



# Flight Simulation Group Conference Fixed Wing and Rotary Wing FSTDs: On the Road to Harmonisation

Wednesday 18 -Thursday 19 November 2009

No.4 Hamilton Place, London W1J 7BQ, UK

## PROGRAMME

### Day 1 - Wednesday 18 November 2009

08.30 *Registration / Tea and Coffee*

09.00 **Welcome & Opening Remarks**

AVM David Couzens, President-Elect, Royal Aeronautical Society, UK

James Takats, Flight Simulation Group, IWG, ICFQ & Conference Chairman, Royal Aeronautical Society, USA

09.15 **Keynote Address I: Complete International Harmonisation – Dream or Reality?**

Paul Lamy, Senior Adviser to the Director of the Air Navigation Bureau, Inter'l Civil Aviation Organization (ICAO), Canada

### **SESSION 1: Flight Simulator Training Device Regulation – Fixed Wing**

Chairman: Peter Tharp, Vice-Chairman, Flight Simulation Group, Royal Aeronautical Society, UK

09.35 (1) **The IWG-A, IWG-H and ICFQ – Structure, Process, Results**

Don Irving, FSTD Consultant, Flight Simulation Group & Chairman, IWG and ICFQ, UK

09.55 (2) **The Influence of MPL on Doc.9625 Rev.3**

Capt Dieter Harms, Senior Advisor to IATA, Harms Aviation Training Consulting, Germany

10.15 (3) **Lower Level Devices for MPL – How Much Do We Need?**

Mark Dransfield, Senior Director - Business Development & Strategy, Mechtronix, Canada

10.40 *Tea and Coffee Networking Break*

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11.10 (4) **Training for Competence: A Step Change in Aviation Regulation**

Capt Mike Varney, Project Leader, Training and Qualification Initiative, IATA, Canada

11.35 (5) **Motion System Report – IWG-H & IWG-A**

Dr Sunjoo Advani, President, International Development of Technology & IWG, The Netherlands

11.55 (6) **A Simulator Manufacturer's Viewpoint – Fixed Wing**

Peter Jarvis, Chief Engineer, Civil Simulation Technologies, CAE Inc, Canada

12.15 **Discussion**

12.45 *Networking Lunch*

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### **SESSION 2: Flight Simulator Training Device Regulation – Rotary Wing**

Chairman: Mike O'Donoghue CBE, Consultant, Odee Consulting Limited, UK

13.45 (7) **The Helicopter International Working Group – An Overview**

Matt Jennings, Principal Consultant, Aviation Safety Consulting Limited & Co-Chairman of the IWG-H Training Sub-Group, UK

14.10 (8) **The H-IWG Technical Sub Working Group – Tasks and Methodology**

Stéphane Clément, Director of Regulatory Affairs, Civil Simulation Products, Training and Services, CAE Inc, Canada  
Larry McDonald, Aerospace Engineer, Federal Aviation Administration (FAA), USA

14.35 (9) **Helicopter Training Matrix**

Capt Robert Calvert, Aviation Consultant, Calvert Aviation Management Ltd, UK

15.00 (10) **Rotary Wing Harmonisation: A Simulator Manufacturer Perspective**

Mike Phillips, Senior Manager, Helicopter Business Development, Frasca International Inc, USA

15.25 *Tea and Coffee Networking Break*

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15.50 (11) **Helicopter Manufacturer Viewpoints – Eurocopter's View**

Rupert Hibbert, Head of Commercial Training Programmes, Eurocopter, France

16.20 (12) **Visual System Report – IWG-A & IWG-H**

Andy Ramsden, Products Manager, Visual Programs, Rockwell Collins, UK

16.45 **Discussion**

17.15 *Evening Reception*

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**Day 2 – Thursday 19 November 2009**

08.30 *Registration / Tea and Coffee*

09.00 **Opening Remarks**

James Takats, Flight Simulation Group, IWG, ICFQ & Conference Chairman, Royal Aeronautical Society, USA

09.10 **Keynote Address II: Global Training & Pilot Qualification Harmonisation: Continuing to Raise the Bar for Efficiency & Safety**

Jeff Roberts, Group President, Civil Simulation Products, Training and Services, CAE Inc, Canada

**SESSION 3: The Training Industries Response**

Chairman: Capt Colin Stephens, 757/767 Training Captain & Simulator Standards Evaluation Pilot, British Airways, UK

09.30 (13) **Harmonising the FSTD Regulation and Approval Process: What's in it for the Rotary Wing Operators?**

Terje Thorrud, Head of Training & Manager FSTD, CHC, Norway

09.55 (14) **Where Next?**

Capt David Sale, Programme Manager Sikorsky S92, FlightSafety International, UK

10.20 (15) **A Fixed Wing Training Viewpoint**

Ian Cooper, Head – Training Development & Resources, Oxford Aviation Academy, UK

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10.45 *Tea and Coffee Networking Break*

11.15 (16) **Status Report on NPA 2008-22 'Authority and Organisation Requirements' related to FSTD**

Jens Krüger, Rulemaking Directorate, Flight Crew Licensing Section, European Aviation Safety Agency (EASA), Germany

11.40 (17) **A Global Aviation Training System ... A Recommendation**

Edward Cook, Senior Advisor to the Air Transportation Division Manger, Federal Aviation Administration (FAA), USA  
*To be presented by Peter Tharp*

12.05 (18) **Report on Upset Recovery Working Group**

Dr Sunjoo Advani, President, International Development of Technology & IWG, The Netherlands

12.20 (19) **The Aeroplane Flight Simulator Evaluation Handbook, 4<sup>th</sup> Edition**

Malcolm Blackwood, Consultant, MB Consultants (Simulation) Ltd, UK

12.30 **Discussion**

12.45 *Networking Lunch*

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**SESSION 4: Other Training Devices and their Uses**

Chairman: Tanja Schliebs, System Engineer, EADS Deutschland GmbH & Flight Simulation Group, Germany

13.45 (20) **ATC Simulation: Are We There Yet?**

Marsha Bell, VP Commercial Pilot Training Systems, Adacel Systems Inc, USA

14.10 (21) **Lower Level Devices Can Fill The Gap: More Complete Training at Low Cost Through Better Understanding**

Graeme Ogilvie, Consultant, Alsim, UK

14.35 (22) **US Navy Use of Civil Qualification Standards for Simulators**

Alan Brannan, Chief Engineer, CAE USA Inc, USA

15.00 *Tea and Coffee Networking Break*

15.30 (23) **Practical Experience with a Novel Dutch Approach for the Qualification of Military Flight Simulators**

Ir Hans Jansen, Senior Scientist, National Aerospace Laboratory NLR, The Netherlands  
Lt Col Herman Koolstra, Senior Flight Inspector, Military Aviation Authority, The Netherlands

15.55 (24) **Use of Simulation in Baulked Landing Studies**

Jerry Robinson, Engineer, The Boeing Company, USA

16.20 **Discussion**

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**SESSION 5: Open Forum**

Chairman: James Takats, Flight Simulation Group, IWG, ICFQ & Conference Chairman, Royal Aeronautical Society, USA

16.35 IWG Steering Committee Peter Tharp, Matt Jennings and Don Irving

16.55 **Closing Remarks**

James Takats, Flight Simulation Group & Conference Chairman, Royal Aeronautical Society, USA

17.00 *Close of Conference*