



# Safety Workshop – 5<sup>th</sup> October '17



helitech<sup>®</sup>  
international  
HELICOPTER EXPO & CONFERENCE  
3-5 OCT 2017 EXCEL LONDON



# WELCOME

*“Safety in Stages”*

# Our Thanks



# The Programme

**Organised by:** European Safety Promotion Network – Rotorcraft (ESPN-R)

**With the participation of:** International Helicopter Safety Team (IHST)

**In collaboration with:** European Helicopter Association (EHA)

**10:00-10:05 | Opening Remarks from Workshop Organiser:** Dr Simon Mitchell, Accountable Manager, Starspeed and Chairman, British Helicopter Association Onshore Committee.

**10:05-10:20 | Mission, Vision & Goals**

**Welcome & Introduction:** Matt Zuccaro, President and CEO, Helicopter Association International and Industry Co-Chair, International Helicopter Safety Team

**10:20-10:50 | Keynote: Preparing for the Unexpected – Flight Test Training Lessons**

**Keynote Speaker:** Simon Sparkes, Chief of Strategy & Marketing, Nova Systems UK

This keynote address will examine how Test Pilots are trained to recognise what is likely to be different in their flight and how to then prepare for those differences. The audience will be introduced to some exciting ideas about what you can cope with if you prepare properly, and be shown how investments in ground training and preparation deliver good outcomes, even in potentially risky situations.

**11:00-12:45 | Safety in Stages Workshop**

The workshop will split into four stages: Pre-Flight Planning, Take-Off, En Route Decision Making (changes to plan) and Approach & Landing. Each stage will be introduced by **Robert Carter**, Principal Inspector of the Air Accidents Investigation Branch (AAIB), Department for Transport, highlighting some issues as seen through the process of formal state investigation. **Dr Simon Mitchell**, Visiting Fellow at Cranfield University will then invite the Helicopter Safety Team panel to highlight how these issues are being addressed through training, procedures or technology. The panel will consist of members from IHST, the new ESPN-R, Leonardo, Airbus and EASA.

