



IHSF

International Helicopter Safety Foundation
Our Vision: An International Civil Helicopter Community with Zero Accidents

HELICOPTER SAFETY NEWS

March 18, 2019

Helicopter Industry Implementing Key Safety Practices More Often, Per Latest IHSF Global Survey

The International Helicopter Safety Foundation (www.IHSF.aero) has compiled data from its fourth annual survey of civil helicopter operators located in key regions around the world in order to gain a broader understanding of where safety initiatives are being implemented. Participation in the survey increased by 76 percent compared to a year ago. IHSF received nearly 1,300 responses to the survey from 112 different countries.

The IHSF's worldwide regional teams have analyzed more than 1,000 helicopter accidents and have concluded that the following eight areas offer the best opportunities to prevent helicopter accidents:

- Structured programs to fully comply with manufacturers' **recommended Maintenance** practices,
- A structured program for initial and recurrent **Training**,
- The implementation of Safety Management Systems (**SMS**),
- The implementation of manual Health & Usage Monitoring Systems (**HUMS**),
- Installation of **Wire Strike** prevention systems,
- The implementation of Flight Data Monitoring (**FDM**) programs,
- The implementation of automated Health & Usage Monitoring Systems (**HUMS**),
- Usage of **Night Vision** systems when warranted.

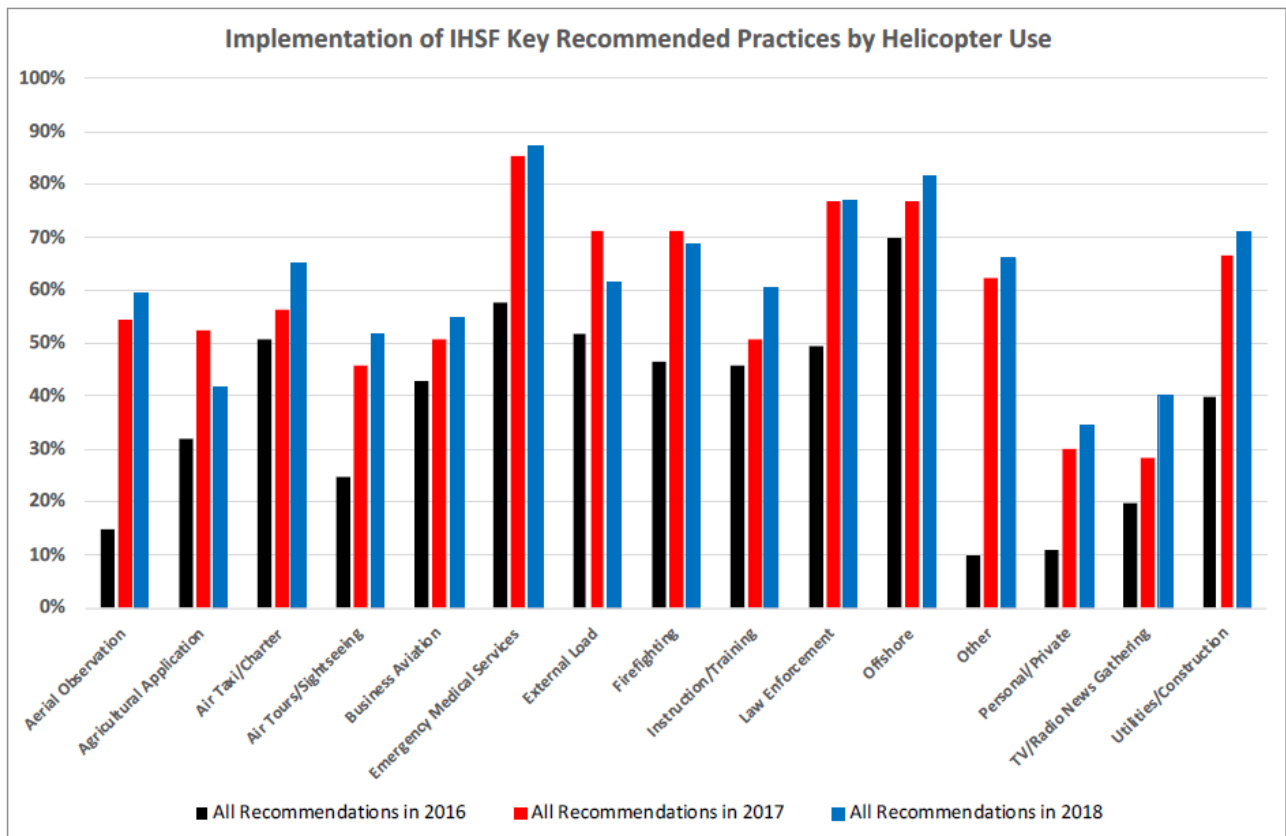
The 2018-19 IHSF survey looked at where these best practices were followed within specific segments of the helicopter industry and within regions around the world. Overall use of these eight "tools" in 2018 was 62 percent. This is an increase from 59 percent in 2017 and 42 percent in 2016.

In addition, the key recommended safety practices have been implemented most comprehensively by operators in the sectors of Helicopter Air Ambulance, Offshore/Oil operations and Law Enforcement. The lowest implementation occurs in the TV/Radio News Gathering segment of the industry and in Personal/Private flying.

