



# THE SIR RICHARD WILLIAMS FOUNDATION

## Williams Foundation Seminar

### *The Requirements of High Intensity Warfare*

22 March 2018

National Gallery of Australia

---

#### Background

Most Air Force and senior military leaders in the western world begin their military careers either around or shortly after the Falkland Wars which were watched globally as an epic air, sea, and amphibious campaign; conventionally fought at the ends of the earth and at the end of an immense supply chain for the British Forces. The decades that followed saw warfare in the Balkans and Middle East, and counter insurgency operations in Afghanistan; warfare very different from that postured for during the cold war, and exercised in high end air combat exercises.

The Australian Defence White Paper 2016 and the associated Force Structure Review was written to an Office of National Assessment Strategic Environment to 2035 against this paradigm, whilst recognizing impending change. The subsequent rate of change in global security has shocked even pessimistic observers and we face the heightened risk of high intensity, non-permissive air environments non-discretionary wars”.

#### Questions to be addressed at the Seminar

- What will be the impact on the delivery and expectation of 5th Generation systems as the world has changed so dangerously and so rapidly?
- Have hostile forces been watching the development of our 5th generation systems and developed active asymmetry to defeat us?
- Has the combination of our cold-war legacy and participation in irregular wars led us to make decisions that will limit our freedom of movement?
- As we rediscover the concept of denied area (A2AD / beyond FEBA) and need to re-invest in strike capabilities, are there areas of concern?
- [Range / Payload / Escort requirements / requirement to step non fast-air platforms / risk of hypersonic AD systems]
- [Basing options / Life Support / Force Protection / Multi-domain threats]
- Do we need to reconsider air campaigns in the light of Joint Force / Joint Strike options?
- Do our national systems support the requisite battlespace awareness in denied areas to conduct effective targeting and effect generation



# THE SIR RICHARD WILLIAMS FOUNDATION

## Sponsors

The Williams Foundation would like to thank our sponsors





# THE SIR RICHARD WILLIAMS FOUNDATION

## Seminar: The Requirements of High Intensity Warfare

22 March 2018

### DRAFT Program

(current as at 22 January and subject to change)

Time	Topic	Invited speakers	Organisation
<b>0800-0830</b>	Registration		
0830-0835	Welcoming Remarks	AIRMSHL (Retd) Geoff Brown AO	Sir Richard Williams Foundation
0835-0900	"The Task Ahead"	Dr Al Stephens OAM (confirmed)	Sir Richard Williams Foundation
0900-0920	The Strategic Face of Conflict in the 21 <sup>st</sup> Century	Dr Ross Babbage AM (confirmed)	Centre for Strategic and Budgetary Assessments
0920-0945	The Legacy of "Ground Wars" <i>The assumption of a permissive air environment; Irregular Warfare and war amongst the populace; Where deliberate targeting became irrelevant &amp; Joint Fires rule</i>	Rear Adm. Mike Manazir (Rtd) (confirmed)	Former N9 United States Navy
0945-1010	High Intensity Warfare in Europe – Royal Air Force Perspective	ACM Sir Stephen Hillier KCB, CBE, DFC, ADC	Chief of the Air Staff, Royal Air Force
1010-1040	Break–Morning Tea		
1040-1105	The Requirements of High Intensity Warfare – USAF Perspective <i>New Domains; global reach, compression of time, and the decimation of the Commander's 'head room'</i>	GEN David Goldfein	Air Force Chief of Staff United States Air Force
1105-1130	Cross Domain Requirements in High Intensity Warfare <i>New Platforms, New tools and new capabilities to prosecute a High Intensity War</i>	AIRMSHL Leo Davies, AO, CSC	Chief of Air Force Royal Australian Air Force
1130-1155	The challenges involved in creating decision superiority in high intensity operations	MAJGEN Marcus Thompson AM (confirmed)	Deputy Chief Information Warfare, Joint Capabilities Group
1200-1230	Panel Session	Dr Babbage, Dr Stephens, ADM Manazir, ACM Hillier. GEN Goldfein, AIRMSHL Davies, MAJGEN Thompson	
1230-1330	Break–Lunch		
1330-1400	Kinetic, EW & Cyber Targeting Effects in High Intensity Warfare	Dr Carl Rhodes (confirmed)	RAND Project Air Force RAND Corporation
1400-1420	The US Marines and Hi-Intensity Warfare	LTGEN Steven Rudder	Deputy Commandant Marine Aviation United States Marines
1420-1440	Implications of High Intensity Warfare for the Royal Australian Navy	VADM Tim Barrett AO, CSC, RAN (confirmed)	Chief of Navy Royal Australian Navy
1440-1500	Combat Decision-Making in High Intensity Conflict	Mr JD McCreary (confirmed)	Chief of Disruptive Programs Georgia Tech
1500-1530	Shaping a way ahead – the importance of Deterrence	Mr Peter Jennings PSM (confirmed)	Australian Strategic Policy Institute
1530-1600	Panel Session	VADM Barrett, Dr Rhodes, Mr McCreary, Mr Jennings, LTGEN Rudder	
1600-1605	Formal Close	AIRMSHL (Rtd) Geoff Brown AO	Sir Richard Williams Foundation