

EASA Rotorcraft and VTOL Symposium

10-11 Dec 2019

Safety Workshop

Michel Masson, EASA, ESPN-R Coordinator

Bernd Osswald, Airbus Helicopters, ESPN-R Coordinator

Christian Müller, EHA / NGFT, ESPN-R Coordinator

Your safety is our mission.



Welcome!

- **Welcome to the Safety Workshop 2019!**
- Organised by the European Safety Promotion Network Rotorcraft (ESPN-R), formerly EHEST
- In cooperation with the International Helicopter Safety Foundation (IHSF), formerly IHST



ESPN-R: Part of EASA's safety initiatives and a global effort to improve rotorcraft safety



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- Aerodromes
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- Air Operations
- Air Traffic Management
- Civil drones (Unmanned aircraft)
- General Aviation
- International cooperation

Safety Management & Promotion

- Accident and incident investigation support
 - Legal and regulatory framework
 - Safety Recommendations
- EASA Virtual Academy
- Aviation Safety Reporting
 - Aviation Safety Reporting for Organisations



European Safety Promotion Network Rotorcraft (ESPN-R)

Point of contact: SafetyPromotion@easa.europa.eu

The European Safety Promotion Network Rotorcraft (ESPN-R) is a mixed industry-authorities team established in January 2017 by the Rotorcraft Sectorial Committee (RSC), now called the Rotorcraft Committee (R.COM).

Activities

The ESPN-R develops, disseminates and evaluates Safety Promotion (SP) material and actions on a voluntary basis in support of the R.COM, of EASA and of the industry. The ESPN-R can also contribute to Safety Promotion campaigns.

The ESPN-R contributes to the implementation of rotorcraft Safety Promotion actions from the European Plan for Aviation Safety (EPAS), rotorcraft section, and from the EASA Rotorcraft Safety Roadmap, and can suggest Safety Promotion actions for inclusion in the EPAS or other considerations.

Scope includes but is not limited to operations and (Safety) Management Systems, training and emerging safety-enhancing technologies, for which R&D material, studies, previous European Helicopter Safety Team (EHST - closed in 2016) work and expert advice is considered.



IHSF International Helicopter Safety Foundation
Our Vision An International Community With Zero Accidents

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NEW Safety Bulletin on Drones and Helicopters (click on photo)



Click on map for regional partner info.

News Briefs

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IHST Global Survey Underscores Safety Strengths and Weaknesses in the Helicopter Industry

Take Survey



Download Every Document Here



Safety Resources

- Safety Bulletins
- Essays
- Fact Sheets
- Safety Guides
- Brochures
- Key Charts
- Press Releases

Toolkits & Videos

- Safety Management
- Training
- Technology/Data
- Maintenance
- Take Survey



4 Teams for leverage in focus areas

➤ ESPN-R Team Training

Lead: mathieu.vandenavenne@safety4flight.com

Trg

➤ ESPN-R Team Ops & SMS

Lead: sburigana@elilombarda.com

SMS

➤ ESPN-R Team Technology

Lead: Jos.Stevens@nlr.nl

Tech

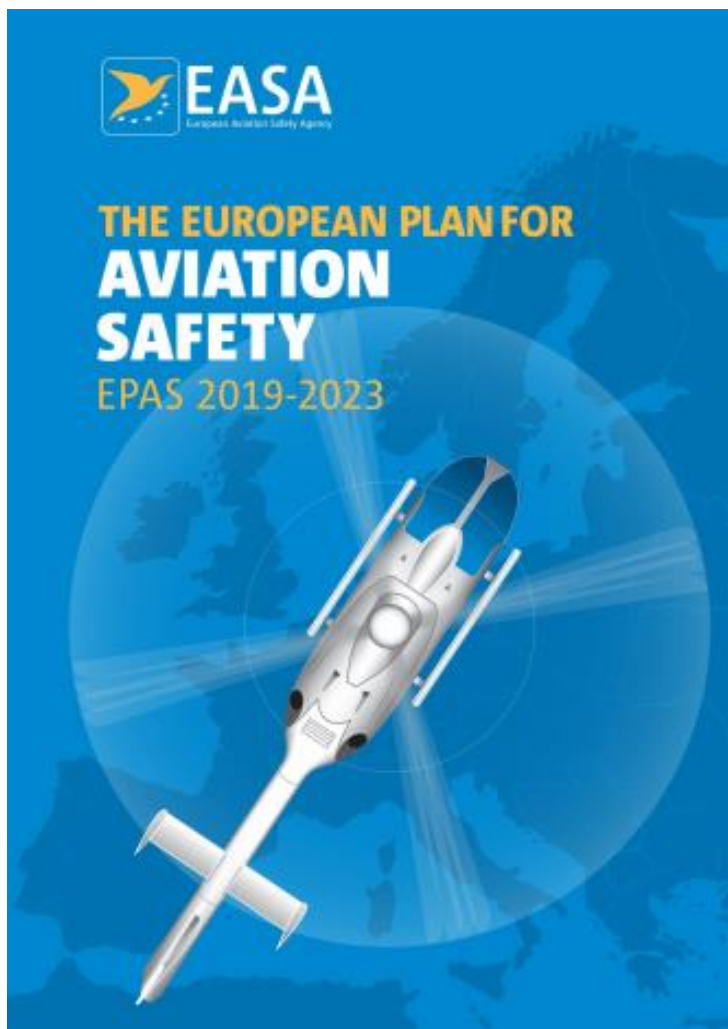
➤ ESPN-R Task Force Hoist Safety Promotion

