

# EASA Fourth Rotorcraft Symposium

Day 1 - December 8, 2010

- 08.15 - **Check-in and coffee**
- 09.00 - **Symposium Opening - Welcome Speech**  
Dr. Norbert Lohl, EASA
- 09.10 - **Helicopter MRB/MTB Activity**  
Olivier Robelin, EASA

## Safety Improvements from Available and Close to Come Technology

- 09.35 - **Helicopter Wide Area Augmentation System (WAAS) Development**  
David Downey, Bell Helicopter Textron
- 10.00 - **Usage Monitoring for a Safer Aviation Environment**  
Ugo Mariani - Rosanna Molinaro, AgustaWestland
- 10.25 - **A Concrete Operational Evaluation of HFDM (Helicopter Flight Data Monitoring) System on Light Helicopters: Lessons Learned and Eurocopter Recommendations**  
Jean-Michel Billig, Eurocopter
- 10.50 - Morning break
- 11.10 - **Predictive Ground Collision Avoidance Using Terrain Referenced (no GPS) Navigation**  
Paul Hawksworth, Goodrich Sensors and Integrated Systems
- 11.35 - **Rotor Ice Protection System (RIPS) and Health Monitoring System (HUMS)**  
Jim Hindel, Goodrich Corporation

## Special Lectures

- 12.00 - **Coaxial Helicopters Features Attributing to Flight Safety**  
Shamil Suleimanov, Kamov
- 12.25 - **Helicopter Operations to Moving Decks**  
David Howson, UK CAA
- 12.50 - Lunch break

## Safety Management Implementations in the Rotorcraft Environment

- 14.00 - **The European Helicopter Safety Team (EHST): 2010 Achievements and Plans**  
John Black, Michel Masson, John Steel, Christophe Marchal, Duncan Trapp
- 14.25 - **Helicopter Safety Reporting Culture and Achieving EHST Intervention Recommendations**  
Dr. Simon Mitchell, RTI Ltd.
- 14.50 - **The EASA Occurrence Reporting System**  
Yves Morier, EASA

15.15	-	<b>Incident Reporting Systems as Integral Part of SMS - Systems and Experiences in the HEMS Industry</b> Karl-Heinz Maximilian, EHAC Working Group Flight Safety
15.40	-	<b>Human Factors Aspects During Post-Maintenance Flight Test</b> Capt. Claudio Caceres, Continuous Security GmbH
16.05	-	<b>Small Helicopters Operational Monitoring Programme (HOMP) Trial</b> Gilles Bruniaux - Jacques Doerflinger, Eurocopter
16.30	-	Afternoon break
16.50	-	<b>IS-BAO for HELOS</b> Brian Humphries, EBAA
17.15	-	<b>Twin Engine Operations in HEMS - Safety Advantage or Only Cost Driver?</b> Reinhard Kraxner, Christophorus Air Rescue, Austria
17.40	-	<b>24h Operations in HEMS - Requirements for Safe Missions</b> Gerhard Wittmann, ADAC Air Rescue, Germany
18.05	-	<b>An Example of Long-Term Safe Operations in Hostile Environment</b> Heinz Leibundgut, Swiss Air Ambulance (REGA)
Special Lectures		
18.30	-	<b>AW139 Full Icing Protection System - Development and Certification Industry Experience and Authority Experience</b> Bernardino Paggi, AgustaWestland - Francesco Paolucci, ENAC
19.10	Question time	
20.00	<b>Evening "Get Together"</b>	

# EASA Fourth Rotorcraft Symposium

Day 2 - December 9, 2010

08.00 - **Check-in and coffee**

## Helicopter Performance - From Regulatory to Industry Perspectives

08.30 - **Introduction to the Operator's View by the New EHA**  
Vittorio Morassi, Chairman

08.40 - **Performance Class 1, 2 and 3**  
EASA

09.05 - **Operations Without an Assured Safe Forced Landing Capability**  
EASA

09.30 - **Mountain and Remote Areas - Single Engine Operations for non HEMS Operations over hostile environment located outside a congested area**  
Patrick Fauchère, new EHA

09.50 - **Single Engine Helicopter Operations: an OEM View on Flight Safety, Mission Performance, Environmental and Economical Constraints**  
Gilles BRUNIAUX, Eurocopter

10.10 - Conclusions

10.20 - Morning break

## Offshore operations

10.35 - **AW139 Offshore Performance - Enhanced Safety for Offshore Helicopter Operations**  
Bernardino Paggi, AgustaWestland

11.00 - **Helicopter Performance**  
Ron Doeppner, Sikorsky

11.25 - **The New PC2D (Performance Class 2 with a Defined Limited Exposure) for Helicopter Offshore Operations to Helidecks Located in Hostile Sea Environments**  
Jean-Michel Billig, Eurocopter

11.50 - **Offshore Operations PC2 (e/d)**  
EHOE

12.15 - Conclusions

## HEMS operations

12.25 - **HEMS and Public Interest Site Operations**  
EASA

12.40 - **Public Interest Sites**  
ADAC/DRF

12.55 - Conclusions

13.00 - Lunch break

## NVIS operations - Certification Challenges and Operational Experience

14.00 - **Highlights from Different Operations**  
REGA, ANWB, HELIDAX

14:30 - **EASA: Highlights from NVIS Certification**  
Riccardo Frollo, EASA

15:10 - **NVG Policy and General Methodology for Classification of Minor vs Major NVIS Changes**  
Agusta

15:40 - **Maintenance and Operational Considerations**  
Luis Pires, Bas Van der Weide, EASA

16.00 - Afternoon break

16.30 - Question time

## Closure Remarks

17.30 - **Wrap up and Feedback from the Floor**  
Dr. Norbert Lohl, EASA