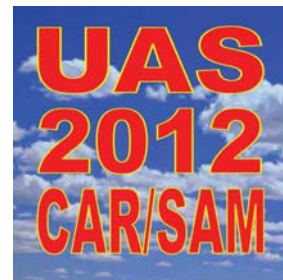




ICAO & LACAC UAS SEMINAR

For Caribbean + South American Regions

Lima, Peru - 18-20 April 2012



PROGRAMME

Session Chairs: Marcelo Ureña, ICAO & Peter van Blyenburgh, UVS International

DAY 1 - Wednesday 18 April 2012

- 00 08.30 – 08.45 Welcome & Opening Remarks
 01 08.45 – 09.00 Hoja de ruta para la Region SAM sobre los UAS
 Oscar Quesada, ICAO SAM Office
- Session 1 Standards
 02 09.00 – 10.00 International regulatory framework for Remotely Piloted Aircraft Systems
 Leslie Cary, ICAO UAS Study Group
- 03 10.00 – 10.30 UAS operations in the ATS airspace
 Victor Hernandez, ICAO
- 10.30 – 10.45 Panel Discussion
 10.45 – 11.30 Coffee & Refreshment Break
- Session 2 Standards
 04 11.30 – 12.00 Current status of work in the field of UAS-related standards in the USA
 John Walker, The Padina Group (on behalf of RTCA SC203), USA
- 05 12.00 – 12.30 Current status of work in the field of UAS-related standards in Europe
 Tore Kallevig, AVINOR (on behalf of EUROCAE WG73), Norway
- 12.30 – 12.40 Panel Discussion
 12.40 – 14.00 Lunch
- Session 3 Standards
 06 14.00 – 14.30 WG93: Defining standards for Light RPAS
 Peter van Blyenburgh, UVS International (on behalf of EUROCAE WG93)
- 07 14.30 – 15.00 NASA's UAS Integration in the National Airspace System Project
 John Walker, The Padina Group (on behalf of NASA), USA
- 15.00 – 15.10 Panel Discussion
 15.10 – 16.55 Coffee & Refreshment Break
- Session 4 Standards
 08 16.55 – 16.25 European approach to UAS Integration
 Mike Lissone, Eurocontrol, Belgium
- 09 16.25 – 16.55 Light UAS: A coordinated regulatory approach towards international harmonization
 Robert Honorato, ANAC, Brazil (on behalf of JARUS)
- 10 16.55 – 17.25 Defining non-military RPAS strategy: The European Approach
 Peter van Blyenburgh, UVS International
- 17.25 – 17.40 Panel Discussion

DAY 2 - Thursday 19 April 2012

- Session 5 National UAS Regulations
 11 09.00 – 09.30 Brazilian airworthiness regulation perspectives
 Roberto José Silveiro Honorato, ANAC, Brazil
- 12 09.30 – 10.00 La regulación de la RPA en Brasil
 Raquel Grossi Bosque & Cristiano Bichara Leal, ANAC, Brazil
- 13 10.00 – 10.30 Unmanned Aircraft Systems Access to Brazilian airspace
 Jerónimo Inácio Nunes, DECEA, Brazil
- 10.30 – 10.45 Panel Discussion
 10.45 – 11.15 Coffee & Refreshment Break
- Session 6 National UAS Regulations
 14 11.15 – 11.45 Overview of current UAS-related regulatory matters in South Africa
 Albert Msithini, CAA, South Africa
- 15 11.45 – 12.15 Unmanned Aircraft Systems regulatory development in Australia
 Jim Coyne, CASA, Australia
- 12.15 – 12.25 Panel Discussion

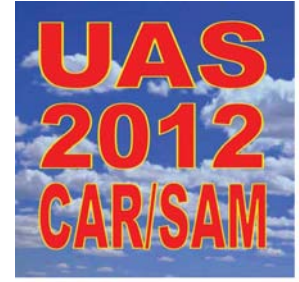
- 12.25 – 14.00 Lunch
- Session 7 National UAS Regulations
 16 14.00 – 14.30 Sistemas Aéreos no tripulados más livianos que el aire, aplicaciones civiles y militares
 Crnl. Fredy Robles & Capt. Jara Olmedo Anibal Lenin, Air Force, Ecuador
- 17 14.30 – 15.00 Régimen Legal del empleo de UAS
 Com. Carlos Walter Agostinelli, Air Force, Argentina
- 15.00 – 15.10 Panel Discussion
 15.10 – 16.00 Coffee & Refreshment Break
- Session 8 National Regulations
 18 16.00 – 16.30 El sistema de aeronaves no tripuladas en México
 Agustín Cano, DGAC, Mexico
- 19 16.30 – 17.00 Ground-based Detect & Avoid: Experience & lessons learned
 Mike Lissone, Eurocontrol (on behalf of Skyguide, Switzerland), Belgium
- 17.00 – 17.10 Panel Discussion