Lead: alexander.weissenboeck@airbus.com

Hoist



European Plan for Aviation Safety (EPAS): outlining the strategic direction



European Plan for Aviation Safety (EPAS) 2019-2023 *Safety*

SPT.095

Promote helicopter technologies with safety benefits

Following the RES Identifying promising helicopter technologies (update of the study performed by the NLR for EHEST), promote the helicopter technologies having high safety benefits.

Owner	Activity sector	Deliverable	Date
ESPN-R	HE	Web-page, flyer and/or report	2021

SPT.096

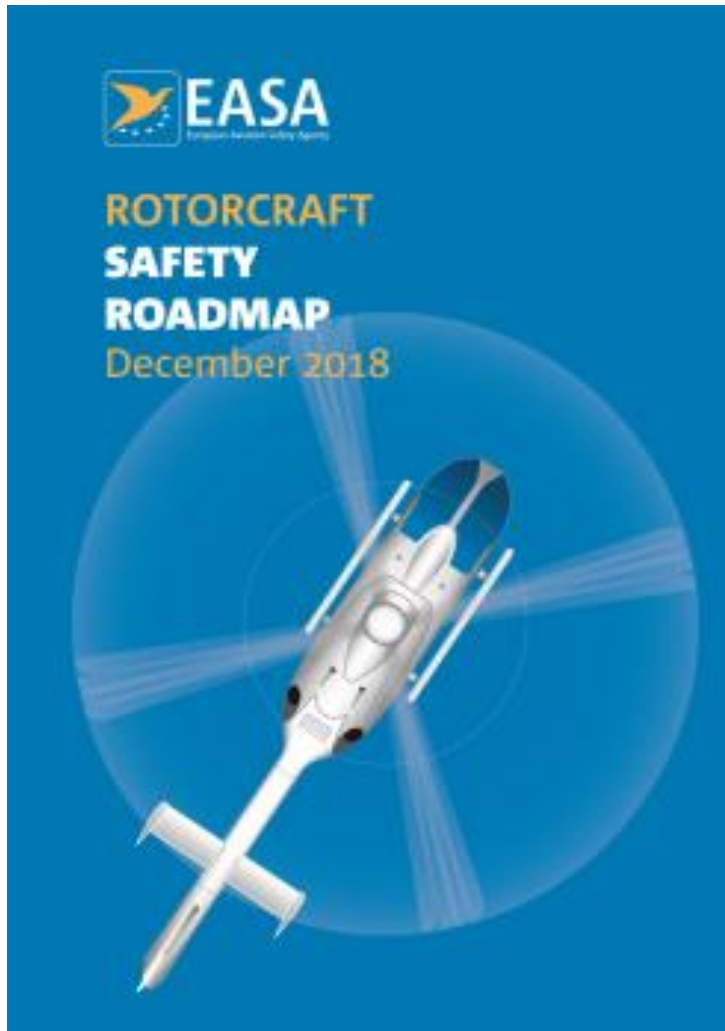
Organise an annual safety workshop

The European Safety Promotion Network Rotorcraft (ESPN-R) to organise a safety forum, in cooperation with the trade shows. This high-profile event promotes safe helicopter operations and fosters interactions within the community. The event theme changes every year.

Owner	Activity sector	Deliverable	Date
ESPN-R	HE	Safety Workshop	Continuous



EASA Rotorcraft Safety Roadmap: Defining goal for our work



Strategic Objectives

- >  Improve Rotorcraft Safety by 50% in the next 10 years
- >  Make positive and visible changes to Rotorcraft safety trends within the next 5 years
- >  Develop performance-based and proportionate solutions that help maintain competitiveness, leadership and sustainability of the European industry



2019: Rollout of valuable products

31 Jul 2019

Like 4 Comment 1 Share 0

Proactive decision-making with Airbus Helicopters' Before Your Flight risk-assessment app

This month, the pre-flight risk-assessment app called "Before Your Flight" went live in nine languages, to aid operators in making informed decisions prior to a flight. It is an example of our proactive support of global safety initiatives.



NIGEL TALBOT

Leonardo Helicopters Experimental Test Pilot



LEONARDO

MOBILE SOLUTION FOR FLIGHT OPERATION

Skyflight
MOBILE SERVICE


Skyflight is the gateway to enhancing your Leonardo Helicopters flying experience. The AW Skyflight app, available on the Apple App Store, enables the access to the Service.