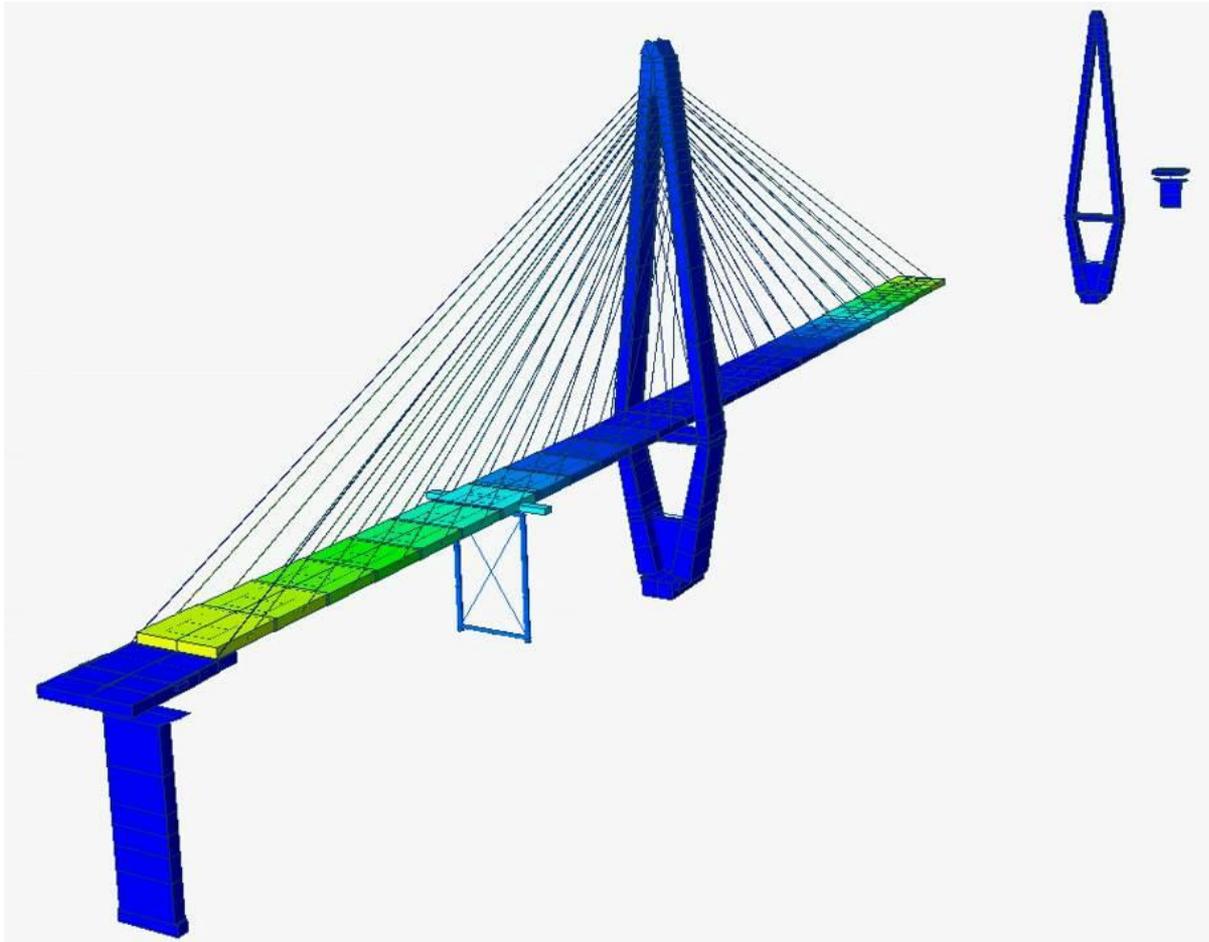
**Confirmed Panellists:**

- Eric Bennett, Air Operations Regulations Officer, European Aviation Safety Agency (EASA)
- Gilles Bruniaux, Head of Aviation Safety, Airbus Helicopters
- Mike O'Donoghue CBE, Director and Chief Executive, Odee Consulting Limited and the General Aviation Safety Council (GASCo)
- Dr Michel Masson, Senior Safety Promotion Officer, ESPN-R Coordinator, European Aviation Safety Agency (EASA)
- Nick Mayhew, Senior Program Manager, L3 Link Simulation & Training and Industry Outreach Chair, USHST
- Tony Molinaro, Communications Officer, International Helicopter Safety Team (IHST)

**12:45-13:00 | Summary and Closing Remarks**



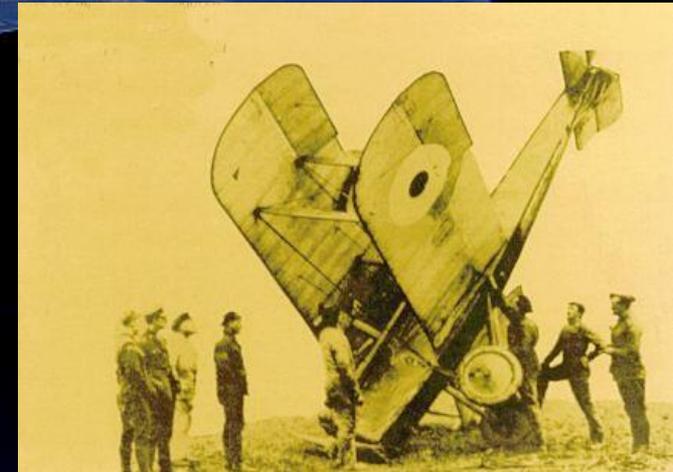
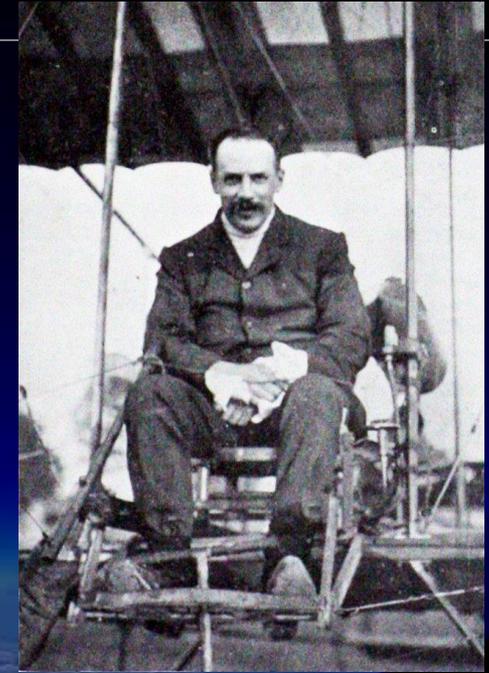
# Safety in Stages