DAY 3 - Friday 20 April 2012

- Session 9 Operations
 20 09.00 – 09.30 DAN 151 - Normas para las operaciones de sistemas de aeronaves pilotadas a distancia (RPAS)
 Wladimir Fernandez, DGAC, Chile
- 21 09.30 – 10.00 Perspectiva y desarrollo reglamentario ante los sistemas de aeronaves no tripuladas (UAS) en Colombia
 Andrés Parra, UAEAC, Colombia
- 22 10.00 – 10.30 Small UAS for precision farming
 Juan Sainz, IDETEC Unmanned Systems, Chile
- 10.30 – 10.45 Panel Discussion
 10.45 – 11.15 Coffee & Refreshment Break
- Session 10 Applications
 23 11.15 – 11.45 MALE UAS de la Policia Federal Brasileña: Experiencia en el campo de la vigilancia de fronteras
 Jose Luiz Boanova Filho, Ministry of Justice, Federal Police, Brazil
- 24 11.45 – 12.15 Views on UAS developments & applications
 Kalinka Castelo Branco, University of Sao Paulo, Brazil
- 12.15 – 12.25 Panel Discussion
 12.25 – 13.50 Lunch
- Session 11 Applications
 25 13.50 – 14.20 UAS for homeland security applications
 Jean Caron, EADS Cassidian, France
- 26 14.20 – 14.50 Small UAS: Photogrammetry applications & airspace integration
 Michael Maes, Gatewing, Belgium
- 27 14.50 - 15.20 The potential of UAS to resolve the bird strike problem
 Speaker TBA
- 15.20 – 15.35 Panel Discussion
 15.35 – 16.05 Coffee & Refreshment Break
- Session 12 Navigation
 28 16.05 – 16.35 Performance-based navigation for UAS
 Eduardo Carrillo, Boeing Research & Technology Europe, Spain
- 29 16.35 – 17.05 MidCas : European detect & avoid study
 Johan Pellebergs, Saab (on behalf of MidCas Consortium), Sweden
- 17.05 – 17.15 Panel Discussion
 17.15 – 17.25 Closing Remarks



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Countries & Organizations
Represented



Countries	Presenter Categories					Presenting Organizations	
	Authorities			Standards Orgs.	Academia		Industry
	Regulatory	Military	Government				
Argentina		X				Air Force	
Australia	X					CASA - Civil Aviation Safety Authority	
Belgium						X Gatewing	
Brazil	X (2)					ANAC - Agência Nacional de Aviação Civil (2 presentations)	
		X				DECEA - Departamento de Controle do Espaço Aéreo	
			X			Ministry of Justice, Federal Police	
					X	University of Sao Paolo	
Chile	X					DGAC - Directorio de Dirección General de Aeronáutica Civil	
						X IDETEC Unmanned Systems	
Colombia	X					UAEAC - Unidad Administrativa Especial Aeronáutica Civil	
Ecuador		X				Air Force	
Europe	X					Eurocontrol	
				X		EUROCAE WG73 (represented by AVINOR, Norway)	
				X		EUROCAE WG93 (represented by UVS International)	
						X MidCas Consortium (represented by Saab, Sweden)	
France						X EADS Cassidian	
International	X					ICAO Headquarters - ICAO UAS Study Group	
	X					ICAO NACC Office	
	X					ICAO SAM Office	
	X					JARUS - Joint Authorities for Rulemaking on Unmanned Systems	
						X UVS International	
Mexico	X					DGAC - Directorio de Dirección General de Aeronáutica Civil	
South Africa	X					CAA - Civil Aviation Authority	
Spain						X Boeing R&T Europe	
Switzerland	X					Skyguide (represented by Eurocontrol)	
USA			X			NASA (represented by Padina Group)	
				X		RTCA SC203 (represented by Padina Group)	
TBA						X TBA	
Total	13	3	2	3	1	7 29 Presentations	