

**ICAO's Second Remotely Piloted Aircraft Systems (RPAS) Symposium**

ICAO Headquarters, Montréal, Canada

19 – 21 September 2017

DAY 1 – Tuesday, 19 September 2017

09:30 – 09:50	<p>Welcome Remarks</p> <p>Dr. Olumuyiwa Benard Aliu, <i>President of the Council of ICAO</i></p>
09:50 – 10:45	<p>Keynote Speeches</p> <p>Mr. Alessandro Cardì, <i>Deputy Director General, Ente Nazionale per l'Aviazione Civile (ENAC)</i> Mr. Earl Lawrence, <i>Director, UAS Integration Office, FAA, United States</i> Mr. Tan Kah Han, <i>Senior Director for Safety Regulation, Civil Aviation Authority of Singapore</i></p>
10:45 – 11:15	<p><i>Coffee Break – Sponsored by: AeroVironment</i></p>
11:15 – 12:15	<p>Collaborating to enable safe operations</p> <p>Moderator: Mr. Mike Gadd, <i>Business & Technical Lead UAS & Cyber Programmes, United Kingdom CAA</i></p> <p>Panel discussion</p> <p>Mr. Brian Wynne, <i>President and CEO, Association for Unmanned Vehicle Systems International (AUVSI)</i> Mr. Gilberto Lopez Meyer, <i>Senior Vice President, Safety & Flight Operations, IATA</i> Mr. Jeff Poole, <i>Director General, CANSO</i> Mr. David Gamper, <i>Director Safety, Technical and Legal Affairs, ACI</i> Mr. Jan Pie, <i>Chairman, ICCAIA & Secretary General, AeroSpace and Defense Industries Association of Europe (ASD)</i></p>
12:15- 12:30	<p><i>ESRI – Lunch Sponsor</i></p>
12:30 – 14:00	<p><i>Lunch – Sponsored by: ESRI</i></p>

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14:00 – 15:30	<p>Setting the scene</p> <p>Showcasing a diverse set of current and near-term operations and training experience from around the world that highlight the need for a comprehensive and harmonized regulatory framework to support growth and development.</p> <p>Moderator: Mr. Catalin Cotrut , <i>Director IATA Audit Programs</i></p> <p>Mr. Zdravko Kolev, <i>Research Officer, Frontex, European Border Coast Guard Agency</i> Mr. Chuck Johnson, <i>Senior Advisor for UAS Integration UAS-NAS Project, NASA</i> Mr. Ovais Ahmed, <i>Chief, Aviation Safety Section, United Nations</i> Mr. Brandon Suarez, <i>Senior Staff Engineer, General Atomics Aeronautical Systems Inc.</i></p>
15:30 – 16:00	<p style="text-align: center;">Coffee Break</p>
16:00 – 17:30	<p>Status of the regulatory framework</p> <p>Moderator: Mr. Vladimir Zubkov, <i>Secretary General, The International Air Cargo Association (TIACA)</i></p> <p>Ms. Leslie Cary, <i>RPAS Programme Manager, ICAO</i> Mr. Michael W. Brown, <i>Aviation Safety Analyst, FAA, United States</i> Mr. Yves Morier, <i>Director for Civil Aviation and UAS, EASA</i> Mr. Mike Lissone, <i>Secretary General, Joint Authorities on Rule-making for Unmanned Systems (JARUS)</i></p>
End of Day 1	

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DAY 2 – Wednesday, 20 September 2017

