



DAY 1 – MONDAY, 23 MARCH 2015		
OPENING SE	SSION	
09:30 - 09:40	Welcome Remarks Dr. Olumuyiwa Benard Aliu, President of the Council, ICAO	
09:40 - 10:30	Keynote Speeches Michael Whitaker, Deputy Administrator, Federal Aviation Administration (FAA), United States (US)  Filip Cornelis, Head of Unit in charge of Aviation Safety, Aviation and International Transport Affairs, Directorate General Mobility and Transport, European Commission (EC)  Dave Vos, Head of Project Wing, Google	
10:30 - 11:00	Coffee Break — Sponsored by: CAE  Exhibitions and Flight Demonstrations	
11:00 – 12:30	RPAS - what is the world doing and what is needed?  Moderator Stephen Creamer, Appointed Director, Air Navigation Bureau (ANB), ICAO  Presentations  Luc Tytgat, Director, Strategy and Safety Management, European Aviation Safety Agency (EASA) (confirmed)  John Hickey, Deputy Associate Administrator for Aviation Safety, FAA, US (confirmed)  Patrick Gandil, Director General, DGAC, France(confirmed)  Marion Blakey, Chairperson of Council, International Coordinating Council of Aerospace Industries Associations (ICCAIA) (confirmed)  Catalin Radu, Deputy Director Aviation Safety, Air Navigation Bureau, ICAO (confirmed)	
12:30 – 14:00	Lunch — Sponsored by: ESRI — Environmental Systems Research Institute  Exhibitions and Flight Demonstrations	





DAY 1 – MONDAY, 23 MARCH 2015		
SESSION 2	Setting the scene	
	Setting the scene Showcasing a diverse set of current and near-term operations from around the world that highlights the need for a comprehensive and harmonized regulatory framework to support growth and development.	
14.00 15.20	Moderator Kerryn Macaulay, Representative of Australia on the Council of ICAO	
14:00 – 15:30	<ul> <li>Presentations</li> <li>Scott Dann, Director, Strategic Development, General Atomics Aeronautical Systems, Inc. (confirmed)</li> <li>Jon Resnick, Policy Lead, DJI Innovations (confirmed)</li> <li>Masaaki Nakadate, Senior Researcher at Institute of Aeronautical Technology, Japan Aerospace Exploration Agency (JAXA) (confirmed)</li> <li>Marc Moffatt, Executive Director, ICATS (confirmed)</li> <li>Ian Davies, Position, Easyjet (confirmed)</li> </ul>	
15:30 – 16:00	Coffee Break — Sponsored by: AeroVironment  Exhibitions and Flight Demonstrations	
16:00 – 17:00	Setting the scene Showcasing a diverse set of current and near-term operations from around the world that highlights the need for a comprehensive and harmonized regulatory framework to support growth and development.  Moderator Margaret Jenny, President, RTCA (confirmed)	
	<ul> <li>Presentations</li> <li>Paola Santana, Co-Founder and COO, Matternet, Inc. (confirmed)</li> <li>Jay Shively, Human Systems Integration Lead, National Aeronautics and Space Administration (NASA), US (confirmed)</li> <li>Rob Eagles, Director, ATM Infrastructure, International Air Transport Association (IATA) (confirmed)</li> </ul>	
17:00 – 17:30	ICAO RPAS Panel     Leslie Cary, RPAS Programme Manager, ICAO (confirmed)	
17:30	Randy Willis, ICAO RPAS Panel Chairman (confirmed)  Welcome Reception Hosted by the Delegation of the United Kingdom	





