aerial Firefighting and Natural Resources Committee Meeting
10:00 AM – 12:00 PM	Business Management Workshop
10:30 AM – 12:30 PM	Fly Neighborly / Environmental Committee Meeting
10:30 AM – 12:30 PM	Training Committee Meeting
1:00 PM – 4:00 PM	Heliport Committee Meeting
1:00 PM – 3:00 PM	Annual DOI/USFS Interagency Fire Briefing
1:00 PM – 3:00 PM	Business Management Committee Meeting
8:00 PM – 11:30 PM	<b>HAI Salute to Excellence Awards Dinner*</b>

### THURSDAY, FEBRUARY 27, 2014

8:00 AM – 4:00 PM	Fundamentals of IS-BAO Workshop* (register at <a href="http://bit.ly/isbao_reg">bit.ly/isbao_reg</a> )
8:00 AM – 12:00 PM	Chief Pilot Roundtable
8:00 AM – 10:00 AM	Affiliate Symposium
9:00 AM – 10:00 AM	<b>Meet the Regulators</b>
10:00 AM – 4:00 PM	<b>Exhibit Hall Open</b>
10:30 AM – 12:00 PM	Wildlife Hazards to Rotorcraft and Wildlife Strike Reporting Awareness
1:00 PM – 2:30 PM	Huey Owners and Type Certificate Holders Forum
7:00 PM – 10:00 PM	International Helicopter Safety Symposium Banquet* (register at <a href="http://ihst.org">ihst.org</a> )

### FRIDAY, FEBRUARY 28 – SUNDAY, MARCH 2, 2014

8:00 AM – 5:30 PM	International Helicopter Safety Symp. Interactive Sessions* (Friday only; register at <a href="http://ihst.org">ihst.org</a> )
8:00 AM – 5:00 PM	Professional Education Courses* (see page 23 for more details)
8:00 AM – 4:00 PM	IS-BAO Auditor Accreditation Workshop (Friday only)*

\*Separate registration/ticket required.

## Special Events

### HFI Scholarship Fundraising Golf Tournament

SUN., FEB. 23 || NOON – 6:00 PM

OAK CREEK GOLF CLUB, IRVINE, CA

Hitting the links is a great way to start off Expo! And all proceeds go to the HFI Scholarship Fund. For more information or to register online, visit [rotor.org/golf](http://rotor.org/golf).

	Individual	Individual Plus*
Ticket	\$205	\$225

\*Includes 2 mulligans. Mulligans will not be sold on site.

### HAI Welcome Reception

MON., FEB. 24 || 7:00 PM – 8:30 PM

ANAHEIM GRAND PLAZA (OUTSIDE)

Join the HAI Board of Directors as they welcome attendees and exhibitors to HAI HELI-EXPO 2014. Connect with friends and make new industry contacts — everyone is invited! Invitations will be included with registration materials. If you arrive in Anaheim too late to pick up your registration materials, your business card will admit you to the party.

### HAI Annual Membership Meeting & Breakfast

TUE., FEB. 25 || 8:00 AM – 10:00 AM

ANAHEIM CONVENTION CENTER

Join us to hear the latest HAI reports and meet this year's slate of candidates for election to the HAI Board of Directors. Make an informed voting decision: plan on attending this year's meeting! Remember, associations are only as strong as the degree to which their members participate.



### HFI Annual Silent Auction – Goes Online!

MON., FEB. 3 – THU., FEB. 27

This year's HFI Silent Auction will be online, allowing it to reach thousands of potential aviation enthusiasts and bidders. Bidders will be able to register and bid 24/7 throughout this period.

The auction is a terrific way to show your support for HFI and the industry's future! Please consider making a tax-deductible donation: both items and monetary donations are welcome. For more information, visit [helicopterfoundation.org](http://helicopterfoundation.org) or email questions to [auction@rotor.org](mailto:auction@rotor.org).

Proceeds will go to HFI's Scholarship Program — an important program for growing the ranks of our future pilots and mechanics — as well as to support HFI's efforts to preserve the history of the helicopter industry.

### Salute to Excellence Awards Dinner

WED., FEB. 26 || 8:00 PM – 11:30 PM || ANAHEIM MARRIOTT

For more than 50 years, HAI has recognized the outstanding achievements and exceptional merits of individuals and organizations through the Salute to Excellence Awards. This annual awards dinner is the premier event of HAI HELI-EXPO.

Tickets can be purchased online when you register for HAI HELI-EXPO or on site at Attendee Registration. If you are attending with a corporate group or friends, consider reserving your own table for 10. (Note: attendance at the Salute to Excellence Awards dinner is not included in your HAI HELI-EXPO registration fee.)

Ticket	Early-Bird Rate (by 1/10/14)	Regular Rate (after 1/10/14)
Individual		
HAI Member	\$75	\$85
Nonmember	\$90	\$100
Table for 10		
HAI Member	\$675	\$765
Nonmember	\$810	\$900

## CHILDREN AND STROLLERS



Registration for children age 14 and under is free. However, children must wear a youth badge, which can be picked up in Attendee Registration on site. All children must be accompanied by an adult.

Children are only permitted inside the exhibit hall during show hours; no one under the age of 18 is allowed on the show floor during move-in/move-out times. If you have any questions, see show management.

The nature of displays at HAI HELI-EXPO can cause people to look up, rather than below, in front, or around them. For this reason, HAI has a strict policy: **strollers will not be allowed into the exhibit hall at any time.** No exceptions will be made. Strollers must be left at the Bag/Coat Check area.

## IA Renewals

### Renew Your Inspection Authorization Certificate

HAI HELI-EXPO 2014 offers many convenient paths to renew your inspection authorization (IA) certificate:

- **Manufacturer Technical Briefings:** Offered February 25 and 26, these one-hour sessions give the most up-to-date details on different helicopter airframe and engine models. See the schedule below for more details.
- **Why SMS in Maintenance?:** This FREE four-hour educational course provides maintenance professionals with the tools they need to improve efficiency and reduce risk. See page 32 for details and registration information.
- **HAI Professional Education courses:** Six fee-based education courses, all offered between February 21 through 24, include IA renewal credit and provide a variety of topics for you to explore in depth. See the Professional Education section beginning on page 23 for more details.

Each path offers helicopter maintenance professionals a different way to renew their IA certificate, based on their individual needs — whether they are looking to attend an in-depth workshop and earn credit hours before HAI HELI-EXPO begins or prefer to attend short sessions throughout the show.

For more information, visit the on-site Education Course Registration Desk or contact [education@rotor.org](mailto:education@rotor.org).

## Manufacturer Technical Briefings

### Anaheim Convention Center

#### Tuesday, February 25

Section 1		Section 2
Bell 204/205/212/412	10:00 AM	Rolls-Royce M250
Bell 206B/206L/407	11:00 AM	P&W PT6
Bell 222/230/430/427/429	12:00 PM	P&W PT6C-67
Sikorsky Light Helicopter	1:00 PM	P&W PW200
Enstrom TH28/480,F28/280	2:00 PM	Sikorsky S76
Scott's Bell 47	3:00 PM	Sikorsky S61
Robinson R22/R44/R66	4:00 PM	Sikorsky S92

#### Wednesday, February 26

Section 1		Section 2
Lycoming Piston Engines	9:00 AM	AgustaWestland AW139
MD 500E/500F	10:00 AM	AgustaWestland AW109/119
MD 520N/600N	11:00 AM	EC 120
MD 900/902	12:00 PM	EC 145/BK 117
Honeywell T53	1:00 PM	EC 135
Honeywell LTS 101	2:00 PM	AS350/AS355/EC130
Honeywell-Bendix Pneumatic Mechanical Controls	3:00 PM	Turbomeca Arriel
Rolls-Royce RR300	4:00 PM	Turbomeca Arrius/Makila

 *HAI HELI-EXPO lets me market to the world in one place.*

– Phil Antosh, President  
AMC Aerospace Consultants Inc

## Sponsorships

### Broaden Your Competitive Edge with Increased Visibility!

Become an HAI HELI-EXPO sponsor and get your company name out as an industry leader at the premier helicopter event of the year. A wide variety of sponsorship opportunities are available — everything from receptions and golf tournaments to tote bags and bus wraps.

HAI and HFI now offer sponsorship and recognition bundles. When you invest in any HAI HELI-EXPO sponsorships, your recognition level will be based on your total sponsorship investment — whether you choose Show Sponsorships, HFI Sponsorships, or Professional Education Sponsorships. No extra work is required on your part: HAI and HFI will track your total investment and ensure you get the recognition you deserve.

For more information, visit [rotor.org/heliexpo](http://rotor.org/heliexpo) or contact **Lisa Henderson**, Director of Sales, at [lisa.henderson@rotor.org](mailto:lisa.henderson@rotor.org) or 703-683-4646.

# 2014 HAI Rotor Safety Challenge Sessions

FREE to All HELI-EXPO Attendees and Exhibitors



After a successful debut at HAI HELI-EXPO 2013, the Rotor Safety Challenge is back! HAI will once again present a series of free safety education events for registered Expo attendees and exhibitors.

There is something for every aviation professional in the 44 Rotor

Safety Challenge events — from aviation law for pilots to best practices for fuel management to building the financial case for your safety budget. Other events will feature investigators from the National Transportation Safety Board presenting accident case studies, and the HAI Safety Committee reaching out to the Expo attendees to take the pulse of safety in helicopter aviation.

Most events are eligible for FAA Wings and AMT program credits. Attendees who attend at least six Rotor Safety Challenge events are eligible to receive a certificate of recognition.

For an overview of all Rotor Safety Challenge events, see the schedule on page 16. Brief descriptions of all 41 one-hour sessions are below; more information is available at [rotor.org/takethechallenge](http://rotor.org/takethechallenge).

## 12 Classic Accident Pitfalls

FEB. 25, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Nick Mayhew, general manager, Bristow Academy; chair, IHST JHSIT Training Working Group

**Professional Development Credit:** FAA AMT and Wings program credit

Based upon the 12-point list of dangerous things to do in flight issued by the International Helicopter Safety Team, this fast-moving, dynamic presentation defines the wrong things to do, illustrates how they can be dangerous by discussing actual accident situations, and presents alternative methods to get the mission done without resorting to unsafe practices.

## Accident Causation and Prevention

FEB. 26, 2014 || 10:00 AM – 11:00 AM

**Instructor:** Lance Hofmann, director of environmental health and safety, EagleMed, LLC

**Professional Development Credit:** FAA AMT and Wings program credit

To design, develop, and implement an effective accident prevention program, an organization must first understand what causes accidents. This session describes a model for accident causation that addresses organizational features and conditions that may cause an accident.

## HAI ROTOR SAFETY CHALLENGE

- 44 safety education events free to all HAI HELI-EXPO attendees and exhibitors
- Many events are eligible for FAA Wings and AMT program credits
- Take the Challenge: attend at least six Rotor Safety Challenge events and receive a certificate of recognition.

## Aeronautical Knowledge vs. What Pilots Should Know: Part 1, Accident Prevention

FEB. 25, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Scott Burgess, assistant professor, Embry-Riddle Aeronautical University – Worldwide

**Professional Development Credit:** FAA Wings program credit

This session offers an in-depth look at aeronautical knowledge, decision making, and understanding of limitations. This presentation is a combination of applying practical knowledge beyond the *Helicopter Flying Handbook* and the research of the International Helicopter Safety Team Analysis Team, with a focus on accident prevention. Ideal for all experience levels, this presentation evolved from extensive research for *The Reality of Aeronautical Knowledge: The Analysis of Accident Reports Against What Aircrews are Supposed to Know*.

