



2010 Flight Test Group
Conference

SETP/ SFTE 4th European Flight Test Safety Workshop

28th – 29th September 2010

Royal Aeronautical Society,
No.4 Hamilton Place, London
W1J 7BQ

Synopsis

The history of flight testing is full of examples of both "professional" and "amateur" approaches to the subject. What makes the difference? This workshop's theme is an attempt to focus discussion on flight tests where the participants' skill sets, knowledge, and experience levels proved critical to safe and successful program completion.

The theme of the 4th Annual European Flight Test Safety Workshop is ***“Flight Test Professionals – skill sets, knowledge and experience critical to successful and safe test programs”***.

The purpose of the safety workshop is to provide an open forum where test safety issues can be presented, discussed and probed with other members and disciplines of the flight test community.

In Partnership with:



**Sponsorship Opportunities still
available**

Please contact Gemma Crabb on
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2 Day Programme



4th European Flight Test Safety Workshop

Tuesday 28th September 2010

08.30 *Registration and Coffee*

09.00 **Opening Remarks**

Session 1

09.15 **(1) The Symbiotic Relationship between Configuration Management and Airworthiness Certification**
Clayton Kolb, Research Configuration Control Officer of Naval Test Wing Atlantic, Naval Air Systems Command
Dr Tim Schoppert, Flight Clearance Releasing Authority for VX-20 Test Squadron, Naval Air Systems Command

09.45 **(2) Helicopter/Ship Interface Testing & Configuration Management**
Paul Edwards, Empire Test Pilot School Course Development Manager, QinetiQ

10.15 **(3) Operational Considerations in the Certification of Technically Advanced Aircraft (TAA)**
Robert Barnes, President, Robert B Barnes Associates, Inc

10.45 *Coffee & Networking Break*

11.15 **(4) Planning and Execution of Atmospheric Research Operations in the UK following the 2010 Icelandic Volcano Eruption**
Dr Guy Gratton, Head of Facility, Facility for Airborne Atmospheric Measurements, Cranfield University
Capt Philip Sheldon, Managing Director, Directflight Ltd

11.45 **(5) Under Pressure Everything Becomes Fluid**
Arun Karwal, Research Test Pilot, National Aerospace Laboratory NLR

12.15 **(6) Nimrod MRA4 Natural Icing Trials - Knowing When to Ask for Help**
Edward Townshend, Nimrod MRA4 Operations & Planning, BAE Systems

12.45 **Discussion**

13.15 *Networking Lunch*

Session 2

14.15 **(7) Nimrod MRA4 – Steering Round the Pitfalls of Vmcg**
Ian Edmundson, Nimrod Flight Test – Airframe, BAE Systems

14.45 **(8) MRa4 Rejected Takeoff Trials**
Alex Bellamy, Engineering Manager, BAE Systems

15.15 **(9) From Flight Testing 'By the Seat of Ones Pants'**
Hugo Marom TBC

15.45 *Tea & Networking Break*

16.15 **(10) Mayday Foundation**
Gerhard Fahnenbruck

17.15 **Discussion**

17.45 ***Evening Reception***

2 Day Programme



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Wednesday 29th September 2010

08.30 *Coffee*

09.00 **Opening Remarks**
Maurice "Moe" Girard, Senior Engineering Test Pilot, Cessna Aircraft Company

Session 3

09.05 **(11) Passing the Torch**
Timothy Leslie, Supervisor of Flying Operations and Training, National Research Council of Canada/Institute for Aerospace Research/Flight Research Laboratory

09.35 **(12) Methods and Facilities used for Evaluating Aircraft Flight and Navigation Equipment in Flight Tests**
Yakushev Vyacheslav, Engineer, TsAGI

10.05 **(13) The Human Brain, Forgotten in Aviation**
Ronald van Heerden, Offshore Helicopter Captain/Flight Safety Officer

10.35 *Coffee & Networking Break*

11.05 **(14) The Challenges of Light Aeroplane Spin Testing & Research**
Rein Inge Hoff, Researcher, Brunel Flight Safety Laboratory

11.35 **(15) Safety Aspects of Light Aircraft Spin Resistance Concept**
Falk Pätzold, Institute of Flight Guidance, Technische Universität Braunschweig

12.05 **Discussion**

12.30 *Networking Lunch*

Session 4

13.30 **(16) Grob Spn Flutter Accident**
Tore Reimers, Freelance Experimental Test Pilot

14.00 **(17) Next Generation Automatic Ground Collision Test Results**
Billie Flynn and Kevin Prosser

14.30 *Tea & Networking Break*

15.00 **(18) Safety Management the High Risk A400M Flying Test Bed Programme**
Iain Young MBE, Chief Test Pilot, Marshall Aerospace
Robert Boyle, Head of Flight Test, Marshall Aerospace

15.30 **(19) Tow Assisted Takeoff Evaluation**
Rusty Lowry, Technical Director, US Naval Test Pilot School

16.00 **Discussion**

19.00 Awards Dinner