	End of Day 1	
	DAY 2 – TUESDAY, 24 MARCH 2015	Thread 1
WORKSHOP	1 Airworthiness	
09:00 – 10:30	AIRWORTHINESS – getting them off the ground and back safely, to the Airworthiness workshop will highlight the regulatory challenges and considerapprovals for RPA, RPS and RPAS as a complete system. Regulators and manufact through which certification was achieved.	erations for type and airworthiness
	Moderator John Hickey, Deputy Associate Administrator for Aviation Safety, F.	AA US
	<ul> <li>Presentations</li> <li>Stephen George and Bruno Moitre, ICAO RPAS Panel Airworthiness I</li> <li>Markus Farner, Chairman of FOCA RPAS Working Group, Federal</li> </ul>	
	<ul> <li>Switzerland (confirmed)</li> <li>Mike Gadd, Manager Aircraft Certification, Civil Aviation Authority, U</li> <li>Andrew Jones, Manager ISTAR Air Operations, Thales UK (confirmed)</li> </ul>	
10:30 - 11:00	Coffee Break – Sponsored by: CANSO  Exhibitions and Flight Demonstration	
11:00 – 12:30	Moderator Luc Tytgat, Director, Strategy and Safety Management, EASA  Presentations	
	<ul> <li>Doug Davis, Director, Office of Airworthiness, Northrop Grumman (co</li> <li>Ron van de Leijgraaf, Former JARUS Chairman, Joint Authorities for F (JARUS) (confirmed)</li> </ul>	
	<ul> <li>Otmar Leitner, Head of Airworthiness Department, Schiebel (confirm</li> <li>Benny Davidor, Head, Unmanned Air Systems Department, CAA, Isra</li> <li>Michael Allouche, IAI-MALAT Airworthiness Manager, Israel Aerospa</li> </ul>	uel (confirmed)
12.20 44.00	Lunch – Offered by: ICAO	
12:30 – 14:00	Exhibitions and Flight Demonstration	ns





## DAY 2 - TUESDAY, 24 MARCH 2015 Thread 1 (continued) WORKSHOP 2 **Operations** OPERATIONS – getting them off the ground and back safely: the operators' path The Operations workshop will highlight the regulatory challenges and considerations for RPAS operator certification and approval. Regulators and operators will present the processes through which certification and approval was achieved. Moderator Javier García Soruco, Representative of Bolivia on the Council of ICAO 14:00 - 15:30 **Presentations** Rune Storvold, Senior Scientist at Norut in Tromsø, Norway, Arctic Monitoring and Assessment Programme (AMAP), Arctic Council (confirmed) Gerry Corbett, ICAO RPAS Panel Operations Rapporteur (confirmed) Muriel Preux, Director, RPAS Programme, Direction Générale de l'Aviation Civile (DGAC), France (confirmed) Bastien Mancini, CEO, Delair Tech (confirmed) Craig Spence, Secretary General, International Council of Aircraft Owner and Pilot Associations (IAOPA) (confirmed) Coffee Break - Sponsored by: General Atomics 15:30 - 16:00 **Exhibitions and Flight Demonstrations** Moderator Maria Helena Faleiro T. de Almeida, Representative of Portugal on the Council of ICAO **Presentations** Yoge Patel, CEO, Blue Bear (confirmed) 16:00 - 17:30 Jim Williams, Manager, Unmanned Aircraft Systems Integration Office FAA, US (confirmed) Paul McDuffee, Vice President, government relations and strategy, InSitu (confirmed) Amir Valiev, President, Unmanned Aircraft Systems Association of Russia (UASA) (confirmed) David Gamper, Director, Safety & Technical, Airport Council International (ACI) (confirmed)

