DAY 1 - Wednesday 9 November 2011

08.30  Registration / Tea and Coffee

09.00  Welcome and Opening Remarks
Gordon Woolley, Conference Chairman, Royal Aeronautical Society, UK

09.10  Keynote Address  Aviation Safety How Did We Get Here?
Sir Stuart Matthews  USA

Session 1: Simulator Fidelity and Fitness for Purpose
Chairman Barry Tomlinson, RAeS Flight Simulation Group

09.40  (1)  Opening address: Why do we focus so much on the tool and not what the tool is used for?
Speaker  Lloyd Watson  Commercial Director & Head of Training UK, Oxford Aviation Academy UK

10.10  (2)  Title  The Russian Perspective: Flight Simulation & Training – Real Way to Flight Safety
Speaker  Vladimir Shibaev & Valery Sukhanov, TsAGI Russia

10.35  (3)  Title  Preliminary Results of a Trial Methodology for Qualitative Assessment of Simulator Fidelity
Speakers  Robert Erdos, NRC, Canada, & Mark White, Emma Timson Liverpool University UK

11.00  Tea and Coffee Networking Break

Session 2: The Wider Contribution of Simulation
Chairman Bob Curnutt

11.30  (4)  Title  Global Regulatory Trends including Aviation: Where are we now?
Speaker  Gerard Forlin QC

11.55  (5)  Title  B787 – Training the Maintainers for the Software Driven Airplane
Speakers  Dave White (Thales) & German Rangel (Boeing)

12.20  (6)  Title  Safety by Design: The Use of Flight Simulation in Design and Certification of the 787
Speaker  Roger McMillen, Boeing Commercial Airplanes US

12.45  Discussion

13.00  Networking Lunch

14.00  Keynote Speaker Introduction  Jack Shlien, RAeS Flight Simulation Group

14.05  Keynote Address  video recording
The Hon Deborah Hersman The Chairman US NTSB

Session 3: ICATEE – Technology and Techniques
Chairman: Jim Takats, Opinicus, US

14.30  (7)  Title  ICATEE - Addressing the Primary Threat to Flight Safety
Speaker  Sunjoo Advani RAeS Flight Simulation Group and Chairman ICATEE NL

15.00  (8)  Title  The Application of Potential Data Sources for Simulator Compliance with ICATEE Recommended Stall Modeling Requirements
Speaker  David R Gingras, John R Ralston, Chris Wilkening Bihrlé Research Inc, & Paul Desrochers, Test Pilot Inc, USA

15.25  Tea and Coffee Networking Break
# Autumn 2011 Flight Simulation Conference

## The Contribution Of Flight Simulation to Aviation Safety

**Wednesday 9 - Thursday 10 November 2011**  
No.4 Hamilton Place, London W1J 7BQ, UK

### 15.50 (9)  
**Title**  
FFS motion flight handling fidelity: a necessary step forward  
**Speaker**  
Guy Talemans Sabena Flight Academy

### 16.15 (10)  
**Title**  
SUPRA Project Pushes Flight Simulator Envelope for Upset Recovery  
**Speaker**  
Eric Groen TNO Netherlands, & Lars Fucke Boeing Research & Technology Europe, Spain

### 16.40  
Discussion

### 17.00  
End of Day 1

### 17.30  
*Evening Reception*
DAY 2 - Thursday 10 November 2011

08.30  Registration / Tea and Coffee

09.00  Opening Remarks
Gordon Woolley, Conference Chairman, Royal Aeronautical Society, UK

Session 4:  Aspects of Instruction
Chairman: Hugh Dibley, RAeS FSG

09.05  (11)  Title  Global Full Flight Simulator Instructor LOC-I Standardization through Technology
Speaker  Paul BJ Ransbury, Aviation Performance Solutions, US, & Lou Nemeth CAE Canada

09.30  (12)  Title  Effective Upset Training Based on Evidence
Speaker  Paul Kolisch Flight Operations Training & ICATEE

09.55  (13)  Title  Instructor Qualification and Accreditation – Is the Wheel being re-invented?
Speaker  Ed Oates UK

10.20  (14)  Title  Training Flight Safety
Speaker  Cpt. Christof-J. Kemény, Lufthansa CityLine GmbH

10.45  Discussion

10.55  Tea and Coffee Networking Break

Session 5:  General Aviation and Rotorcraft Safety – Is Flight Simulation the Answer?
Chairman  Mike O'Donoghue CE GASCo

11.25  Chairman’s Introduction
General Aviation Safety: An overview of the rationale for and cost & training implications of simulator based training for GA fixed and rotary wing aircraft.

11.40  (15)  Title  Why UK General Aviation Needs Improved Simulation Training.
Speaker  Andrew Taylor & Stephen J Wright, University of Leeds UK

12.15  (16)  Title  Low cost simulation and its contribution to safety: what does GA fixed wing need from simulation
Speaker  Cato

12.40  (17)  Title  Using Flight Simulation to Investigate Factors Affecting Loss of Control of Light Aircraft
Speaker  Michael A. Bromfield Brunel Flight Safety Laboratory, UK

13.05  Networking Lunch

14.05  (18)  Title  Rotorcraft Operation the Safety Benefits of Synthetic Training
Speaker  Bernard Del ghingaro Thales Training & Simulation France

14.30  (19)  Title  A Training Device to Improve Flight Safety of Gyroplanes
Speaker  Pruter

14.55  (20)  Title  GL Studio iDevice Toolkit – Innovation at Work
Speaker  Colin Hillier

15.20  Discussion

15.40  Tea and Coffee Networking Break
Session 6: The Contribution of Flight Simulation to Aviation Safety: Further Initiatives
Chairman: Gordon Woolley Conference Chairman

16.10 (21) Title The RAes Flight Simulation Group and Global Standards
Speaker Peter Tharp

16.30 (22) Title Concluding Remarks and Proposals for Further Action
Speaker Conference Chairman & Chairman FSG

17.00 Close of Conference