



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



Australian Government
Department of Defence



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Australian Transport Safety Bureau



Tuesday March 13, 2018

0900 – 0930 Registration and coffee

0930 – 0940 Welcome Address:

TBC

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 and Trevor Kistan, Thales Australia

1140 – 1210 *Autonomy – The Next Challenge*

Brendan Williams, Boeing Research & Technology - Australia

1210 – 1240 *UAV based product delivery in Urban Environments: Addressing the problems one mouth full at a time*

Dr Terrence Martin, Nova Systems

1240 – 1330 Lunch

Tuesday March 13, 2018

1330 – 1400 *ATSB Update: Safety Analysis on RPAS*

Dr Terry O’Bree, ATSB

1400 – 1430 *An Airline perspective on Drones*

David Barnes, Jetstar Airways

1430 – 1500 *An overview of the skills required for the next generation of RPAS professionals*

Dan Minton, Australian Industry Standards

1500 – 1530 Afternoon Tea

1530 – 1600 *Rapid Growth Calls for New Contracts – Issues for Commercial RPA Operators*

Ben Martin, Laura Evans & Kristina Cavanna, Norton White

1600– 1630 UAV Counter Drone Technology to Assist Airspace Safety

David Sheahan, IDS Australasia

1630 – 1700 **Panel Discussion:** *Effective Methods to Reduce Illegal Drone Operations*

Panellists: Luke Gumley, Adam Welsh, Terry Martin and David Sheahan. Moderator: TBC

1900 – 2200 Sponsors and Speakers Conference Dinner
Yacht Club, Mariner Place Yarralumla

Wednesday March 14, 2018

0830 – 0900 Coffee

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

SQNLDR John Vijay, RAAF

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

Jennifer Ledford, General Atomics Aeronautical Systems

1000 – 1030 *Title TBC*

TBC, Northrop Grumman

1030 – 1040 *Announcement of Army Opportunity*

LTCOL Keirin Joyce, Army

1040 – 1110 Morning Tea

1110 – 1140 *Integration of Emergency Services RPAS into Controlled Airspace.*

Angela Garvey, AirServices Australia

1140 – 1210 *Title TBC*

Myles McColl, Australian Federal Police

Wednesday March 14, 2018

1210 – 1240 *Hospital Helipad Operations – Impacts of RPAS and Personal Air Vehicles*

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

1240 – 1310 *Detect and Avoid – State of Play*

Dr. Reece Clothier, Boeing Research & Technology –
Australia

1310 – 1410 Lunch

1410 – 1430 *Introducing AI into your Workflow*

Jackie Dujmovic, Hover UAV

1430 – 1500 Drones, Autonomy and Software – What's Next

Kristian Cruickshank, Nova Systems

1500 – 1545 **Panel Discussion:** *Driving Safety through Technology –
What are the Technology Enablers for routine integration
of RPAS?*

Panellists: Jennifer Ledford, Mark Palmer, Kristian
Cruickshank, Angela Garvey. Moderator: Reece Clothier

1545 – 1550 Closing Remarks

1550 – 1630 Afternoon Tea

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