End of Day 2 Thread 1





	DAY 2 – TUESDAY, 24 MARCH 2015 Thread 2		
WORKSHOP	3 ATM Integration		
09:00 – 10:30	ATM INTEGRATION – getting to know the rules and fitting in safely The ATM integration workshop will explain the step-by-step approach required for operations into the air navigation system.		
	Moderator Philippe Merlo, Director of Air Traffic Management, Eurocontrol		
	<ul> <li>Presentations</li> <li>Mike Lissone, ICAO RPAS Panel ATM Rapporteur (confirmed)</li> <li>Doug Davis, Chair of Collaborative Airspace Workgroup, Civil Air (CANSO) (confirmed)</li> <li>Parimal Kopardeka, Manager, Safe Autonomous System Operation Center, US (confirmed)</li> <li>Cyro Cruz, Commandant of Airspace Control Unit of Porto Alegre Department of Airspace Control (DECEA), Brazil (confirmed)</li> </ul>	s Project, NASA Ames Research	
10:30 - 11:00	Coffee Break – Sponsored by: CANSO  Exhibitions and Flight Demonstrations		
11:00 – 12:30	<ul> <li>Moderator</li> <li>Council Representative, Representative of on the Council</li> <li>Presentations</li> <li>Ruth Stilwell, Observer on the Air Navigation Commission (ANC), Intercontrol Associations (IFATCA) (confirmed)</li> <li>Thomas Mildenberger, Vice-President, Vereinigung Cockpit, International Associations (IFALPA) (confirmed)</li> <li>Martin Radusch, ATM Policy Staff Officer, Bundeswehr, Germany (congenies and Guimond, Manager, Military Operations and UAS, Nav Canada,</li> <li>Catherine Ronflé-Nadaud, Head of the UAV Program, École Nation France (confirmed)</li> </ul>	rnational Federation of Air Traffic tional Federation of Airline Pilot firmed) Canada (confirmed)	
12:30 – 14:00	Lunch – Offered by: ICAO		
12.30 - 14.00	Exhibitions and Flight Demonstrations	s	





	DAY 2 – TUESDAY, 24 MARCH 2015 Thread 2 (continued)		
WORKSHOP	WORKSHOP 4 Civil/Military		
14:00 – 15:30	CIVIL/MILITARY – working together for a common future  The Civil/Military workshop will present experience gained by civil and military stakeholders working collaboratively to facilitate the safe integration of RPAS in non-segregated airspace.		
	Moderators Giorgio Cioni, Head of Aerospace Capabilities Section, Defence Investment, Northern Atlantic Treaty Organization (NATO) Catalin Radu, Deputy Director Aviation Safety, Air Navigation Bureau ICAO  Presentations  Allan Storm, International Staff - Aerospace Capabilities, NATO (confirmed) Alban Galabert, RPAS Advisor, Direction de la Sécurité de l'Aéronautique d'État (DSAE), France (confirmed) Randy Willis, UAS Integration Office, FAA, US (confirmed) Lance King, Policy Board for Federal Aviation, DoD, US (confirmed) Robert Sant, COO, Malta ATS (confirmed)		
15:30 – 16:00	Coffee Break — Sponsored by: General Atomics  Exhibitions and Flight Demonstrations		
16:00 – 17:30	<ul> <li>Presentations</li> <li>Mike Bishop, Director of the 5 AF Aviation Affairs Branch, USAF (confirmed)</li> <li>Jonathan McMullan, Wing Commander, Royal Australian Air Force (RAAF), Australia (confirmed)</li> <li>Dominique Colin, RPAS senior expert, Eurocontrol (confirmed)</li> <li>Mitchell Fox, Chief, Air Transport Section, United Nations Headquarters, New-York (confirmed)</li> <li>Nichola Rennet, RPAS expert at Military Aviation Authority, Ministry of Defense, UK (confirmed)</li> </ul>		
End of Day 2 Thread 2			





