



RPAS in Australian Skies 2018

Canberra
March 13-14, 2018

*An Important Strategic Event on the Safe Integration of
Drones into Australian Airspace*

Conference Program

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



Australian Government
Civil Aviation Safety Authority



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Tuesday March 13, 2018

- 0900 – 0930 Registration and coffee
- 0930 – 0940 Welcome Address:
Reece Clothier, President AAUS
- 0940 – 1010 Keynote: *Regulating RPAs for Safer Operations*
Luke Gumley, CASA
- 1010 – 1040 *Global trends in RPAS Regulation*
Adam Welsh, DJI
- 1040 – 1110 Morning Tea
- 1110 – 1140 *Low Level Airspace Management leading to eventual ATM Integration*
Mark Palmer, Thales Australia
- 1140 – 1210 *UAV based product delivery in Urban Environments: Addressing the problems one mouth full at a time*
Dr Terrence Martin, Nova Systems
- 1210 – 1240 *Autonomy – The Next Challenge*
Brendan Williams, Boeing Research & Technology - Australia
- 1240 – 1330 Lunch

Tuesday March 13, 2018

- 1330 – 1400 Drones, Autonomy and Software – What's Next
Kristian Cruickshank, Nova Systems
- 1400 – 1430 *RPAS in an Industry 4.0 Environment*
Dan Minton, Australian Industry Standards
- 1430 – 1500 *Rapid Growth Calls for New Contracts – Issues for Commercial RPA Operators*
Ben Martin, Laura Evans & Kristina Cavanna, Norton White
- 1500 – 1530 Afternoon Tea
- 1530– 1600 *Radar Based Detection and Classification of UAVs*
David Sheahan, IDS Australasia
- 1600 – 1630 *ATSB Update: Safety Analysis on RPAS*
Dr Terry O'Bree, ATSB
- 1630 – 1700 **Panel Discussion:** *Effective Methods to Reduce Illegal Drone Operations*

Panellists: Adam Welsh (DJI), Ross Anderson (Aviassist), TBC

Moderator: Mitch Bannink (Overall Photography)
- 1900 – 2200 Sponsors and Speakers Conference Dinner
Yacht Club (Marquee), Mariner Place Yarralumla

Wednesday March 14, 2018

0830 – 0900 Coffee

0900 – 0930 *MQ-9 experience with USAF and update on AIR7003*

SQNLDR John Vijay, RAAF

0930 – 1000 *Enabling Airspace Access: Performance Based Navigation for UAS*

Jennifer Ledford, General Atomics Aeronautical Systems

1000 – 1030 *UAS Terminal Area Planning: a fresh perspective*

Bob Lohneiss, Northrop Grumman

1030 – 1040 *Announcement of Army Opportunity*

LTCOL Keirin Joyce, Army

1040 – 1115 Morning Tea

1115 – 1145 *Integration of Emergency Services RPAS into Controlled Airspace.*

Simon Young, AirServices Australia

1145 – 1215 *Hospital Helipad Operations – Impacts of RPAS and Personal Air Vehicles*

Duncan Greer, Five Rings Aerospace & **Philip Hogan**, Heliport Design Group

Wednesday March 14, 2018

1215 – 1245 *Introducing AI into your Workflow*

Jackie Dujmovic, Hover UAV

1245 – 1345 Lunch

1345 – 1415 *Telstra – RPAS and Telco's*

Steve Harley & David Nicolas, Telstra

1415 – 1445 *The Usability and Safety of RPAS*

Chris Rittler, Cape

1445 – 1515 Afternoon Tea

1515 – 1545 *Detect and Avoid – State of Play*

Dr. Reece Clothier, Boeing Research & Technology – Australia

1545 – 1615 **Panel Discussion:** *Driving Safety through Technology – What are the Technology Enablers for routine integration of RPAS and BVLOS Operations?*

Panellists: Jennifer Ledford (General Atomics), Chris Rittler (Cape), Peter Jones (Telstra), Mark Palmer (Thales).

Moderator: Reece Clothier (AAUS)

1615 – 1630 Closing Remarks

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