“HAI HELI-EXPO is the one event that brings together all segments of the industry, providing an incredible venue for networking and product exploration.

– Mark Gibson, General Manager  
Timberland Logging

## Aeronautical Knowledge vs. What Pilots Should Know: Part 2, Problem Solving

FEB. 25, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Scott Burgess, assistant professor, Embry-Riddle Aeronautical University – Worldwide

**Professional Development Credit:** FAA Wings program credit

Continuing the discussion from Part 1 on aeronautical knowledge and accident research, this part delves into discovering the source of the accident problem and strategies to solve it. How can owner/operators, certificated flight instructors, chief operating officers, and small-company owners change the game using accident data as a catalyst?

## Analysis Techniques for Helicopter Flight-Data Recordings

FEB. 26, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Alan Barclay, flight data recorder researcher, Department of Engineering, University of Aberdeen, U.K.

**Professional Development Credit:** FAA AMT and Wings program credit

Simple sensor-based and image-based flight data recorders are suitable for all general aviation and can provide a wealth of useful information: to operators about their day-to-day operations; to flight instructors and their students regarding flight training progress; to maintenance engineers in the form of diagnostics; and to accident investigators in the event of an incident. Attendees will learn to use data sets and simple hardware tools to deliver significant safety and cost benefits.

## Application of Successful HUMS Practices and Technologies

FEB. 26, 2014 || 11:30 AM – 12:30 PM

**Instructor:** Lance Antolick, RMCI, Inc.

**Professional Development Credit:** FAA AMT and Wings program credit

This session is designed to help students better utilize their health and usage monitoring system (HUMS). Going beyond the basics, this course will teach best practices for HUMS implementation and the interpretation of HUMS data, as well as give an overview of emerging technologies that complement a HUMS program. This course will benefit anyone who is currently using HUMS or considering implementation.

## Aviation: A Risky Business

FEB. 26, 2014 || 10:00 AM – 11:00 AM

**Instructor:** Sunshine McCarthy, director of training, Baldwin Aviation, Inc.

**Professional Development Credit:** FAA AMT and Wings program credit

In this session, we will explore how humans think about safety. Where do our judgments about risk come from? Should our tolerance for risk change or should we identify an acceptable level of risk and stick with it? Attendees will learn how their organization's mission and human demographics affect risk tolerance and how that can affect a safety culture.

## Aviation Human Factors: Protecting Us from Ourselves

FEB. 26, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Jason Quisling, aviation compliance evaluator for Air Methods Corporation, member of the U.S. Helicopter Safety Team (USHST)

**Professional Development Credit:** FAA AMT and Wings program credit

It has been said that there are no new accidents. So why do we continue to keep making the same mistakes? This session will use case studies and video to examine the answers to this question. In the process, participants will be introduced to human factors and error management theory.

## Aviation Law: What Pilots Need to Know

FEB. 26, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Jon Kettles, attorney, the Kettles Law Firm

**Professional Development Credit:** FAA Wings program credit

Pilots are expected to know and follow the federal aviation regulations but have likely never heard about other important legal rights and responsibilities necessary to protect themselves professionally and financially. The primary objective of this session is to inform pilots about legal issues and standards applicable to their decision making and flight operations. History shows that better-informed pilots are more likely to follow the legal standards of conduct and are less likely to be involved in accidents. Bring your questions to ask an aviation lawyer.

## Awake at the Stick: Managing Operational Fatigue

FEB. 26, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Kevin Gregory, vice president and senior scientist, Alertness Solutions

**Professional Development Credit:** FAA Wings program credit

Fatigue in transportation operations is recognized as a significant safety issue by organizations such as the FAA, National Transportation Safety Board, and International Civil Aviation Organization. Fatigue risk management systems are the newest addition to the fatigue management toolkit and provide a framework for processes that can be applied in operations large and small. Drawing on years of experience in research and operational settings, this session will present effective and practical strategies and tools for managing operational fatigue risks.

## The Best Safety Device Is a Good Manager

FEB. 26, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Walter Kraujalis, AeronomX LLC

**Professional Development Credit:** FAA AMT and Wings program credit

The manager of a helicopter operation has a tremendous responsibility of leadership, developing the work culture, implementing and monitoring processes, and building teamwork. Unfortunately many managers are thrust into the position with little attention given to their actual management skills. Fortunately management skills can be learned. This course outlines the skills necessary to be a good manager and how to obtain them.

## Breaking the Accident Chain: FAA Case Scenario

FEB. 26, 2014 || 8:30 AM – 9:30 AM

**Instructors:** Reb L. Risty, director of marketing and communications, Sandel Avionics; Jim Slattery, chief pilot, Sandel Avionics; Jerry Henry, director of technical sales, Sandel Avionics

**Professional Development Credit:** FAA Wings program credit

This interactive session will define controlled flight into terrain (CFIT) and present the latest statistics and challenges in regards to wire strikes, obstacles, and terrain avoidance, as well as present a high-level overview of the current state of the safety culture in

the industry. Participants will be guided through a real-world FAA CFIT case using the latest helicopter terrain awareness and warning system (HTAWS) technology and will also receive an update on the current HTAWS mandate in the helicopter air ambulance sector.

## CFIT: Avoiding the Unexpected Sudden Stop

FEB. 25, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Doug Stewart, executive director of the Society of Aviation and Flight Educators (SAFE)

**Professional Development Credit:** FAA Wings program credit

Almost all controlled flight into terrain (CFIT) accidents result in injury or loss of life and the knowledge that the accident was preventable. Doug Stewart will discuss the causal factors of these unnecessary accidents and provide guidance on ensuring that your flight won't end with CFIT. Any pilot, regardless of experience, can learn ways to mitigate the potential for a CFIT accident.

## Creating a Just Culture: How Do We Get There?

FEB. 25, 2014 || 4:00 PM – 5:00 PM

**Instructors:** Eileen Frazer and Dudley Smith of the Commission on Accreditation of Medical Transport Systems (CAMTS)

**Professional Development Credit:** FAA AMT and Wings program credit

One key to the successful implementation of a safety management system is to attain a *just culture* reporting environment within an organization. A just culture is an atmosphere of trust in which people are encouraged to provide essential safety-related information — and where a line is drawn between acceptable and unacceptable behavior. Attendees will learn the path to creating a just culture and the obstacles to its implementation.

## Facing the Future in Helicopter Training

FEB. 26, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Terry Palmer, and members of the HAI Training Committee

**Professional Development Credit:** FAA Wings program credit

The HAI Training Committee will provide an overview of the training sector of the helicopter industry and the safety challenges associated with various areas

of training. The panel will examine the relationship between the shortage of pilots and mechanics and the availability of training. The panel discussion will provide participants with an opportunity to discuss the challenges faced by certificated flight instructors (CFI), the availability of examiners, and maintenance training options.

### Fuel: The Lifeblood of Your Aircraft

FEB. 26, 2014 || 11:30 AM – 12:30 PM

**Instructor:** Walter Chartrand, Aviation Training Academy

**Professional Development Credit:** FAA AMT and Wings program credit

This session will present a comprehensive seminar on fuel specifications, proper receipt procedures, and field quality-control tests to ensure that on-specification, clean, and dry product is delivered to your aircraft. Attendees will also learn about fuel specifications from ASTM International, along with standard industry practices for the receiving of aviation fuels. Pilots, mechanics, and facility operations personnel will come

away with an understanding of the safety issues when working with and around aviation fuels.

### The Full-Touchdown Auto

FEB. 25, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Michael Becker, Becker Aviation

**Professional Development Credit:** FAA Wings program credit

This session will cover the techniques and essentials for a full-touchdown instruction method.

### The Hazardous Attitudes Lurking within You

FEB. 26, 2014 || 11:30 AM – 12:30 PM

**Instructor:** Daniel A. Doepker, Hillsboro Aviation

**Professional Development Credit:** FAA AMT and Wings program credit

Attendees will review the five hazardous attitudes identified by the FAA as negatively affecting pilot decision making: antiauthority, impulsivity, invulnerability, macho, and resignation. We'll look at not only the rote definition but also their practical



application and manifestation in our daily operations. We will evaluate incident reports and real-life stories to find hazardous attitudes, which will be dissected to show that hazardous attitudes exist in us all and are trying hard to get out. The session will wrap up with a discussion on how to recognize and prevent these attitudes and the accidents they cause.

### Helicopter HUMS Case Study

FEB. 25, 2014 || 1:00 PM – 2:00 PM

**Instructors:** Murdock Welborn and Rob Richardson of Honeywell Aerospace

**Professional Development Credit:** FAA AMT program credit

This session will present information on the history, implementation, and value of health and usage monitoring systems (HUMS), including analysis and findings of real case studies, the benefits of flight data monitoring on decision making, the impact of human factors, and the business case for improved maintenance and safety.

### Helicopter Operator Structure and Pilot Responsibilities

FEB. 26, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Michael Franz, pilot and aviation educator, HelicopterSBT

**Professional Development Credit:** FAA Wings program credit

In this session, pilots will learn what helicopter operators put into a daily and ongoing business environment and what a pilot's expected responsibilities and standards should encompass. Participants will be asked to revisit attitudes that stress the "thrill" of flying a helicopter and carry a disregard for human life and safety and replace them with the ideals of a safety culture.

### Helicopter Safety through Flight-Data Management

FEB. 26, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Keith M. Cianfrani, aviation safety consultant, and Stephen K. Cusick, Ph.D., chair of graduate programs of the Florida Institute of Technology College of Aeronautics

**Professional Development Credit:** FAA AMT and Wings program credit

This session will present flight-data monitoring (FDM) products and services as a voluntary mechanism

for safety. Attendees will cover the state-of-the-art of rotorcraft FDM products and services, and identify shortcomings with corresponding means of improvement as supported by data analysis and engagement with subject-matter experts.

### How to Speak CFO: Communicating Safety to the Boss

FEB. 25, 2014 || 2:30 PM – 3:30 PM

**Instructors:** Daniel Deutermann, Rick Christoffersen, Bryan Smith, and Susan Tolle-Bryan of the International Helicopter Safety Team SMS Committee

**Professional Development Credit:** FAA AMT and Wings program credit

Safety officers often struggle to justify their initiatives for the additional personnel, tools, or consulting services necessary to augment their safety management system (SMS). They often have to convince the organization's CFO, who may have little understanding of the impact that minor incidents have on the bottom line, to appropriate additional funds for safety. This session will assist safety officers or directors of safety in making a business case for safety management systems and obtaining the budget to support an SMS program.

### Human Factors in Helicopter Operation and Maintenance

FEB. 26, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Sławomir Augustyn, Ph.D., assistant professor, National Defence University, Warsaw, Poland

**Professional Development Credit:** FAA AMT and Wings program credit

This session looks at decision making in regard to safety in aviation project management and helicopter maintenance, including risk assessment and ground inspections.

### HUMS 201: Taking Your CBM Program to the Next Level

FEB. 26, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Daniel Green, Chevron

**Professional Development Credit:** FAA AMT program credit

This session will cover helicopter vibration systems, vibration analysis, and the concept of condition-based maintenance (CBM), as well as the history of its use from an actual maintainer's perspective. More

importantly, the presenter will reveal why CBM should be an essential part of every maintenance program, how to properly manage the program, and how it can positively impact the safety culture of an organization.