From the survey, here is the complete list of helicopter industry segments from most following to least following the best safety practices:

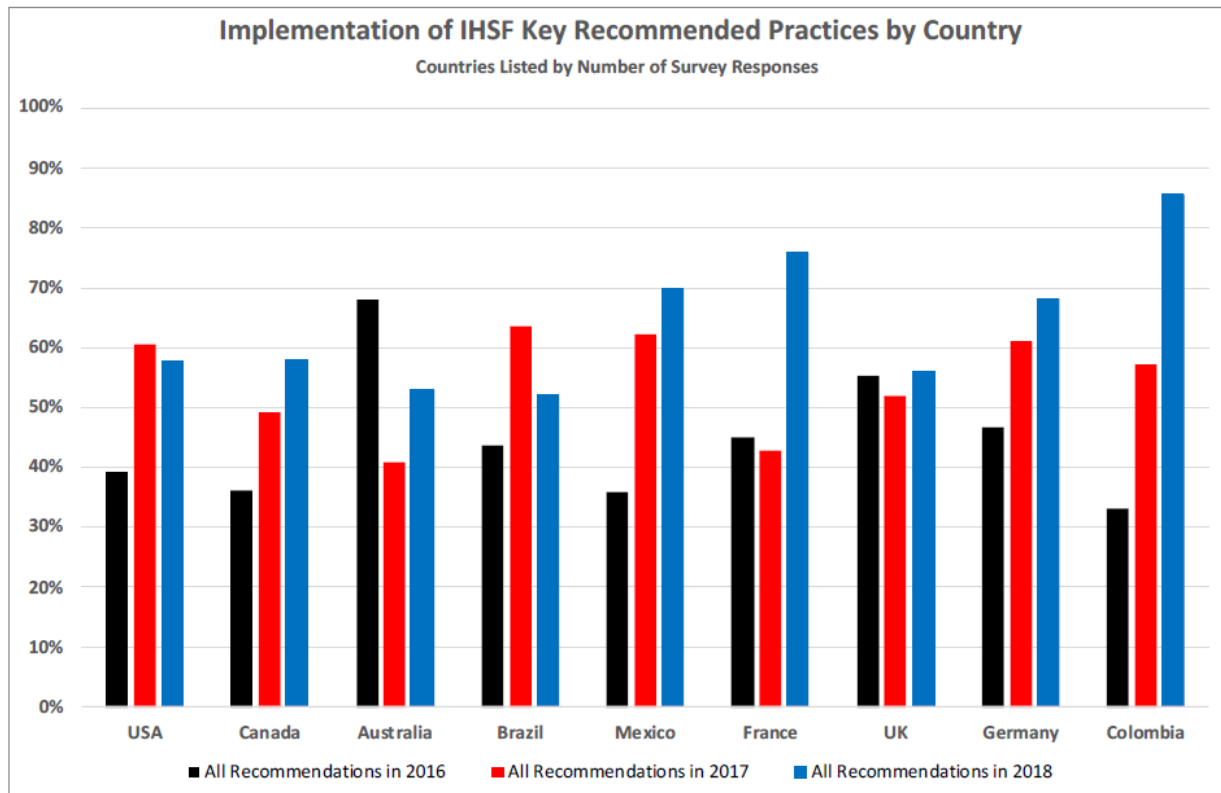
Industry Segments From Highest to Lowest Adherence to Recommended Safety Practices

- 1) Air Ambulance
- 2) Offshore/Oil
- 3) Law Enforcement
- 4) Utilities/Construction
- 5) Firefighting
- 6) Air Taxi/Charter
- 7) External Load
- 8) Instruction/Training
- 9) Aerial Observation
- 10) Business Aviation
- 11) Air Tours/Sightseeing
- 12) Agricultural Application
- 13) TV/Radio News Gathering
- 14) Personal/Private



Within key regions of the world, application of the best safety practices is increasing overall, but usage varies from country to country. According to the survey, here is a breakdown highlighting greater usage and lesser usage of the key safety recommendations:

	Greater Usage	Lesser Usage
United States	HUMS, Night Vision	Safety Mgmt Systems, Training
Canada	Night Vision	Structured Maintenance
Australia	Structured Maintenance	Night Vision, Wire Strike
New Zealand	Maintenance, HUMS	Safety Mgmt Systems
Brazil	Wire Strike, HUMS	Night Vision, Maintenance
Mexico	Flight Data Monitoring, Wire Strike	Night Vision
France	Safety Mgmt Systems, HUMS	Wire Strike
United Kingdom	Safety Mgmt Systems, Training	Flight Data Monitoring, Wire Strike
Germany	Maintenance, Night Vision	HUMS



The detailed report for the IHSF safety initiative survey can be found on the “Repository” page on its web site: <http://www.ihst.org/Default.aspx?tabid=3094&language=en-US>

More information about the IHSF, its reports, safety tools, Reel Safety audio/video presentations and YouTube safety videos can be obtained at its web site at www.IHSF.aero and on the IHSF Facebook page.