09:00 – 09:10	Opening remarks: Ms. Leslie Cary, <i>RPAS Programme Manager, ICAO Air Navigation Bureau</i>
09:10 – 10:30	<p>Competency-based training and assessment – What is it and why?</p> <p>Moderator: Mr. Farid Zizi, <i>Scientific Advisor International Affairs, DGAC France</i></p> <p>Ms. Ashley Lauryssen, <i>Senior Training Expert, EUROCONTROL</i> Ms. Nicole Barrette-Sabourin, <i>ICAO (retired)</i> Dr. Brent Terwillinger, <i>Masters of Science, Unmanned Systems Program Chair, Embry-Riddle Aeronautical University</i> Mr. Timothy Schoenauer, <i>Global MPL Leader, CAE Ab Initio Training, Civil Division</i></p>
10:30 – 11:00	Coffee Break – Sponsored by: IATA
11:00 – 12:15	<p>What will competency-based training look like?</p> <p>Moderator: Mr. Farid Zizi, <i>Scientific Advisor International Affairs, DGAC France</i></p> <p>Mr. David Hansell, <i>Aviation Policy, Facebook</i> Mr. Edwin Kimzey, <i>Pilot, Test Operations, General Atomics Aeronautical Systems Inc.</i> Mr. Stuart McGlynn, <i>Regulatory Policy & Flight Permissions, Cyberhawk Innovations Ltd.</i> Ms. Nicole Barrette-Sabourin, <i>ICAO (retired)</i> Ms. Ashley Lauryssen, <i>Senior Training Expert, EUROCONTROL</i></p>
12:15 – 12:30	Thales – Lunch Sponsor
12:30 – 14:00	Lunch – Sponsored by: Thales
14:00 – 15:30	<p>Licensing Authority – What does competency-based assessment mean to the licensing authority inspectors?</p> <p>Moderator: Mr. Jim Dow, <i>ICCAIA Air Transport Representative to ICAO</i></p> <p>Mr. Henry Defalque, <i>Technical Officer, ICAO</i> Mr. Farid Zizi, <i>Scientific Advisor International Affairs, DGAC France</i> Mr. Jim Coyne, <i>Technical Director, UAS International</i> Ms. Wimen Fong, <i>Legal Advisor, ACSA/COCESNA</i></p>



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15:30 – 16:00	<i>Coffee Break</i>
16:00 – 17:30	<p>RPAS operator responsibilities: Ensuring that staff are trained/competent; and safe planning of operations from start to finish</p> <p>Moderator: Mr. Jim Coyne, <i>Technical Director, UAS International</i></p> <p>Mr. Zia Meer, <i>Flight Operations Inspector, South Africa CAA</i> Mr. Robert Hannaford, <i>Technical Director, UAV & Drone Solutions Ltd.</i> Mr. Mike Gadd, <i>Business and Technical Lead UAS and Cyber Programmes, United Kingdom CAA</i> Mr. Nick Rogers, <i>CRTO/Co-founder, Sky-Futures</i></p>
End of Day 2	

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DAY 3 – Thursday, 21 September 2017

09:00 – 09:10	Opening remarks: Ms. Leslie Cary, <i>RPAS Programme Manager, ICAO Air Navigation Bureau</i>
09:10 – 10:30	<p>ATM – What does the introduction of RPAS mean to the ATM environment?</p> <p>Moderator: Mr. Chris Dalton, <i>Chief of Airspace Management & Optimization Section, ICAO</i></p> <p>Mr. Mike Lissone, <i>UAS ATM Integration Manager, EUROCONTROL</i> Mr. Robert Stallard, <i>IFATCA</i> Mr. Rob Eagles, <i>Director Infrastructure, IATA</i> Captain Jim Pala, <i>IFALPA</i> Mr. Doug Davis, <i>CANSO</i></p>
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	<p>How do RPAS affect the aviation system as a whole?</p> <p>Moderator: Mr. Miguel Marin, <i>Acting Chief, Operational Safety Section, ICAO</i></p> <p>Mr. Randy Willis, <i>Manager, Emerging Technologies Office, FAA United States</i> Ms. Muriel Preux, <i>Directrice de Project Drones, DGAC France</i> Mr. Pierre Fossier, <i>Vice President, Chief Technical Officer, Thales</i> Mr. Lawrence Ley, <i>Integrated Airspace Solutions Portfolio Manager, The Boeing Company</i></p>
12:30 – 14:00	<i>Lunch</i>
14:00 – 15:00	Upcoming events
	<p>ICAO – <i>Drone Enable preview</i></p> <p>China – <i>Preview ICAO China RPAS Symposium</i></p>
15:00 – 15:30	<p>Summary and Next Steps</p> <p>Mr. Stephen Creamer, <i>Director, ICAO Air Navigation Bureau</i></p>
End of Symposium	