### The IIMC Threat: Avoidance and Survival

FEB. 25, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Bryan Smith, Airborne Law Enforcement Association (ALEA) and International Helicopter Safety Team

**Professional Development Credit:** FAA Wings program credit

Inadvertent flight into instrument meteorological conditions (IIMC) continues to be one of the leading lethal threats to helicopter operators. Despite advances in aircraft and avionics, we continue to suffer IIMC-related fatalities year after year. This course will look at the unique aspects of IIMC and why it continues to claim so many lives. IIMC survival methods based on a safety management system approach, including training, crew resource management, policy suggestions, and survival techniques, will be discussed.

### The Importance of an Integrated QMS and SMS in Helicopter Operations

FEB. 25, 2014 || 4:00 PM – 5:00 PM

**Instructor:** Chris Young, PRISM

**Professional Development Credit:** FAA AMT and Wings program credit

The relationship in aviation between a quality management system (QMS) and a safety management system (SMS) has developed into an insightful association. The importance of their harmonious integration is becoming a crucial element in any successful flight operation. As SMS continues to evolve, it will take on a dominant role in a company's overall strategy. Organizational leaders need to direct their focus on how QMS and SMS can complement each other in the implementation and sustainment of their management system(s).

### IS-BAO: Building Blocks to a Better Safety Culture

FEB. 26, 2014 || 2:30 PM – 3:30 PM

**Instructor:** John Sheehan, audit manager for the International Business Aviation Council

Safe culture is an elusive concept that is often difficult for aviation organizations to understand, measure, and grow. The concept must have a firm foundation

on which to build and measure. The International Standard for Business Aircraft Operations (IS-BAO) have proved to be a good framework for establishing, measuring, and improving a positive safety culture. This presentation will discuss safety culture, provide a starting point for growth, and describe methods for measuring its growth.

### Land and LIVE!

FEB. 25, 2014 || 3:00 PM – 4:00 PM

**Instructors:** Matt Zuccaro, Paul Schaaf, and J. Heffernan

**Professional Development Credit:** FAA Wings program credit

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.

### NextGen Flight-Deck Technology for Traffic Situational Awareness with Alerts

FEB. 25, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Robert Joslin, Ph.D., chief scientific and technical advisor for flight-deck technology integration, FAA

**Professional Development Credit:** FAA Wings program credit

This session will explore the development of NextGen traffic situational awareness and alerting (TSAA) systems for helicopters, as one of the applications of automatic dependent surveillance-broadcast (ADS-B) technology.

### Responders Are Different! Managing Responder Risks

FEB. 26, 2014 || 10:00 AM – 11:00 AM

**Instructor:** Paul S. Ratté, Director of Aviation Safety Programs, USAIG

This session seeks to address organizational risk in helicopter response operations — exploring its sources and emphasizing the particular challenges triggered

by being on call. Attendees will discuss incorporating those risk drivers into a risk map, along with organizational culture and the responder's ethos. A proven real-time model for managing mission risk and decision support to flight crews will be shared, and the balance point between standard operating procedures and crew autonomy will be examined. This session will be a place to fill up on ideas to improve risk control in your response operation.

### Risk Assessment Tools Are for Everyone to Use

FEB. 25, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Sunshine McCarthy, Director, Training Baldwin Aviation, Inc.

**Professional Development Credit:** FAA AMT and Wings program credit

A system sees the world in terms of parts that are in relationship to one another. In the case of your safety management system (SMS), four components (safety policy, safety risk management, safety assurance, safety promotion) are the anchors, and everything else relates directly to them. Attendees will look at the relationship of risk assessment tools to the overall SMS, understand how to use tools and data to improve safety and efficiency, and understand everyone's individual role as it relates to the use of risk assessment tools.

### Risk Management in a Complex Environment

FEB. 26, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Jeffrey Kotson, Brim Aviation

**Professional Development Credit:** FAA Wings program credit

This session will discuss CFR Part 135/133D flight operations and risk management techniques during repeatable high-risk operations associated with offshore transport and hoisting to or from foreign-flagged commercial vessels at the mouth of the Columbia River on the Oregon Coast. Attendees will learn about the use of the PEACE hazard identification model (Planning, Event complexity, Asset selection, Communications, and Environmental conditions) at various organizational levels to optimize decision making in a high-risk, complex environment.

### Rotor Blade Preventive Maintenance

FEB. 26, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Dana Kerrick, president, International Aviation Composites

**Professional Development Credit:** FAA AMT program credit

This is an interactive class where the subject material is designed to assist both novice and experienced pilots and mechanics in detecting and addressing rotor blade problems before they become a safety issue.

### Rotor Rooter: Rooting for Autorotational Success

FEB. 25, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Steve Sparks, FAA principal operations inspector

**Professional Development Credit:** FAA Wings program credit

Analysis reveals that approximately 18 percent of all helicopter accidents occur during training, and a large portion of these accidents occur during autorotation training. The Rotor Rooter Acronym Series provides pilots with user-friendly acronyms to help them systematically identify, quantify, and mitigate certain risk factors associated with autorotations. These memory aids can help pilots remember critical factors while also emphasizing the importance of utilizing systematic procedures for defending against risk factors inherent with autorotation training.

### Safety Culture and Leadership

FEB. 25, 2014 || 8:30 AM – 9:30 AM

**Instructor:** David M. Bjellos, CAM Special Liaison to the President and CEO, Flight Safety Foundation

**Professional Development Credit:** FAA AMT and Wings program credit

Attendees will learn real-world scenarios that they can begin using immediately in their flight operations to implement or enhance their existing safety management system. The following five topics will be covered: group cohesion as a safety factor, integrity for small groups and individuals, leadership, followership, and the next generation.

 **HAI HELI-EXPO is the world's largest gathering of all helicopter market segments under one roof, providing the ultimate networking experience.**

– Sandra Kinkade Hutton, President  
Kinkade International

## Safety Ignited!

FEB. 26, 2014 || 1:00 PM – 2:00 PM

**Instructors:** Bill DeReamer, Terry Bennett, Susan Tolle, and other HAI Safety Committee members

**Professional Development Credit:** FAA AMT and Wings program credit

The HAI Safety Committee consists of members from nearly every helicopter mission segment, including air ambulance, law enforcement, off shore, tourism, and power-line construction and maintenance. In this interactive session, attendees will get a glimpse of several helicopter-supported industries as well as their current safety challenges. Join us to take the pulse of safety in the helicopter industry and engage with the HAI Safety Committee in an open forum where you will have an opportunity to communicate your safety concerns.

## Safety Management Systems for Small-Fleet or Private Operators

FEB. 26, 2014 || 10:00 AM – 11:00 AM

**Instructor:** Bryan Smith, Airborne Law Enforcement Association (ALEA) and International Helicopter Safety Team (IHST)

**Professional Development Credit:** FAA Wings program credit

Despite the significant increase in safety that safety management systems (SMS) has provided large operations, some aspects of these established systems make it difficult for smaller businesses or private operators to implement. This course will offer an overview of new SMS information and tools that will allow smaller commercial and private operations to reap the same safety benefits large operators have come to enjoy.

## Safety Management through Flight-Data Monitoring

FEB. 26, 2014 || 2:30 PM – 3:30 PM

**Instructor:** Stuart “Kipp” Lau, International Helicopter Safety Team (IHST) and senior account manager, CAE Flightscape

**Professional Development Credit:** FAA AMT and Wings program credit

Safety management systems (SMS) are the most effective approach to managing risk in modern flight operations. Both SMS and flight-data monitoring and flight operational quality assurance (FDM/FOQA)

programs are gaining popularity and are now being adopted by a growing number of helicopter operators around the globe. The greatest challenge is to devise an implementation plan that effectively integrates the two programs. Using case studies, this session will provide a path to integrate FDM within a functioning SMS.

## SMS Planning and Implementation in a Small Operation: A Case Study

FEB. 26, 2014 || 11:30 AM – 12:30 PM

**Instructor:** Sonya Tietjen, aviation safety consultant

This presentation is a case study in the design, planning, and implementation of a small operator’s journey to plan and implement a safety management system (SMS). Using project management skills and methodology, a step-by-step, agile life-cycle process was used to guide and empower the staff to create an effective and sustainable SMS.

## To Err Is Human: Helicopter Safety Systems

FEB. 25, 2014 || 8:30 AM – 9:30 AM

**Instructor:** Katherine Hilst, Safety Design Consulting, LLC

**Professional Development Credit:** FAA AMT and Wings program credit

What does *system safety* really mean in the operationally diverse helicopter industry? Have you asked questions like: What does it mean for a safety program to be data driven? What is a safety management system and where do I get one? How is it different from a safety program? This session covers the practical side of safety systems for helicopter operations and discusses building an effective system of safety for your operation.

## Unintended Consequences of Technology

FEB. 25, 2014 || 1:00 PM – 2:00 PM

**Instructor:** Bruce Webb, American Eurocopter

**Professional Development Credit:** FAA Wings program credit

This session will cover the good, the bad, and the ugly of modern technology. Unintended consequences of technology include a false sense of security, distractions, physical impediments, taking on greater risk, and information overload. The session will also look at how relying on technology causes unsafe and poor decisions.

# 2014 HAI Rotor Safety Challenge

February 24–26 – Anaheim Convention Center  
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Monday, February 24, 2014				
8:00 AM – 12:00 PM	<b>NTSB: Lessons Learned from Helicopter Accidents</b>	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.		
Tuesday, February 25, 2014				
8:30 AM – 9:30 AM	<b>To Err Is Human: Helicopter Safety Systems</b> Katherine Hilst, Safety Design Consulting <i>FAA AMT &amp; Wings program credit</i>	<b>Safety Culture and Leadership</b> David M. Bjellos, Flight Safety Foundation <i>FAA AMT &amp; Wings program credit</i>	<b>Rotor Rooter: Rooting for Autorotational Success</b> Steve Sparks, FAA <i>FAA Wings program credit</i>	<b>NextGen Flight-Deck Technology for TSAA</b> Robert Joslin, Ph.D., FAA <i>FAA Wings program credit</i>
9:30 AM – 11:30 AM	<b>Safety Committee Town Hall</b> <i>FAA AMT &amp; 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	<b>Safety Directors Forum</b> <i>FAA AMT &amp; 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	<b>Aeronautical Knowledge vs. What Pilots Should Know: Part 1, Accident Prevention</b> Scott Burgess, Embry-Riddle Aeronautical University <i>FAA Wings program credit</i>	<b>The IIMC Threat: Avoidance and Survival</b> Bryan Smith, ALEA and IHST <i>FAA Wings program credit</i>	<b>Helicopter HUMS Case Study</b> Murdock Welborn and Rob Richardson, Honeywell Aerospace <i>FAA AMT program credit</i>	<b>Unintended Consequences of Technology</b> Bruce Webb, American Eurocopter <i>FAA Wings program credit</i>
2:30 PM – 3:30 PM	<b>Aeronautical Knowledge vs. What Pilots Should Know: Part 2, Problem Solving</b> Scott Burgess, Embry-Riddle Aeronautical University <i>FAA Wings program credit</i>	<b>How to Speak CFO: Communicating Safety to the Boss</b> Daniel Deutermann, Rick Christoffersen, Bryan Smith, and Susan Tolle-Bryan of the IHST SMS Committee <i>FAA AMT &amp; Wings program credit</i>	<b>Risk Assessment Tools Are for Everyone to Use</b> Sunshine McCarthy, Baldwin Aviation <i>FAA AMT &amp; Wings program credit</i>	<b>12 Classic Accident Pitfalls</b> Nick Mayhew, Bristow Academy and IHST JHSIT Training Working Group <i>FAA AMT &amp; Wings program credit</i>
3:00 PM – 4:00 PM	<b>Land and LIVE!</b> 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	<b>The Importance of an Integrated QMS and SMS in Helicopter Operations</b> Chris Young, PRISM <i>FAA AMT &amp; Wings program credit</i>	<b>Creating a Just Culture: How Do We Get There?</b> Eileen Frazer and Dudley Smith, CAMTS <i>FAA AMT &amp; Wings program credit</i>	<b>CFIT: Avoiding the Unexpected Sudden Stop</b> Doug Stewart, SAFE <i>FAA Wings program credit</i>	<b>The Full-Touchdown Auto</b> 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

# 2014 HAI Rotor Safety Challenge

February 24–26 – Anaheim Convention Center  
WWW.ROTOR.ORG/TAKETHECHALLENGE



HAI ROTOR SAFETY CHALLENGE – FREE

## Wednesday, February 26, 2014

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

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

“After taking the Rotor Safety Challenge, I’m going to be a better pilot overall, thanks to this invaluable educational opportunity.”