DAY 2 – TUESDAY, 24 MARCH 2015 Thread 3		
WORKSHOP	5 Technology	
	TECHNOLOGY – a critical element for integration  The Technology workshop will present technical and operational challenges pos & avoid. It will highlight the need for collaboration between standards-making of to facilitate safe integration of RPAS in non-segregated airspace.	
09:00 – 10:30	Moderator Alexey Novgorodov, Representative of the Russian Federation on a  Presentations  Michael Neale, ICAO RPAS Panel Command & Control (C2) Rapporte  Vaughn Maiolla, Communications Panel Secretary, ICAO (confirmed)  Nico Nijenhuis, Co-founder & CEO, Clear Flight Solutions (confirmed)  Denis Koehl, Senior Advisor for Military Affairs, Single European Sk (SESAR JU), EU (confirmed)  Paul McDuffee, CoChair SC 228, RTCA (confirmed)	ur (confirmed)
10:30 - 11:00	Coffee Break — Sponsored by: CANSO  Exhibitions and Flight Demonstratio	
11:00 - 12:30	Moderator Víctor Aguado, Representative of Spain on the Council of ICAO  Presentations Gerhard Lippitsch, ICAO RPAS Panel Detect & Avoid Rapporteur (con Alexander Engel, Technical Program Manager, European Organisa (EUROCAE) (confirmed) Brandon Suarez, Lead Engineer, General Atomics Aeronautical Syste Dieter Moormann, Professor, RWTH Aachen University (confirmed) Gokhan Inalhan, Professor, Istanbul Technical University (confirmed)	ation for Civil Aviation Equipment
12:20 _ 14:00	Lunch – Offered by: ICAO	
12:30 – 14:00	Exhibitions and Flight Demonstratio	ons





	DAY 2 – TUESDAY, 24 MARCH 2015  Thread 3 (continued)		
WORKSHOP	WORKSHOP 6 National Regulations		
14:00 – 15:30	NATIONAL REGULATIONS – sharing real world practices  This workshop will allow national authorities to present their current approaches on unmanned aviation regulations particularly for small, simple systems. The unmanned aviation industry is growing exponentially. By sharing information and working collaboratively, States may pursue a harmonized approach to ensure the safety of persons, property and other aircraft.		
	Moderator Knut Magne Skaar, Representative of Norway on the Council of ICAO		
	<ul> <li>Presentations</li> <li>Éric Sivel, Chairman, JARUS (confirmed)</li> <li>Sam Twala, Certification Engineer, CAA, South Africa (confirmed)</li> <li>Jim Williams, Manager, Unmanned Aircraft Systems Integration Office FAA, US (confirmed)</li> <li>Fabien Guillotin, Programme Manager, DSAC, DGAC, France (confirmed)</li> </ul>		
15:30 – 16:00	Coffee Break – Sponsored by: General Atomics  Exhibitions and Flight Demonstrations		
16:00 – 17:30	Moderator Olivier Caron, Representative of France on the Council of ICAO  Presentations  Mike Gadd, Manager Aircraft Certification, Civil Aviation Authority, United Kingdom (confirmed)  Karen Tarr, Inspector Special Flight Operations, Transport Canada (confirmed)  Ales Böhm, Manager Unmanned Aerial Systems Section, CAA, Czech Republic (confirmed)  Markus Farner, Chairman of FOCA RPAS Working Group, Federal Office for Civil Aviation (FOCA), Switzerland (confirmed)		
	End of Day 2 Thread 3		





	DAY 2 – TUESDAY, 24 MARCH 2015	Thread 4	
WORKSHOP	WORKSHOP 7 Licensing		
	LICENSING – remote pilots, a new licence to fly  The Licensing workshop will discuss the approach for licensing a new category of pilot, and competencies for remote pilots and RPA observers.	f aviation professional, the remote	
09:00 – 10:30	Moderator Wolfram Celedón, Representative of Chile on the Council of ICAO		
	<ul> <li>Presentations</li> <li>Henri Rodenburg, ICAO RPAS Panel Licensing Rapporteur (confirmed,</li> <li>Nicole Barrette-Sabourin, Technical Officer Operational Safety, ANB</li> <li>John Illson, Chief, Operational Safety Section, ANB ICAO (confirmed)</li> <li>Lance King, Policy Board for Federal Aviation, DoD, US (confirmed)</li> <li>André Clot, Director, EuroUSC (confirmed)</li> </ul>		
10:30 – 11:00	Coffee Break — Sponsored by: CANSO Exhibitions and Flight Demonstratio		
WORKSHOP			
11:00 – 12:30	SAFETY MANAGEMENT – a proactive start Safety management has become a common practice in manned aviation. For the the operators need to develop and implement safety management practices over authorities.  Moderator Aysha Alhameli, Representative of the United Arab Emirates on the	erseen by the civil aviation	
	<ul> <li>Presentations</li> <li>Miguel Ramos, Technical Officer Safety, ANB ICAO (confirmed)</li> <li>Mike Gadd, Manager Aircraft Certification, Civil Aviation Authority, L</li> <li>Éric Perrin, Head of Safety and Human Performance, SESAR and Rese (confirmed)</li> <li>Robert Dodd, Senior Director, Risk Management, The Aloft Group (confirmed)</li> </ul>	earch Directorate, EUROCONTRO	
	Lunch – Offered by: ICAO		
12:30 – 14:00	Exhibitions and Flight Demonstration	15	





