



International Helicopter Safety Team

Our Goal Is To Reduce The Civil Helicopter Accident Rate by 80%

SAFETY RECOMMENDATIONS SUMMARY

MISSION

The IHST creates partnerships in any region in the world that has significant helicopter operations and credible accident reports. Willing participants work through the established IHST process to identify and implement safety improvement strategies.

GOAL

The IHST has set an aggressive goal of reducing the worldwide civil helicopter accident rates by 80%.

HELPFUL IHST TOOLS

- SMS Toolkits
- Training Toolkits
- Risk Assessment Toolkits
- HFDM Toolkits
- Maintenance Toolkits

Visit: IHST.ORG for

- UPDATED Flight Data Monitoring Toolkit
- Helicopter Airmanship Training Leaflet
- Other Free Toolkits
- Translated Toolkits Available

1. Safety Management Systems (SMS):

Utilize SMS to identify, assess, document and mitigate safety concerns, problems, hazards and occurrences. The process should encourage reporting of occurrences, events, non-compliances, etc., in a just culture.

2. Training:

Flight crews and maintenance personnel should participate in initial and recurrent training. Additionally, the IHST analyses concluded that operators would benefit from more frequent simulator training and specialized training in Aeronautical Decision Making, Crew Resource Management (CRM), Instrument Meteorological Conditions (IMC) recognition and avoidance, mission specific training and make/model transition training. Recent technological advances have made desktop flight training devices a practical means of receiving certain training as well.

3. Flight Data Monitoring (FDM):

Operators and manufacturers should equip helicopters with recommended safety systems and equipment, which can provide operational and technical information required to assist operators, manufacturers, and regulators, and insurers with making long term safety

improvements. Several manufacturers have recently developed simple, low-cost devices that record primary operating parameters (attitude/altitude/airspeed/rotor speed, etc) and basic cockpit image and voice recording capability. These low-cost devices are relatively simple to install, utilize, and maintain.

4. Risk Assessment:

Operators should provide an objective risk assessment to allow crew members to evaluate risks in which assumptions and uncertainties are clearly considered and presented to help eliminate a culture of non-compliance.

5. Maintenance:

The IHST recommends strict adherence to published Instruction for Continued Airworthiness (ICA) and confirmation by improved maintenance Quality Assurance (QA) functions. Operators should address alternate oversight and QA processes for remote maintenance. A top recommendation for maintenance related accidents is implementation of basic Health and Usage Monitoring Systems (HUMS) or Engine Monitoring Systems (EMS) as a maintenance tool to reduce system failure risk.

We Can ... We Will ... We Must!

"None of us is as smart as all of us."

- Ken Blanchard

IHST Calendar of Events 2013



HeliShow Dubai 2012
Nov. 6-8, 2012
Dubai, United Arab Emirates

Heli-India 2012
Nov. 14-15, 2012
New Delhi, India
Atlantic Aircraft Main

**Alaska Air Carriers
Annual Convention**
Feb. 12-15, 2013
Anchorage, Alaska, USA

**Air Charter Safety Foundation
Safety Symposium**
Feb. 26-27, 2013
Ashburn, Virginia, USA

HAI Heli-Expo 2012
March 4-7, 2013
Las Vegas, Nevada, USA

Abu Dhabi Air Expo
March 5-7, 2013
Abu Dhabi, United Arab Emirates

**International Women
In Aviation Conference**
March 14-16, 2013
Nashville, Tennessee, USA

CHC Helicopter Safety Summit
March 18-20, 2013
Vancouver, B.C., Canada

Search and Rescue (SAR)
Europe Conference
March 21-22, 2013
Island of Malta

**Aircraft Electronics Assoc.
International Convention**
March 25-28, 2013
Las Vegas, Nevada, USA

**Airborne Law Enforcement
Assoc. Safety Seminar**
March 26-28, 2013
St. Louis, Missouri, USA

Sun 'n Fun Intl. Fly-In
April 9-14, 2013
Lakeland, Florida, USA

**Atlantic Aircraft Maintenance
Engineers Association Conference**
April 17-19, 2013
Moncton, New Brunswick, Canada

Heli-Russia Exhibition
May 16-18, 2013
Moscow, Russia

**European Helicopter Operators
Committee Annual Conference**
May 17-20, 2013
Barcelona, Spain

**American Helicopter Society Intern'l
Annual Forum & Technology Display**
May 21-23, 2013
Phoenix, Arizona, USA

**Mountain Rescue Association
2013 Spring Meeting**
June 4-9, 2013
Carefree, Arizona, USA

**Airborne Law Enforcement Assoc.
Annual Conference**
July 17-21, 2013
Orlando, Florida, USA

**Experimental Aircraft Assoc.
AirVenture Fly-In**
July 29-Aug. 4, 2013
Oshkosh, Wisconsin, USA

National Aviation Day – USA
Aug. 19, 2013

HeliTech
Sept. 24-26, 2013
Duxford, England, UK

NBAA Annual Meeting & Convention
Oct. 22-24, 2013
Las Vegas, Nevada, USA

**Helicopter Assoc. of Canada
Annual Convention**
Nov. 4-7, 2013
Vancouver, Brit. Columbia., Canada

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The Civil Helicopter
Accident Rate 80%

The IHST is spreading its message across the world in a collective effort to reduce the civil helicopter accident rate. IHST efforts, initiated in the United States, have led to the formation of Regional Partners who have developed similar safety initiatives in the European Union (EHST), Brazil, Canada, India, GCC Region, Japan, and Australia. Participants from around the world are now meeting annually to review progress toward that 80-percent goal and to build a global network committed to further enhancing helicopter safety.



IHST.ORG

Also check us out on Facebook and Twitter!

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Be a Team Player! Join the IHST!