– Roy D. Rodriguez, student pilot  
Western Helicopters Inc.

# Register Today at [rotor.org/register](http://rotor.org/register)

Start your HAI HELI-EXPO 2014 experience with these easy steps:

- 1 Register for HAI HELI-EXPO online, by fax, or by mail. Note: you'll save \$\$ by registering before midnight, January 10, 2014!
  - **Register online** at [rotor.org/register](http://rotor.org/register).
  - **Register by fax** by completing the registration form at [rotor.org/register](http://rotor.org/register) and faxing it to 703-683-4745.
  - **Register by mail** by completing the registration form at [rotor.org/register](http://rotor.org/register) and mailing it to —  
Helicopter Association International  
Attn: Attendee Registration  
1920 Ballenger Avenue, Alexandria, VA 22314-2898  
*Note: HAI will not accept faxed or mailed registration forms after the early-bird deadline of January 10, 2014.*  
*You can obtain additional registration forms at [rotor.org/register](http://rotor.org/register).*
- 2 Attendees residing within the United States who preregister by Friday, January 10, 2014, will receive their badge by mail in early February. Attendees residing outside of the United States and those who register after January 10, 2014, must pick up their badge at on-site registration, located in Hall E of the Anaheim Convention Center. On-site attendee registration, which will include self-registration counters, will be open the following hours:

Monday, February 24	8:00 AM – 4:30 PM
Tuesday, February 25	8:00 AM – 4:30 PM
Wednesday, February 26	8:00 AM – 4:30 PM
Thursday, February 27	8:30 AM – 3:00 PM
- 3 Once you are registered, make your hotel reservations at [rotor.org/housing](http://rotor.org/housing) by January 17, 2014. Then glance through [rotor.org/heliexpo](http://rotor.org/heliexpo) and design your HAI HELI-EXPO 2014 experience.

Questions? Call HAI at 703-683-4646. Policies regarding cancellations, substitutions, student registration, and more can be found at [rotor.org/heliexpo](http://rotor.org/heliexpo).

## Save Today!

**Early-Bird Discount:** Register by January 10, 2014, to receive discount rates on HAI HELI-EXPO 2014 registration.

**HAI Member Discount:** Join HAI and attend at the member rate. Learn more at [rotor.org/join](http://rotor.org/join) or email [mbr@rotor.org](mailto:mbr@rotor.org).

## Your Three-Day Registration\* includes —

- Free admission to all Rotor Safety Challenge events, February 24–26
- Invitation to the Welcome Reception, Monday, February 24, 7:00 PM
- Entrance to the exhibit hall, February 25–27
- Admission to all HAI committee meetings, forums, symposia, and workshops
- Admission to Manufacturer Technical Briefings and free inspection authorization renewal opportunities
- One HAI HELI-EXPO 2014 tote bag
- HAI publications and DVDs:
  - HAI HELI-EXPO 2014 Program & Exhibit Guide
  - Winter Issue of ROTOR magazine
  - Helicopters: A Day in the Life
  - Many more!
- A one-year subscription to ROTOR magazine
- HAI Members Only: 10% off coupon (one-time use) for purchases at HAI gift shop

\* When you purchase a one-day registration, you receive access to the above activities on that day.



# Attendee/Education Registration Form

ONLINE rotor.org/register | FAX 703-683-4745 | MAIL HAI, Attn: Attendee Registration, 1920 Ballenger Ave., Alexandria, VA 22314-2898



NAME (IF ATTENDING A PROFESSIONAL EDUCATION COURSE, PLEASE PRINT YOUR NAME EXACTLY AS IT SHOULD APPEAR ON YOUR CERTIFICATE OF COMPLETION.) \_\_\_\_\_

NICKNAME (TO APPEAR ON BADGE) \_\_\_\_\_ JOB TITLE \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY / STATE / ZIP OR MAIL CODE / COUNTRY \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

SPOUSE \_\_\_\_\_ NICKNAME (TO APPEAR ON BADGE) \_\_\_\_\_

## JOB FUNCTION

COO/CEO                       Marketing/Sales Manager                       Pilot                       Military  
 Director of Operations                       Director of Purchasing                       Mechanic                       Hospital Administrator  
 Maintenance Supervisor/Chief Mechanic                       Chief Pilot                       Student                       Other: \_\_\_\_\_  
 Safety Officer                       Consultant

## TYPE OF OPERATION

Manufacturer or Service Provider     Commercial Operator (Part 135)     Gen. Aviation Operator (Part 91)     Government Services Operator

## HAI MEMBERSHIP

Are you a member of Helicopter Association International (HAI)?  Yes  No    HAI Member No: \_\_\_\_\_ (leave blank if unknown)

## MILITARY STATUS

Are you a member of the military on active-duty status (this applies to the military of any nation).  Yes  No

## HOW DID YOU HEAR ABOUT HAI HELI-EXPO

HAI HELI-EXPO website                       E-Mail                       Internet search engine                       Word of mouth  
 HAI HELI-EXPO Postcard                       ROTOR Magazine                       Exhibiting company website                       Advertising in other industry pub.  
 Convention Preview                       RotorNews                       Invitation from exhibiting co.                       I always attend HAI HELI-EXPO

## ROTOR MAGAZINE

I want to receive / continue to receive ROTOR magazine free of charge.  Yes  No

## AMERICANS WITH DISABILITIES ACT INFORMATION

Pursuant to the ADA, do you require specific aid or services?  Audio  Visual  Mobility Details: \_\_\_\_\_

## PROFESSIONAL EDUCATION COURSES

Course Name	Fee / Which Day to Attend HAI HELI-EXPO?
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____

For each course registration, indicate which day you want as your one complimentary day pass to HAI HELI-EXPO. (Note: this does not apply to free courses.) You may consider buying additional day passes. The course registration fee is nonrefundable within 30 days of the course; however, substitutions are welcome at any time and are based on availability.

## METHOD OF PAYMENT

Check to HAI, U.S. dollars   

CREDIT CARD # \_\_\_\_\_ EXP. DATE \_\_\_\_\_

CARDHOLDER'S NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

CANCELLATIONS must be made in writing by January 10, 2014, to receive a refund (minus \$20 processing fee). Email all cancellation requests to heliexpo@rotor.org.

**PHOTO/VIDEO RELEASE:** By registering for HAI HELI-EXPO, attendee acknowledges that HAI or its agents may take photographs and video at HAI HELI-EXPO and agrees, by attending HAI HELI-EXPO 2014, that he or she may be so photographed or recorded. Attendee further agrees that HAI may use his or her name, likeness, and biographical information in connection with its use of such photographic images or video footage in educational, news, and promotional materials, whether in print, electronic, or other media, including but not limited to the HAI website or other websites, at no charge to HAI.

## REGISTRATION FEES

	Early-Bird Rate (By 1/10/14)	Regular Rate (After 1/10/14)	
<b>3-Day Registration</b>			
HAI Member or Military*	\$160	\$280	_____
Nonmember	\$260	\$420	_____
Spouse	\$100	\$175	_____
Student*	\$60	\$60	_____
<b>1-Day Registration – Tue., Feb. 25</b>			
HAI Member or Military*	\$75	\$135	_____
Nonmember	\$120	\$195	_____
Student*	\$30	\$30	_____
<b>1-Day Registration – Wed., Feb. 26</b>			
HAI Member or Military*	\$75	\$135	_____
Nonmember	\$120	\$195	_____
Student*	\$30	\$30	_____
<b>1-Day Registration – Thur., Feb. 27</b>			
HAI Member or Military*	\$75	\$135	_____
Nonmember	\$120	\$195	_____
Student*	\$30	\$30	_____
<b>Salute to Excellence Awards Dinner – Wed., Feb. 26</b>			
HAI Member – Ticket	\$75	\$85	_____
Nonmember – Ticket	\$90	\$100	_____
HAI Member – Table	\$675	\$765	_____
Nonmember – Table	\$810	\$900	_____
<b>HFI Golf Tournament – Sun., Feb. 23</b>			
Individual	\$205	\$205	_____
Individual Plus**	\$225	\$225	_____
<b>Professional Education Course Registrations</b>			
<b>TOTAL AMOUNT ENCLOSED</b>			\$ _____

\*Proof of status required at on-site registration.

\*\*Includes 2 Mulligans. Mulligans will not be sold on site.

# Housing

*The hotel reservation deadline is Friday, January 17, 2014. Reserve now!*

The Anaheim Marriot and the Hilton Anaheim hotels will be the co-headquarters hotels for HAI HELI-EXPO 2014. We recommend that you make your reservations as early as possible as room blocks sell out quickly! There are 19 other hotels that also offer discounted HAI HELI-EXPO rates. See the table at right for a complete list of HAI HELI-EXPO 2014 hotels and rates.

To receive the discounted rate, you must make your HAI HELI-EXPO reservations through **Connections Housing, the official housing and reservations coordinator for HAI HELI-EXPO 2014.**

For detailed information on each hotel and its amenities, maps, group and individual reservation forms, visit [rotor.org/heliexpo](http://rotor.org/heliexpo) and click on Housing. Please be aware of your individual hotel's cancellation policy. Cancellations for groups of 10 or more must be made by January 10, 2014.