	DAY 2 – TUESDAY, 24 MARCH 2015 Thread 4 (continued)		
WORKSHOP	WORKSHOP 9 Security		
14:00 – 15:30	SECURITY – system protection  This workshop will address aviation security considerations, such as the physical security of the aircraft and remote station, communication links and their associated encryption and personnel practices.		
	Moderator Mark Rodmell, Representative of the United Kingdom on the Council of ICAO		
	<ul> <li>Presentations</li> <li>Steven Berti, Chief, Aviation Security Policy, Air Transport Bureau ICAO (confirmed)</li> <li>Alistair Munro, ICAO RPAS Panel C2 Rapporteur (confirmed)</li> <li>Juan Domingo-Lobato, INFOSEC Expert, Airbus Defence &amp; Space (confirmed)</li> <li>Erwan Le Ho, Project Manager Aeronautical Communications, Thales Alenia Space (confirmed)</li> </ul>		
15:30 – 16:00	Coffee Break – Sponsored by: General Atomics  Exhibitions and Flight Demonstrations		
WORKSHOP	WORKSHOP 10 Legal		
LEGAL – working with the existing framework This workshop will consider questions related to the applicability of the Convention on International Civil Aviation, legal liability and responsibility as well as privacy rights.  Moderator Mark Allen, Representative of Canada on the Council of ICAO  Presentations Christopher Petras, Legal Officer, Legal and External Relations Bureau ICAO (confirmed) Anna Masutti, Professor, University of Bologna, Italy (confirmed) Mark W. Bury, Assistant Chief Counsel, FAA (confirmed) Chris Proudlove, Senior Vice President, Team Leader of Complex Risks, Global Aerospace (confirmed) Laurent Archambault, Associate, Selene Avocats (confirmed)			
	End of Day 2 Thread 4		





DAY 3 – WEDNESDAY, 25 MARCH 2015		
SESSION 3	INTEGRATION	
09:15 - 10:00	Coffee Break — Sponsored by: Thales Alenia Space	
	Exhibitions and Flight Demonstrations	
10:00 – 12:00	INTEGRATION  This session will bring together the key issues identified in each of the workshops to form a shared comprehensive picture of where we are and the way forward.	
	Moderators Nancy Graham, Director ANB, ICAO Stephen Creamer, Appointed Director ANB, ICAO	
	Panelists:  • Moderators from day 1 and day 2	
12:00 – 14:00	Lunch — Offered by: ICAO  Exhibitions and Flight Demonstrations	
	DAY 3 – WEDNESDAY, 25 MARCH 2015	
SESSION 4	NEXT STEPS AND CONCLUSIONS	
14:00 – 15:30	NEXT STEPS AND CONCLUSIONS  Based on the comprehensive picture, this session will discuss how to proceed at the industry, national, regional and global levels.  Speaker  Steephere Greenery Associated Director AND 1640	
Stephen Creamer, Appointed Director ANB, ICAO		
End of Day 3		