- to ease the daily operations
- to increase mission's effectiveness
- to reduce flight crew workload
- to optimize costs
- to perform safety assessment





Published on the EASA website: one place to find all relevant information



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Safety Promotion

Safety Promotion is a set of means, processes and procedures that are used to develop, sustain and improve aviation safety through **awareness raising and changing behaviours**.

Related Content

- Helicopter
 - [Help Prepare for the Safest Possible Flight](#)
 - [Helicopter Operators and Pilots: Preflight Risk Assessment for a Safety Mindset](#)
 - [Rotorcraft – A Key Priority For Safety in Europe](#)
 - [Training and Education \(former EHEST\)](#)
 - [Safety Management System \(SMS\) and Operations \(former EHEST\)](#)
 - [Safety Enhancing Technologies \(former EHEST\)](#)
 - [EHSAT Safety Analysis Reports \(former EHEST\)](#)
 - [Avoid distraction to prevent CFIT](#)

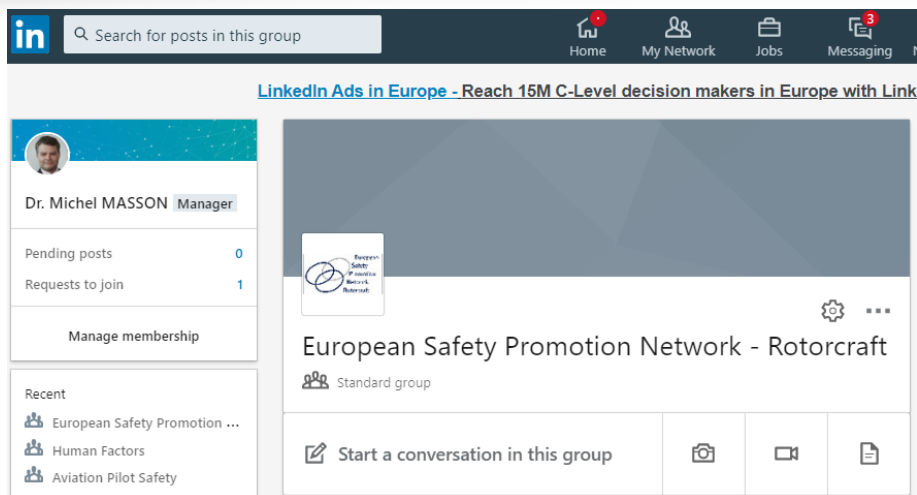
EASA Rotorcraft and VTOL Symposium 2019 – Safety Workshop Introduction – 11 Dec

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And publicised in 2 LinkedIn forums: involving and capturing feedback from the community

Join in!



> 1700
Members



> 330
Members





Exciting development: EASA “Rotorchats” podcasts



- Exciting new means to promote Monthly Safety Topics!
- And accompany
 - Articles on the EASA website
 - Posts in the ESPN-R LinkedIn forum and members’ social media
- Look forward to our Rotorchats!

John.franklin@easa.europa.eu



Workshop agenda

Trg

Tech

08:30 – 09:00 	WELCOME COFFEE
	Safety Workshop and the European Safety Promotion Network – Rotorcraft (ESPN-R) Ballroom A-C
09:00 – 09:10 (Ballroom A-C) 09:00 – 09:20 (Ballroom D)	Welcome Michel Masson, EASA, Bernd Osswald, Airbus Helicopters, and Christian Mueller, EHA / NGFT
09:10 – 09:45 (Ballroom A-C) 09:20 – 09:50 (Ballroom D)	Keynote Speech: Technological Developments in the Human Machine Interface Bruce Webb, Airbus Helicopters Inc.
09:45 – 10:00 (Ballroom A-C) 09:50 – 10:10 (Ballroom D)	IHSF Actions Involving Technology Tony Molinaro, FAA, International Helicopter Safety Foundation (IHSF)
10:00 – 10:50 (Ballroom A-C) 10:10 – 10:30 (Ballroom D)	What the Future Holds - Emerging Safety Technologies and How This Affects Training Thomas Gogel, Airbus Helicopters and Francesco Parisi, Leonardo Helicopters Training Academy
10:30 – 10:50 (Ballroom D)	

Theme of the year:

Technology with Safety Benefits

10:50 – 11:20 	NETWORKING COFFEE BREAK
11:20 – 12:20 (Ballroom A-C) 11:20 – 11:40 (Ballroom D)	Interactive Workshop on Handling Automation and Flight Path Management Bettina Schleidt, SRH Hochschule Heidelberg
11:40 – 12:00 (Ballroom D)	
12:00 – 12:20 (Ballroom D)	Wrap up of the Safety Workshop John Franklin, EASA

Thanks for you attention!

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