## HAI HELI-EXPO 2014 Hotel Locator Map



## Reserve Your Room Today

<b>Online</b>	rotor.org/housing
<b>Phone</b>	877-254-HELI (4354, toll-free in the U.S.) 1-404-842-0000 (international) 9:00 AM – 6:00 PM EST, Monday–Friday
<b>Email</b>	heli-expohousing@connectionshousing.com
<b>Mail</b>	Connections Housing (note new address) 950 Scales Rd., Bldg. 200, Suite 201 Suwanee, GA 30024
<b>Fax</b>	404-601-7442

 *HAI HELI-EXPO provides me with the opportunity to keep myself updated in the marketplace while I network with current and potential customers, all in a few days with a very good cost/value ratio.*

– Gustavo Benitez,  
Business Development Manager  
Chromalloy

Map Key	Hotel	Single/Double Rates	Distance to Convention Center
1	Anabella Hotel	\$177 / \$177	0.2 miles
2	<b>Anaheim Marriott</b> (co-headquarters hotel)	\$229 / \$229	0.1 miles
3	Anaheim Marriott Suites	\$129 / \$129	1.4 miles
4	Best Western Plus Pavilions	\$117 / \$122	0.4 miles
5	Best Western Plus Stovall's Inn	\$117 / \$122	0.3 miles
6	Clarion Hotel Anaheim Resort	Standard - \$141 flat Suite - \$169 Flat	0.4 miles
7	Cortona Inn & Suites Anaheim Resort	Standard - \$129 Flat Suite - \$155 Flat	0.5 miles
8	Courtyard Anaheim at Disneyland Resort	\$179 / \$179	0.7 miles
9	Desert Palms Hotel and Suites	Deluxe Rms - \$156 / Yuha Suites - \$181 / Borrego Suites - \$205 / Sahara Suites - \$229	0.2 miles
10	DoubleTree Suites by Hilton Hotel Anaheim Resort Convention Center	Standard - \$190 / \$190 QQ Suites - \$210 / \$210	0.6 miles
11	Embassy Suites Anaheim South	\$151 / \$151	1.1 miles
12	Hampton Inn and Suites	\$141 / \$141	1.2 miles
13	<b>Hilton Anaheim</b> (co-headquarters hotel)	\$229 / \$229	0.1 miles
14	Hilton Garden Inn Anaheim/Garden Grove	\$141 / \$141	1.2 miles
15	Howard Johnson Hotel	\$129 / \$129	0.9 miles
16	Hyatt Regency Orange County	\$189 / \$189	1.3 miles
17	Portofino Inn & Suites	\$149 / \$149	0.4 miles
18	Ramada Plaza Anaheim Resort	\$149 / \$149	0.4 miles
19	Red Lion Hotel Anaheim	\$129 / \$129	0.4 miles
20	Residence Inn by Marriott Anaheim Resort Area Hotel	\$171 / \$171	1.2 miles
21	Sheraton Park Hotel at the Anaheim Resort	\$211 / \$211	0.3 miles

# Getting to HAI HELI-EXPO 2014

**Airports.** There are three airports located within 45 minutes of the Anaheim Convention Center.

- John Wayne Airport – Orange County (SNA): 14 miles (20 minutes)
- Los Angeles International Airport (LAX): 35 miles (40–50 minutes)
- Long Beach Airport (LGB): 14 miles (25 minutes).

**Anaheim Convention Center Parking.** The Anaheim Convention Center has ample parking. Event parking is \$12.00 per day with no overnight parking or in-and-out privileges.

**Anaheim Resort Transit.** The Anaheim Resort Transit (ART) system offers visitors quick, convenient shuttle service between several hotels and the area's world-class tourist attractions, dining, shopping, and convention facilities. Learn more at [www.rideart.org](http://www.rideart.org).

**Executive Transportation.** If you need executive transportation to and from the airport, contact Callaway Transportation at 410-795-8300 or [info@callawaytransportation.com](mailto:info@callawaytransportation.com).

**Shuttle Buses.** HAI will provide complimentary shuttle service between the Anaheim Convention Center and hotels within the HAI HELI-EXPO 2014 housing block (see page 21 for listing) from 7:30 AM to 6:30 PM on the show days of February 25–27.

**Taxis.** Taxis can be found at the Transit Plaza or in front of the Anaheim Marriot and/or the Hilton Anaheim, located adjacent to the convention center.

**Save On Car Rentals.** Need a car in Anaheim? HAI members can receive up to 25% off by using the HAI Discount Program code CDP#1993559.

Combine your CDP# with promotional offers available online at [www.hertz.com/hai](http://www.hertz.com/hai) for added savings or call Hertz at 800-654-2200. Hertz also has a rental location at the Anaheim Marriot.

**Discount Airfare.** HAI has partnered with American Airlines to provide our attendees a 5% discount on airfare to HAI HELI-EXPO 2014. You can easily access American's fares and apply this discount by booking your flight at [www.aa.com](http://www.aa.com).

Place A5224BK in the promotion code box, and your discount will be calculated automatically. You may also book flights at 1-800-433-1790.

**Visas for International Attendees.** If you already have a U.S. visa, please check the expiration date to make sure your visa will not expire before or during your travel dates.

If you do not possess a U.S. visa, you may need one to enter the United States. The following U.S. State Department website can help determine whether or not a visa is required: [http://travel.state.gov/visa/visa\\_1750.html](http://travel.state.gov/visa/visa_1750.html).

If you should require a visa, contact the U.S. embassy consulate section in your country to determine visa processing times, or visit the "Visa Wait Times for Interview Appointment" page of the U.S. State Department website ([http://travel.state.gov/visa/temp/wait/wait\\_4638.html](http://travel.state.gov/visa/temp/wait/wait_4638.html)). Advance travel planning is important, because visa applications are subject to a greater degree of scrutiny than in the past.

To assist in your visa application, you may request a letter of invitation to attend HAI HELI-EXPO 2014. Please complete the letter of invitation form available online at the HAI HELI-EXPO website: click on International Visas under the Hotel & Travel section at [rotor.org/heliexpo](http://rotor.org/heliexpo).

A letter of invitation does not guarantee the issuance of a visa. The decision to issue a visa is the judgment of the local U.S. embassy or consulate. HAI is unable to assist with actual visa processing. HAI cannot provide financial support for travel, registration fees, or local expenses.

## LEARN MORE AT [ROTOR.ORG/HELIEXPO](http://ROTOR.ORG/HELIEXPO)

Everything you need to know about HAI HELI-EXPO can be found on our website, [rotor.org/heliexpo](http://rotor.org/heliexpo). Do not miss out on important information:

- ▶ Attendee interactive floor plan — line up which booths to visit
- ▶ Attendee FAQs
- ▶ Housing information
- ▶ Exhibitor lists
- ▶ Travel information, including discounts on airfare
- ▶ Schedules
- ▶ Registration information
- ▶ And MUCH more ...

SAVE  
ON  
TRAVEL

# HAI HELI-EXPO 2014 Professional Education Course Schedule and Fees

Course hours are 8 AM – 5 PM except as noted.

February 20 – March 2, 2014

By 1/10/14

After 1/10/14

	COURSE TITLE	20		21		22		23		24		25		26		27		28		1		2		HAI Member	Non-member	HAI Member	Non-member
CAREER	Heli-Success Career Development Seminar																							\$50	\$75	\$65	\$95
	Military to Civilian Transition Workshop										8-12														FREE	FREE	FREE
MAINTENANCE SKILLS	Helicopter Maintenance Management*																							\$800	\$1,200	\$1,050	\$1,500
	HUMS and HFDM: Helicopter Health, Usage, and Flight Data Monitoring*																							\$400	\$600	\$525	\$775
	Part 21: Certification Procedures for Products and Parts*											1-5												\$250	\$375	\$350	\$525
	Regulations 101: Law for the Aviation Professional*																							\$400	\$600	\$525	\$775
	Regulations Impacting the Sale, Purchase, Inspection, and Installation of Aircraft Parts*											8-12												\$250	\$375	\$350	\$525
MANAGEMENT SKILLS	Effective Leadership in Business Aviation																							\$400	\$600	\$525	\$775
	Helicopter Operator Management										8-12													\$1,650	\$2,475	\$2,100	\$3,150
	Advanced Helicopter Operator Management																							\$975	\$1,475	\$1,225	\$1,850
	Impact of U.S. Federal and State Taxes on Helicopter Operations																							\$975	\$1,475	\$1,225	\$1,850
	Nightmares of a Helicopter Transaction																							FREE	\$640	FREE	\$750
PILOT SKILLS	Flight Instructor Refresher Course																							\$175	\$275	\$250	\$350
	Flying in the Wire and Obstruction Environment																							\$475	\$725	\$600	\$900
	Helicopter Aerodynamics without Equations																							\$400	\$600	\$525	\$775
	Introduction to Vertical Reference Long-Line																							\$400	\$600	\$525	\$775
	Vertical Reference Long-Line External Cargo Applications																							\$400	\$600	\$525	\$775
	Mountain/High-Altitude Flying Ground School																							\$325	\$485	\$425	\$625
	Single-Pilot and Crew Resource Management for Helicopters																							\$400	\$600	\$525	\$775
SAFETY	Advancing through the Three Stages of IS-BAO																							\$300	\$450	\$375	\$575
	CRM for Helicopter Operations																							\$400	\$600	\$525	\$775
	Introduction to Helicopter Accident Investigation																							\$400	\$600	\$525	\$775
	One-Day Recurrent Human Factors: Fatigue Risk Management*																							\$350	\$525	\$450	\$675
	Operational Risk Management																							\$400	\$600	\$525	\$775
	Practical Scenario-Based Training																							\$400	\$600	\$525	\$775
	Safety Management Systems																							\$600	\$900	\$750	\$1,125
	SMS Manual Development Workshop																							\$400	\$600	\$525	\$775
	Why SMS in Maintenance?*																							FREE	FREE	FREE	FREE

**KEY:** Course dates appear in orange; HAI HELI-EXPO exhibit dates appear in yellow.

\*Eligible for IA renewal credit

# HAI HELI-EXPO 2014 Professional Education Courses

Register at [rotor.org/courses](http://rotor.org/courses).

## CAREER DEVELOPMENT

### Heli-Success Career Development Seminar

FEB. 24, 2014 || 8 AM – 5 PM || CAREER DEVELOPMENT

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$50	\$75	\$65	\$95
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Lyn Burks, LLB Enterprises Group Inc.

This seminar is designed to offer helicopter professionals who may be in a transition phase of their career an opportunity for learning and networking.

This course is also for young pilots looking for information that may give them a competitive edge in the helicopter industry hiring process.

At the conclusion of the course, attendees will understand —

- The basics of the helicopter industry and career paths within that industry
- What it takes to be a helicopter professional
- How to stand out during the hiring process
- Important techniques for building a professional network.

### Military to Civilian Transition Workshop

FEB. 24, 2014 || 8 AM - 12 PM || CAREER DEVELOPMENT

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
FREE	FREE	FREE	FREE
<b>This course is free, but registration is required.</b>			

Led by a group of former military aviators with participation by the Military Officers Association of America, this workshop will cover essential topics for military aviators exiting the services who want to continue their aviation careers in the civil helicopter community. Although the workshop will focus on assisting military pilots, many topics are applicable to maintenance technicians who are exiting the military services as well:

- Networking, résumé writing, and interview tips
- Use of the GI Bill, civilian certifications, and overview of the federal aviation regulations
- Common stumbling points for military aviators in the civilian world.

## MAINTENANCE SKILLS

### Helicopter Maintenance Management

FEB. 21–24, 2014 || 8 AM – 5 PM || MAINTENANCE SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$800	\$1,200	\$1,050	\$1,500
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Brandon Battles and Gary Potochnik, Conklin & de Decker Associates, Inc.

**Professional Development Credit:** FAA AMT program credits; IA renewal (8 hours)

This four-day course has two primary purposes for the maintenance manager in any organization. First, it gives managers critical, yet often overlooked skills to control a complex issue that confronts every organization: limited resources to accomplish its objectives. Second, the course reinforces the required technical proficiency that managers must maintain by offering an in-depth regulatory review.

Through this course, attendees will —

- Learn management principles and techniques
- Gain a better understanding of different types of costs and how to control them
- Learn aspects of financial management and accounting, as well as the importance of budgets — and how to develop them
- Refresh their knowledge of relevant FAA regulations.

