



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



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Seminar: *The Requirements of High Intensity Warfare*

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Program

(current as at 15 March and subject to change)

Time	Topic	Speakers	Organisation
0800-0830	Registration		
0830-0835	Welcoming Remarks	AIRMSHL Geoff Brown AO (Retd)	Sir Richard Williams Foundation
0835-0900	"The Task Ahead"	Dr Al Stephens OAM	Sir Richard Williams Foundation
0900-0925	The Strategic Face of Conflict in the 21 st Century	Dr Ross Babbage AM	Centre for Strategic and Budgetary Assessments
0925-0950	The Fifth Generation Fight; An Insider's View	Rear Adm. Mike Manazir (Rtd)	VP Navy Systems, Boeing Company; Former N9 United States Navy
0950-1015	Break–Morning Tea		
1015-1040	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
1040-1105	Ensuring air operations in the presence of advanced threats	Dr Carl Rhodes	RAND Australia
1105-1130	Information Warfare: Old & New – Emergent capability in High Intensity Warfare	MAJGEN Marcus Thompson AM	Deputy Chief Information Warfare, Joint Capabilities Group
1130-1200	Panel	Dr Stephens, Dr Babbage, Dr Rhodes, Rear Adm. Mike Manazir, MAJGEN Thompson	
1200-1300	Lunch		
1300-1330	Shaping a way ahead – the importance of Deterrence	Mr Peter Jennings PSM	Australian Strategic Policy Institute
1330-1355	The Requirements of High Intensity Warfare – USAF Perspective	Gen. T.J. O'Shaughnessy	Commander, Pacific Air Forces, United States Air Force
1355-1420	Combat Decision-Making in High Intensity Conflict	Mr JD McCreary	Chief of Disruptive Programs Georgia Tech
1420-1445	Implications of High Intensity Warfare for the Royal Australian Navy	VADM Tim Barrett AO, CSC, RAN	Chief of Navy Royal Australian Navy
1445-1510	The Requirements of High Intensity Warfare – Planning and Mobilisation - Finnish Air Force Perspective	MAJGEN Sampo Eskelinen	Commander, Finnish Air Force, Ilmavoimat Flygvapnet
1510-1540	Panel Session led by AIRMSHL Davies, Chief of Air Force, Royal Australian Air Force.	AIRMSHL Davies, VADM Barrett, Gen O'Shaughnessy, Mr McCreary, MAJGEN Eskelinen, Mr Jennings	
1540-1545	Book Launch	Launched by AIRMSHL Davies, CAF RAAF	
1545-1550	Formal Close	AIRMSHL (Rtd) Geoff Brown AO	Sir Richard Williams Foundation