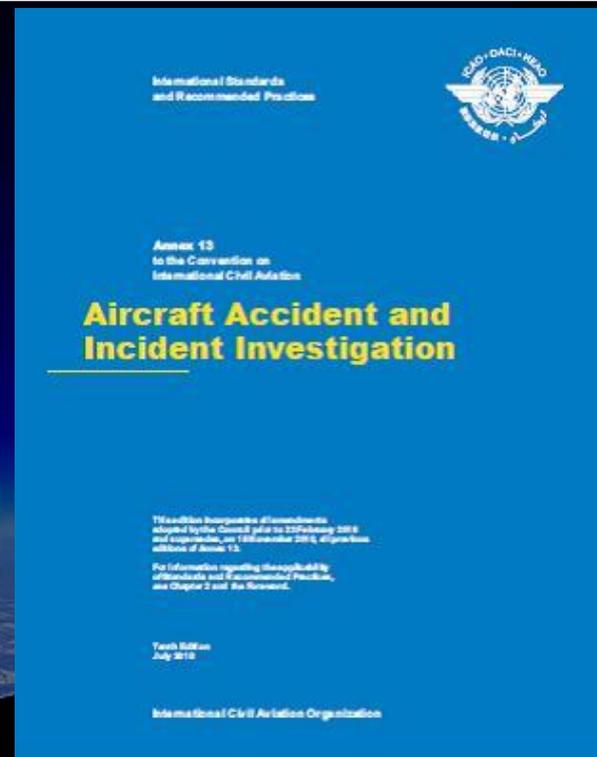
# AAIB History – Centenary in 2015

- 1915 Royal Flying Corps
- 1919 Department of Civil Aviation - Air Ministry
- 1946 Ministry of Civil Aviation, of Transport,  
1983 of Aviation, Board of Trade,  
Department of Trade and Industry,  
Department of Trade
- 1983 **Department of Transport**, of the  
2002 Environment, Transport and the Regions  
for Transport, Local Government and the  
Regions



**2002 to now – ‘Department for Transport’**

# AAIB Purpose



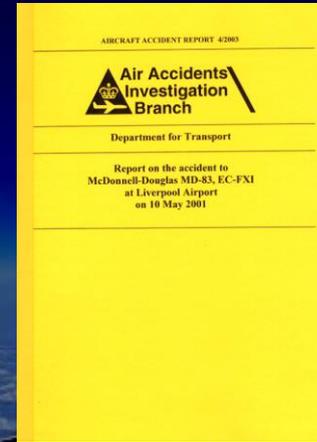
## AAIB Purpose (ICAO Annex 13)

“To improve aviation safety by determining the causes of aircraft accidents and serious incidents and making safety recommendations, to prevent recurrence”

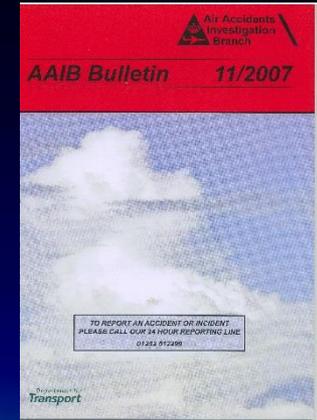
*NOT to apportion blame or liability  
AAIB is independent from the CAA & EASA*

# What we produce

- Most Field Investigations – Monthly Bulletin



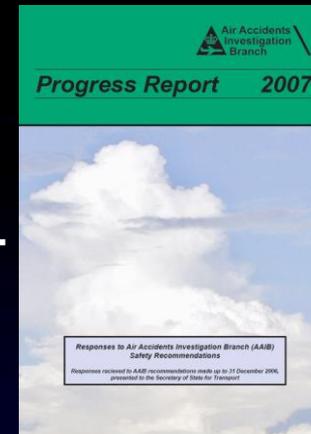
- Major accidents – Formal Report



- Immediate factual information – Special Bulletin



- Safety Recommendation - Annual report





All



**ET-AOP, B787, Stand 592 at Heathrow,  
12 July 2013, 1533 hrs**



# B787 ET-AOP – fuselage damage - exterior



# Accident to AS332 L2 G-WNSB, on Approach to Sumburgh, 23 August 2013



18 POB, 4 fatal

## General aviation - Cheltenham 1988



# Safety in Stages - Pre Flight



# Safety in Stages - Take Off



\* NOT a picture of the Accident Airframe

# Safety in Stages - En Route



# Safety in Stages - Approach & Landing



# At the Very Beginning



# Positive Safety – Positive Change