### HUMS and HFDM: Helicopter Health, Usage, and Flight Data Monitoring

FEB. 23–24, 2014 || 8 AM – 5 PM || MAINTENANCE SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Rick Barnett and Doug Shaw, Bristow U.S., LLC

**Professional Development Credit:** FAA AMT program credits; IA renewal (8 hours)

This course will provide attendees with basic vibration concepts on everything from portable carry-on health-monitoring equipment to complex, fully on-

board, factory-installed systems, such as health and usage monitoring systems (HUMS), helicopter flight-data monitoring (HFDM) programs, and helicopter operations monitoring programs (HOMP).

At the conclusion of the course, attendees will —

- Be able to make informed decisions regarding establishing HUMS and HFDM programs and purchasing equipment that is best suited to their organization's individual requirements and budget
- Know the benefits of HUMS and HFDM and guidelines for administering these programs.

## Part 21: Certification Procedures for Products and Parts

FEB. 24, 2014 || 1 PM – 5PM || MAINTENANCE SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$250	\$375	\$350	\$525
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Marshall Filler and Sarah MacLeod of Obadal, Filler, MacLeod & Klein, PLC

**Professional Development Credit:** FAA AMT program credits; IA renewal (4 hours)

This four-hour course will provide attendees with an overview of the aviation safety regulations under 14 CFR Part 21 that govern certification procedures for products and parts. The course will discuss recent changes to Part 21, specific Part 21 amendments, including Subparts A, B, D, E, F, G, H, I, J, K, L, N, and O, and business activities associated with the certification process.

At the conclusion of the course, attendees will understand —

- FAA regulatory requirements for procedures pertinent to aircraft products and parts certification
- Each step in the certification process
- How to stay in compliance with these regulations.

“Attending HAI HELI-EXPO gives my company the background knowledge and understanding to better serve our clients in avionics.

– Warren Ragland, Associate  
Addison-Clifton

## Regulations 101: Law for the Aviation Professional

FEB. 23, 2014 || 8 AM – 5 PM || MAINTENANCE SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Marshall Filler and Sarah MacLeod of Obadal, Filler, MacLeod & Klein, PLC

**Professional Development Credit:** FAA AMT program credits; IA renewal (8 hours)

This one-day course will cover the basic FAA requirements associated with making day-to-day decisions on purchasing, designing, manufacturing, operating, maintaining, or selling civil aviation products and parts. It will address the federal aviation regulations and FAA guidance material relating to 14 CFR parts 1, 13, 23, 25, 27, 29, 33, 34, 35, 36, 39, 43, 45, 61, 65, 67, 91, 119, 121, 125, 129, 133, 135, 137, 145, and 183.

Attendees will learn about —

- The rulemaking process and FAA organization
- Government reports and audits
- Part 39, 91, and 119 aircraft operations
- Maintenance by Part 43, 65, and 145 certificate holders
- FAA enforcement issues.

## Regulations Impacting the Sale, Purchase, Inspection, and Installation of Aircraft Parts

FEB. 24, 2014 || 8 AM – 12 PM || MAINTENANCE SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$250	\$375	\$350	\$525
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Marshall Filler and Sarah MacLeod of Obadal, Filler, MacLeod & Klein, PLC

**Professional Development Credit:** FAA AMT program credits; IA renewal (4 hours)

This four-hour course will provide a business overview of the aviation safety regulations governing the sale, purchase, receiving, inspection, and stocking of civil aviation articles and the day-to-day considerations for helicopter professionals relating to the design, production, or maintenance of aircraft parts. It will address the federal aviation regulations and FAA

guidance material relating to 14 CFR parts 1, 3, 21, 43, 65 and 145.

Topics that will be addressed include —

- Part 3 requirements impacting the sale of aircraft parts
- Part 21 and 43 owner/operator responsibilities relating to the purchase of aircraft parts
- Receiving, inspecting, inspecting to stock, stock, and removal from stock
- Part 145 regulations impacting the receiving, inspection, and stocking of aircraft parts.

 *HAI HELI-EXPO lets us find new opportunities and catch up with old friends in an international industry widely dispersed.*

— Rune Asboe, Pilot  
Heli Contractors

## MANAGEMENT SKILLS

### Effective Leadership in Business Aviation

FEB. 24, 2014 || 8 AM – 5 PM || MANAGEMENT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** C. Daniel Prather, Aviation Training Solutions

This course is designed to assist executives, managers, and supervisors of helicopter operations with the important task of exercising leadership. Attendees will learn important leadership concepts and approaches for being a role model, empowering personnel, building effective teams, promoting the exchange of information, and making sound decisions that result in goal achievement and the promotion of corporate objectives.

At the conclusion of the course, attendees will have the knowledge and leadership skills to —

- Transition into a management role
- Implement appropriate leadership styles and strategies
- Effectively communicate with employees
- Identify and build effective teams
- Motivate and mentor their staff.

## Helicopter Operator Management

FEB. 20–23, 2014 || 8 AM – 5 PM

FEB. 24, 2014 || 8 AM – 12 PM || MANAGEMENT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$1,650	\$2,475	\$2,100	\$3,150
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Bill de Decker, Conklin & de Decker Associates, Inc.

**Professional Development Credit:** FAA Wings and AMT program credits

This intensive course is designed to give new or current managers of civil helicopter operations the management skills necessary for success in today’s highly demanding and complex work environment.

Attendees will learn —

- The basic principles and concepts involved in managing a helicopter operation
- The value of a safety management system
- The costs and finances involved in running and managing a helicopter operation
- How to market services
- How to develop a business plan for a helicopter operation.

## Advanced Helicopter Operator Management

FEB. 28–MAR 2, 2014 || 8 AM – 5 PM || MANAGEMENT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$975	\$1,475	\$1,225	\$1,850
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Bill de Decker, Conklin & de Decker Associates, Inc.

**Professional Development Credit:** FAA Wings and AMT program credits

This intensive course builds on the concepts introduced in the Helicopter Operator Management course and provides new and current managers of civil helicopter operations with the advanced management knowledge and skills they need for continued success in today’s highly demanding and complex operating environment.

Attendees will learn advanced management tools and techniques for —

- Managing assets and costs
- Measuring, analyzing, and improving productivity
- Developing pricing strategies
- Analyzing financial statements and data
- Developing a marketing plan.

## Impact of U.S. Federal and State Taxes on Helicopter Operations

FEB. 24, 2014 || 8 AM – 5 PM || MANAGEMENT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Nel Stubbs, Conklin & de Decker Associates, Inc.

This eight-hour course offers guidance in areas that affect every helicopter operator. Instructor Nel Stubbs has 22 years of experience working with the complex and ever-changing tax laws and regulations. Attend this course to gain some insight from an expert who can help your organization avoid common pitfalls and explore new options.

By the conclusion of the course, participants will understand —

- How federal excise tax and state taxes affect their operations
- How to plan for tax impacts
- How to deal with federal or state tax audits.

## Nightmares of a Helicopter Transaction

FEB. 24, 2014 || 8 AM – 5 PM || MANAGEMENT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
FREE	\$640	FREE	\$750
<b>Join HAI and attend at the FREE member rate!</b>			

**Instructors:** Members of the HAI Finance & Leasing Committee

The HAI Finance & Leasing Committee will moderate an interactive role-playing program that examines two case studies of helicopter operators exploring the acquisition of one additional helicopter, either through leasing or debt-oriented financing. Attendees will learn the essentials of helicopter transactions and, by reviewing others' mistakes, will avoid experiencing them.



Throughout the program, attendees will explore best practices for conducting helicopter transactions, including —

- Understanding and preparing your financials
- Reviewing a proposal or commitment
- Preparing for inspections and valuations
- Answering the question “Should I loan or lease?”

## PILOT SKILLS

### Flight Instructor Refresher Course

FEB. 23–24, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$175	\$275	\$250	\$350

**Register by midnight, January 10, and save!**

**Instructors:** Gary Young and Randy Rowles, Performance Instruction Services

**Professional Development Credit:** FAA Wings program credits; flight instructor certificate renewal

This helicopter-only course will cover the latest updates in regulations and helicopter flight instruction techniques from leading industry professionals. The curriculum meets the FAA’s requirements for nationally scheduled, industry-conducted flight instructor refresher courses (AC 61-83G). This course is for flight instructors who wish to renew their instructor certificates under FAR Part 61 and flight instructors who wish to maintain their qualifications as chief instructors or assistant chief instructors for pilot schools certificated under FAR Part 141.

### Flying in the Wire and Obstruction Environment

FEB. 24, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$475	\$725	\$600	\$900

**Register by midnight, January 10, and save!**

**Instructor:** Robert Feerst, Utilities/Aviation Specialists

**Professional Development Credit:** FAA Wings program credits

This course will train helicopter pilots and crews whose missions require them to operate in wire and obstruction environments. The course’s acclaimed methods for early detection of wires and managing

the risk of a strike accident fill a void in most low-level flight training programs.

Attendees will learn —

- Basic awareness crews must have while operating in this environment
- How to forecast the presence of wire before it is visible to the untrained eye
- How to position aircraft for maximum wire visibility
- The responsibilities of each crew member in preventing a strike accident.

### Helicopter Aerodynamics without Equations

FEB. 24, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775

**Register by midnight, January 10, and save!**

**Instructor:** Shawn Coyle, Eagle Eye Solutions, LLC

**Professional Development Credit:** FAA Wings program credits

In this course, Shawn Coyle will present difficult and often misunderstood helicopter aerodynamic concepts, removing the equations, ambiguity, and myth. This course has something to offer for anyone in the helicopter industry.

Attendees will learn about —

- Hover, vertical, and forward flight
- Maneuvering
- Static and dynamic stability.

### Introduction to Vertical Reference Long-Line

FEB. 23, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775

**Register by midnight, January 10, and save!**

**Instructor:** Robert Libby, Advanced Helicopter Training

**Professional Development Credit:** FAA Wings program credits

This ground school is for pilots who want to embark on a vertical reference long-line external cargo career. It is not only an introduction to vertical reference long-line, but also a great refresher course for pilots who have been working in other specialties and out of the long-line field for some time.

At the conclusion of the course, attendees will have a firm understanding of —

- The steps to becoming an external-cargo vertical reference long-line pilot
- Proper rigging of loads and aircraft checks
- How to set up and command work zones
- Strategies for managing risk and hazards for this environment.

## Vertical Reference Long-Line External Cargo Applications

FEB. 24, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Robert Libby, Advanced Helicopter Training

**Professional Development Credit:** FAA Wings program credits

This ground school will build on concepts presented in the introductory course and venture further into Part 133 operation applications, definitions, and regulations. Also addressed are advanced vertical reference long-line methods and industry utilization for a variety of external cargo missions, including class D (human cargo), class B (human cargo), short-haul human external cargo and helicopter external transport systems, rescue hoisting operations, procedures for long-line water bucketing, and general cargo delivery.

At the conclusion of the course, attendees will be familiar with —

- Strategies to manage risk and hazards for vertical reference long-line operations
- Planning considerations for missions in congested areas and remote locations
- Advanced vertical reference long-line missions and techniques.

