



RPAS in Australian Skies 2017

Conference Program

National Museum of Australia, Canberra
June 27-28, 2017



AAUS acknowledges the generous support from its members, event sponsors and speakers.



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THALES



COBHAM

Tuesday June 27, 2017

0900 – 0930 Registration and coffee

0930 – 0940 Welcome Address:

Dr Reece Clothier, President AAUS

0940 – 1010 Keynote: *Regulating RPAs for Safer Operations*

Chris Monahan, CASA

1010 – 1040 *Drone Management - an International View*

Mark Palmer, Thales

1040 – 1110 Morning Tea

1110 – 1140 *Australian RPAS Regulatory Roadmap*

Andrew Ward and **Dr Terry Martin**, Co-Chairs, UAS sub-Committee, Standards Consultative Committee, CASA

1140 – 1210 *Application of Bowtie Analysis to JARUS SORA for Air Risk*

Mike Roberts, Nova Systems

1210 – 1240 *International Trends in Drone Regulation*

Jon Resnick, DJI

1240 – 1330 Lunch

1330 – 1355 *A Safety Analysis on RPAS – A rapid growth and Safety Implications for Traditional Aviation.*

Dr Terry O'Bree, ATSB

Tuesday June 27, 2017

1355 – 1420 *Exploring Civil Drone Accidents and Incidents to help Prevent Potential Air Disasters*

Dr Graham Wild, RMIT University & **John Murray**, Edith Cowan University

1420 – 1445 *Drones: Crashes and Close Calls*

Simon Hooper, QBE Insurance

1445 – 1530 **Panel Discussion:** *Managing the Risk of non-commercial drone operations*

Chris Monahan, Jon Resnick, Graham Wild, Terry O'Bree and Simon Hooper. Moderated by **Reece Clothier**

1530 – 1600 Afternoon Tea

1600– 1630 *Addressing Airspace Integration Challenges during Westpac Little Ripper Lifesaving Trials*

Eddie Bennet, The Ripper Group

1630 – 1700 *'Flight Lead - Skills for the future' – An overview of the skills required for the next generation of RPAS professionals*

Dan Minton, Australian Industry Standards

1700 – 1800 Networking Drinks

1900 – 2200 Conference Dinner (Salotto Bar + Kitchen)

Wednesday June 28, 2017

0830 – 0900 Registration and coffee

0900 – 0930 *Integrating Air Force UAS in Australian Airspace – Goals and Challenges*

SQNLDR Chris Lowe, RAAF

0930 – 1000 *Advanced CNS / ATM Capabilities for large RPAS*

Brandon Suarez, General Atomics Aeronautical Systems

1000 – 1030 *Lessons learnt by 20 STA Regt flying in shared airspace in Afghanistan*

WO2 Steven Rappard, Army

1030 – 1045 *Q&A: SUAS Special Notice*

LTCOL Keirin Joyce, Army

1045 – 1115 Morning Tea

1115 – 1145 *Current Trends in Remotely Piloted Aircraft Systems Airworthiness*

Matthew Bowers, Director, Program Airworthiness, Northrop Grumman Australia

1145 – 1215 *Understanding the Design Space for Detect and Avoid*

Brendan Williams, Boeing Research & Technology - Australia

Wednesday June 28, 2017

1215 – 1245 *RPAS Communications Assurance and Link Modelling*

Andy Bull, Nova Systems

1245 – 1315 *A Critical Analysis of UAS Operations in a Civilian Airport Environment*

Dr. Vamsi K Madasu, Systra Scott Lister

1315 – 1400 Lunch

1400 – 1430 Challenges and Opportunities for Civil Airspace
Integration of Small UAS in Australia

Tim MacPherson, Raedyne Systems

1430 – 1500 *Sky's the Limit – Role of a Telco*

Steve Harley & Peter Jones, Telstra

1500 – 1545 **Panel Discussion:** *Exploring UTM for Australia*

Mark Palmer (Thales), Simon Young (Airservices Australia) and Andrew Ward (CASA). Moderated by **Brian Miller (Telstra)**

1545 – 1550 Closing Remarks

1550 – 1620 Afternoon Tea

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