 **HAI HELI-EXPO is a must every year! There is no other way to keep informed of the new information within this industry.**

– David Marquez, Director of Maintenance  
Anaheim Police Helicopter

## Mountain/High-Altitude Flying Ground School

FEB. 24, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$325	\$485	\$425	\$625
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Njord Rota and Mike Silva, RAVCO

**Professional Development Credit:** FAA Wings program credits

Flying in the mountains is a different experience from flying in any other environment. Reduced engine power, decreased lift, hypoxia, terrain, and treacherous winds and weather all pose serious challenges to pilots. This ground school will provide attendees with the fundamental and advanced concepts necessary to fly safely in the mountain and high-altitude environment.

At the conclusion of the course, attendees will —

- Understand mountain flying concepts and techniques
- Know the unique hazards faced when operating in this environment because of terrain, altitude, and airflow
- Be able to implement risk management strategies.

## Single-Pilot and Crew Resource Management for Helicopters

FEB. 23, 2014 || 8 AM – 5 PM || PILOT SKILLS

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Katherine Hilst, Safety Design Consulting

**Professional Development Credit:** FAA Wings program credits

This course will provide a comprehensive theoretical base of knowledge about single pilot and crew resource management (SRM/CRM) concepts as they apply to helicopter operations. The course will also cover decision making and human factors considerations unique to the single-pilot environment.

Upon completion of the course, attendees will —

- Gain the practical skills necessary to create SRM/CRM training modules for their specific operations
- Understand how to measure and assess the performance of an SRM/CRM
- Know how to troubleshoot common operational SRM/CRM issues.

## SAFETY

### Advancing through the Three Stages of IS-BAO

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$300	\$450	\$375	\$575
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Guido Fuentes, Calvin Rieb, and Steve Witowski of PRISM Solutions

**Professional Development Credit:** FAA Wings and AMT program credits

This course contains the necessary steps and overall methodology needed for an operator to progress from safety management system (SMS) Stage 1 to Stages 2 and 3, based on SMS performance. The course will include hands-on exercises designed to impart a full understanding of the specific actions required to demonstrate the maturity of an operator’s SMS under the International Standard for Business Aircraft Operations (IS-BAO).

Attendees of this course will —

- Gain a complete understanding of IS-BAO SMS methodology
- Know, both in theory and in practice, how to evolve their SMS beyond IS-BAO Stage 1
- Learn what it means to have their operation’s safety-risk level as low as reasonably practical (ALARP).

 **HAI HELI-EXPO puts us in touch with our suppliers and the heli community, giving us insight into how to improve our operation.**

– Grant Schmitt, Director of Maintenance  
Wilks Brothers LLC

### CRM for Helicopter Operations

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Douglas Stephan, The Squadron

**Professional Development Credit:** FAA Wings and AMT program credits

This course will strip away the theory, behavior analysis, and “kinder, gentler” sides of many common crew resource management (CRM) courses and will instead focus on simple, sensible, easily recalled procedures for maximizing crew coordination during high-threat, task-saturated operations involving rotorcraft. This course is tailored toward helicopter air ambulance, search and rescue, law enforcement, utility operations, and other operators with a flight crew of two or more individuals.

Attendees will, by the end of the class, be able to —

- Conduct a personal readiness inventory of their operations
- Identify common communication barriers, the elements of situational awareness, and hazardous attitudes
- Implement attributes of active listening.

### Introduction to Helicopter Accident Investigation

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructors:** Jack Cress and Shawn Coyle, Eagle Eye Solutions, LLC

**Professional Development Credit:** FAA Wings and AMT program credits

This course will provide attendees with the basic concepts, practical techniques, and various methodologies essential to helicopter accident investigation. Attendees will learn the essentials of helicopter rotor systems, flight controls, performance variables, flight hazards, and material analysis and characteristics.

At the completion of the course, attendees will understand —

- The common causal factors involved in helicopter accidents or incidents
- Performance considerations for helicopter rotor systems
- The procedures and techniques for investigating an accident or incident.

## One-Day Recurrent Human Factors: Fatigue Risk Management

FEB. 23, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$350	\$525	\$450	\$675
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Richard Komarniski, Grey Owl Aviation Consultants, Inc.

**Professional Development Credit:** FAA Wings and AMT program credits; IA renewal (8 hours)

This one-day fatigue risk management training program will raise awareness of fatigue and mitigate its associated hazards in the workplace. The workshop will provide participants with the tools necessary to identify warning signs of fatigue, apply effective countermeasures, and make life choices conducive to long-term fatigue management.

The subject matter will be explored with reference to individual as well as organizational implications within the framework of a safety management system. Contributing factors such as sleep awareness, food, water, caffeine, drugs, exercise, commuting, and work schedule design will be discussed, along with an in-depth review of time management and life balance. All aviation managers and flight crews are encouraged to attend, along with their technicians.

Attendees will learn to —

- Monitor potential causes of fatigue and devise action plans to minimize their effects in accordance with company procedures
- Identify personal warning signs of fatigue and appropriate countermeasures
- Make positive lifestyle choices to promote effective long-term management of fatigue
- Adopt and apply effective fatigue management strategies and countermeasures for combating fatigue.

## Operational Risk Management

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Dan Deutermann and Rick Christoffersen, The Squadron

**Professional Development Credit:** FAA Wings and AMT program credits

This course addresses the life cycle of risk, from initial risk assessment through the analysis of postflight risk assessment data. The instructors will go step-by-step to identify and quantify hazards and risk factors and how to mitigate those risks through the use of a flight risk assessment tool. Attendees are then taught to use the data to identify trends of risky behaviors and to develop effective risk management strategies.

At the end of the course, attendees will —

- Be able to pass on operational risk management strategies to their organization
- Understand and demonstrate the characteristics of an effective risk manager
- Develop a risk assessment tool for their particular mission set
- Be able to provide relevant feedback following an incident or mishap investigation.

## Practical Scenario-Based Training

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Katherine Hilst, Safety Design Consulting

**Professional Development Credit:** FAA Wings and AMT program credits

This course will provide a comprehensive theoretical base of knowledge about scenario-based training along with the practical skills to create and use scenarios in a variety of helicopter training programs.

At the completion of this course, participants will have —

- Several take-home scenarios
- The knowledge and skills to create new scenarios designed to fit their specific operational needs.

## Safety Management Systems

FEB. 22–24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$600	\$900	\$750	\$1,125
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Michael Alvarado

**Professional Development Credit:** FAA Wings and AMT program credits

This course will provide attendees with the essential skills and resources they need to design, implement, manage, and refine an organizational safety management system (SMS) process. Emphasis is placed on understanding the principles of system safety and the application of those principles within a structure designed to reduce the probability for mishaps.

At the completion of the course, attendees will —

- Be able to describe the five-step system safety process
- Understand the components of an effective SMS
- Be able to perform an SMS gap analysis
- Understand their role as change agents in managing their organization's safety culture.

## SMS Manual Development Workshop

FEB. 24, 2014 || 8 AM – 5 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
\$400	\$600	\$525	\$775
<b>Register by midnight, January 10, and save!</b>			

**Instructor:** Richard Komarniski, Grey Owl Aviation Consultants, Inc.

**Professional Development Credit:** FAA Wings and AMT program credits

Whether you are a one-person operation or have a staff of 50, this workshop will provide you with an understanding of the benefits a safety management system (SMS) will bring to your organization and how you can implement your SMS program.

Attendees will receive the knowledge and tools to —

- Conduct a customized SMS gap analysis
- Script an SMS manual that meets the needs of their organization
- Understand program considerations specific to repair stations, corporate/private flight departments, manufacturers and maintenance facilities, and small to medium-sized organizations

Attendees will return home with an SMS manual on disc that is customized to their organization.

## Why SMS in Maintenance?

FEB. 25, 2014 || 8 AM – 12 PM || SAFETY

HAI Member by Jan. 10	Nonmember by Jan. 10	HAI Member after Jan. 10	Nonmember after Jan. 10
FREE	FREE	FREE	FREE
<b>This course is free, but registration is required.</b>			

**Instructor:** Richard Komarniski, Grey Owl Aviation Consultants, Inc.

**Professional Development Credit:** FAA AMT program credits; IA renewal (4 hours)

This session will simplify the safety management system (SMS) process for maintenance organizations of moderate complexity and is intended to pave the way for successful SMS implementation. True SMS involves an entire operation, but all too often maintenance is overlooked. Not only will the course improve safety, but attendees will also realize cost benefits associated with SMS through increased operational efficiency in maintenance programs.

Attendees will learn —

- The fundamentals of SMS
- How to develop and implement a program for compliance with the requirements of the FAA, International Civil Aviation Organization, International Standard for Business Aircraft Operations, and Transport Canada.

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– Alexander Ådin, Director of Marketing and Sales  
Saab AB

# HAI HELI-EXPO 2014 Exhibitors

As of November 7, 2013. Visit [rotor.org/heliexpo](http://rotor.org/heliexpo) for an up-to-date list.

135 Air Carrier Management  
 3M Aerospace and Aircraft Maintenance Division  
 4ROTORS—The European Helicopter Magazine  
 AAR Airlift Group  
 Able Aerospace Services  
 Accurate Accessories, LLC  
 ACE-Applied Composites Engineering  
 ACES Systems  
 ACF-50 / Lear Chemical  
 Acme Aerospace  
 ACR / ARTEX  
 ADAC HEMS Academy  
 AD-S & Co b.v.  
 Advanced Composite Structures, Inc.  
 Advanced Cooling Technologies, Inc.  
 Advanced Helicopter Services  
 Advanced Torque Products  
 Advantage Aviation Technologies, Inc.  
 AEM Corp  
 Aero Dynamix, Inc.  
 Aero Precision  
 Aero Products Component Services  
 Aero Sekur Inc  
 AERO Specialties, Inc.  
 AeroComputers, Inc.  
 AeroLEDs, LLC  
 Aerolite Max Bucher AG  
 Aeromaritime America Inc.  
 Aerometals  
 AeroNasch-JetBrella  
 Aerosonic Corporation  
 Aerospace Optics Inc.  
 Aerotek Inc.  
 AeroVan Industries  
 Aeroweld, Inc.  
 Aerox Aviation Oxygen Systems, Inc.  
 Ag-Nav Inc.  
 AgustaWestland  
 Ahlers Aerospace, Inc.  
 AIC Title Service, LLC  
 AIG Aerospace Insurance Services, Inc.  
 Air Ambulance Technology  
 Air BP Lubricants  
 Air Comm Corporation  
 Air Cost Control  
 Air Covers Ltd  
 Air Dallas Instruments, Inc.  
 Air Parts & Supply Company (APSCO)  
 Air Rescue Systems (ARS)  
 Air Shunt Instruments, Inc.  
 Air Technology Engines Inc.  
 Airborne Engines Ltd.  
 Airborne Law Enforcement Assn. (ALEA)  
 Aircraft Belts, Inc. (ABI)  
 Aircraft Component Design  
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 Aircraft Maintenance Systems Inc.  
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 Airwolf Aerospace LLC  
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 Alabama Aircraft Support, LLC  
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 American Express Open  
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 AMSTAT, Inc.  
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 Armour of America, Inc.  
 Army Aviation Association of America (AAAA)  
 Arrow Aviation Co. LLC  
 Astronics Corporation  
 Atec, Inc.  
 ATP  
 Avalex Technologies Corporation  
 AV-BASE Systems Inc.  
 AV-DEC  
 Aventech Research Inc.  
 Avia Press Associates (HELICOPTER Int  
 Aviall a Boeing Company  
 Aviation Battery Systems LLC  
 Aviation Controls, Inc.  
 Aviation Instrument Services, Inc.  
 Aviation Personnel  
 Aviation Plus, Inc.  
 Aviation Specialties Unlimited Inc.  
 AVIATRIX, INC.  
 Avicopter Co., Ltd.  
 AvidAir International  
 AVINCIS Mission-Critical Services  
 AVINCO sam  
 Avinet  
 Avion Power  
 Avionic Instruments LLC  
 Avlite Systems  
 AvPro Software  
 AvQuest Insurance Service Division  
 of Shaw Aviation Insurance  
 AvStar Media, LLC  
 AW-Tronics  
 Baldwin Aviation Safety & Compliance  
 The Barden Corporation FAG/Schaffler KG  
 Barfield Inc.  
 Barry Cordage Ltd.  
 Bayards  
 BBA Aviation plc  
 Beacon Aviation Insurance Services  
 Becker Avionics, Inc.  
 Becker Helicopters Pilot Academy  
 Belfort Instrument Company  
 Bell Helicopter, a Textron Company  
 Bemco Inc  
 Bendix King Avionics  
 BigC: Dino-Lite Scopes  
 Blackhawk Composites Inc.  
 BLR Aerospace  
 Blue Sky Network, LLC  
 Borescopes-R-Us  
 Bose Corporation  
 Boxell Aerospace Company  
 Breeze-Eastern Corporation  
 Bristow Academy, Inc.  
 Broadcast Microwave Services, Inc.  
 Brown Aviation Tool Supply Co.  
 Cadorath Group  
 Caledonian Insurance Group, Inc.  
 California PopTop  
 Cannon Aviation Group, Inc.  
 Chase Enterprises dba  
 Chappell Supply & Equipment  
 Chopper Spotter Company (J.B. Knowles, Inc.)  
 Churchill Navigation Inc.  
 CKC Laboratories, Inc.  
 ClearSpan Fabric Structures  
 Cliffdale  
 Cobham Integrated Systems  
 Cobra Systems, Inc.  
 Columbia Helicopters, Inc.  
 CommInnovations, Inc.  
 Component Control  
 Computer Training Systems  
 Concorde Battery Corp.  
 Conklin & de Decker Associates, Inc  
 Connector Microtooling Systems Inc  
 Consolidated Aircraft Supply Company, Inc.  
 Control Products Corporation  
 Cool City Avionics  
 Corporate Aviation Insurance Group  
 Corporate Service Supply  
 & Manufacturing, Inc.  
 CORRIDOR Aviation Service Software  
 Crestwood Technology Group  
 CSC DUATS  
 Curtiss-Wright Controls  
 Custom Control Concepts  
 DAC International, Inc.  
 Dakota Air Parts International Inc.  
 Dallas Airmotive, Inc.  
 Dallas Avionics Inc.  
 Daniels Manufacturing Corp.  
 DART Aerospace  
 Datatoys by Bad Wolf Technologies  
 David Clark Company Inc.  
 Dayton-Granger, Inc  
 Denison Industries  
 DeVore Aviation Corporation of America  
 DFW Instrument Corporation  
 Digitran A Unit of Electro Switch Corp  
 Donaldson Aerospace & Defense  
 aka Aerospace Filtration Systems  
 Downing Heliport Systems  
 DTC DUAT  
 Dubai Helishow  
 Dynamic Solutions Systems, Inc.  
 Dynatech International  
 EAA

Eagle Copters Ltd.  
Eagle Picher Technologies, LLC  
EAM Worldwide Eastern Aero Marine  
East/West Industries, Inc.  
Eckhart Helicopter Sales  
ecms Aviation Systems GmbH  
Edge Aerodynamix, Inc.  
EDN Aviation, Inc.  
Elbit Systems  
Electro Enterprises, Inc.  
Embry-Riddle Aeronautical Univ.  
EMTEQ  
ENSCO Avionics  
Enstrom Helicopter Corporation  
Enterprise Control Systems Ltd  
Era Group Inc.  
ErectaStep  
Erickson  
Essex Industries, Inc.  
Esterline CMC Electronics Inc.  
Esterline Control Systems  
Esterline Power Systems  
EuroAvionics GmbH  
EuroTec Vertical Flight Solutions  
Executive Instruments, Inc.  
FAA Wildlife Strike Database & Website  
Falcon Crest Aviation Supply Inc.  
Falcon Insurance Agency  
Fastening Systems International Inc  
FDC/aerofilter  
FEC Heliports  
Ferno Aviation, Inc.  
Firan Technology Group  
Fischer + Entwicklungen  
Flexible Lifeline Systems  
Flight Display Systems  
Flight Light Inc  
Flight Suits dba Gibson & Barnes  
Flightcell International Ltd  
FlightSafety International  
FLIR Systems, Inc.  
Floats & Fuel Cells Inc.  
FLYIT Simulators Inc.  
Fort Lauderdale Downtown Helistop  
City of Fort Lauderdale  
Fort Wayne Metals  
Frasca International, Inc.  
Freedom Aero Service Inc.  
FreeFlight Systems  
Gables Engineering, Inc.  
Gallagher Aviation - Insurance  
Garmin International  
GE Aviation  
GE Power & Water Aviation Fuel Additives  
Gentz Aero, LLC  
Genuine Aircraft Hardware Co.  
GKN Aerospace  
Glenair, Inc.  
Global Aerospace, Inc.  
Gold Coast Helicopters  
Greenwich AeroGroup  
Guardian Electric Manufacturing Co.  
Guidance Aviation  
Gyronimo  
H.W. Farren LLC Aerospace  
& Aircraft Transportation  
H+S Aviation Ltd.  
Hammonds Technical Services

Hangar One Avionics Inc.  
HARCO  
Hartwig Aircraft Fuel Cell Repair  
Hazebuster Optics  
Heli Asset  
HeliBuyer Europe  
Helicopter Accessory Service Inc.  
Helicopter Association Int'l  
Helicopter Association of Canada  
Helicopter Engine Repair Overhaul  
Services, Inc.  
Helicopter Helmet.com  
Helicopter International Ministries  
Helicopter Magazine Europe  
The Helicopter Newspaper  
Helicopter Services of Nevada  
Helicopter Specialties, Inc.  
Helicopter Technology Company  
Helicopters International Shipping Services Inc  
Helicopters Magazine  
Heli-Mart Inc.  
Helimission  
HeliMods Pty Ltd  
Helinet Technologies  
Helinetwork International  
Heli-One  
HeliOps Magazine  
Heli-Parts Nevada  
HELIPOL GmbH  
Helipower Service  
HELIRUSSIA  
Helitech International  
HELI-TECH, Inc.  
Helitools, Inc.  
Helitowcart (Vanair Inc.)  
Helitrades, Inc.  
HeliValue\$, Inc.  
HELIWAGON  
Herber Aircraft Service, Inc.  
Hickok & Associates, Inc.  
Hillaero Modification Center  
Hillsboro Aviation, Inc.  
HiRel Connectors, Inc.  
HNZ Group  
Hollingsead International  
Honeywell  
Hontek Corporation  
Howell Instruments, Inc.  
HQ Aero Management (US) Inc.  
HRD Aero Systems  
Huffy's Airport Windsocks  
Human Factors Training Solutions  
Hutchinson Aerospace  
HYE-Tech Manufacturing, LLC  
IAC Ltd.  
IAI  
IMS New Zealand Ltd  
Infinite Therapeutics  
Instrument Specialties Co., Inc  
Instrument Technology, Inc.  
Integrated Microwave Technologies  
Interactive Safety Products, Inc.  
Alpha Eagle Helmets  
Intercomp  
Intermountain Turbine Services, Inc  
International Business Aviation Council (IBAC)  
International Governor Services, LLC  
International Helicopter Safety Team – IHST

International Turbine Service  
Inventory Locator Service, LLC  
Isolair Inc.  
ITT Enidine Inc.  
J Chadwick Co  
Jet Support Services, Inc. (JSSI)  
Jet-Care International, Inc.  
JETNET LLC  
JSfirm.com  
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LORD Corporation  
Luminator  
Lumitron Corporation  
Machida, Inc.  
Main Line Helicopter Corporation  
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Mechanical Specialties LLC  
Medallion Foundation  
Meeker Aviation Services Ltd.  
Meggitt Control Systems  
Merit Apparel Co., Inc.  
Metro Aviation, Inc.  
Micro-Surface Finishing Products, Inc.  
Mid-Continent Instruments and Avionics  
Milestone Aviation Group  
Mint Turbines LLC  
Miraj Corporation  
MOAA  
Motor Presse Stuttgart GmbH & Co KG  
Mueller Die Cut Solutions  
NAASCO (North American Aviation Supply)  
NationAir Aviation Insurance  
National Business Aviation Association  
(NBAA)

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 NEMSPA  
 New Hampshire Ball Bearings, Inc.  
 New Hampshire Helicopters  
 Newport Aeronautical Sales  
 Night Flight Concepts  
 North Flight Data Systems LLC  
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 OAS Aircraft Support, LLC  
 Oceania Aviation Limited  
 Onboard Systems  
 ONeil  
 Oregon Aero, Inc.  
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 PAC International  
 Pacific Coast Avionics Corp  
 Pacific Oil Cooler Service, Inc.  
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 Paramount Panels Inc.  
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 PCC Aerostructures Helicomb International  
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 Pilatus Business Aircraft Ltd  
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 Point Lighting Corporation  
 PolyOne DSS  
 Port-A-Cool  
 Power Sonix, Inc.  
 Powervamp Ltd  
 PPG Aerospace  
 Pratt & Whitney Canada  
 Pratt & Whitney Tool Support  
 Precise Flight, Inc.  
 Precision Aviation Training  
 Precision Fuel Components LLC  
 Precision Heliparts Inc.  
 Premier Turbines A Division  
     of Dallas Airmotive  
 Prime Industries, Inc.  
 Priority 1 Air Rescue  
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 Professional Pilot Magazine  
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 Purple Platypus  
 Pynco, Inc.  
 QAI Quality Aviation Instruments, Inc.  
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 RAVCO  
 RCMBT  
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 Satair, Inc.  
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 Satellite Technology International, Inc.  
 Scheme Designers, Inc.  
 Scott's - Bell 47, Inc.  
 Segers Aero Corporation  
 SEI Industries Ltd.  
 Semco Instruments, Inc.  
 SEMIA  
 Senior Aerospace Metal Bellows  
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 SHOTOVER Camera Systems  
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 Southern Rotorcraft USA Inc.  
 Southwest Fuel Systems  
 Specmat Technologies Inc.  
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 StandardAero  
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 Sterling Helicopter  
 Straube  
 Strom Aviation / Strom Direct  
 STS Aviation Group  
 Summit Aviation  
 Sun Aviation, Inc.  
 Sun-Foil Aircraft Sunscreens, Inc.  
 SureFlight, LLC  
  
 Survival Systems USA  
 Sutton James, Inc.  
 Swesystem  
 Switlik Parachute Co., Inc.  
 Tanis Aircraft Products  
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 Technisonic Industries Limited  
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 Teledyne Battery Products  
 TerraXML  
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 Timken Aerospace Aftermarket  
 Tour Operators' Program of Safety (TOPS)  
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 Trade-A-Plane (TAP Publishing Company)  
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 Trakka Corp Pty Ltd.  
 Transaero Inc.  
 Transupport, Inc.  
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 Triple Crown Products  
 Tri-Star Technologies  
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     North America  
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 WireMasters, Inc  
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