



Air Warfare Centre Facts

Overview

The AWC exists to deliver timely and relevant advice to the warfighter in response to operational and tactical problems facing the force in being. It is deliberately structured to draw on Subject Matter Experts across all Air Force domains in formulating recommendations. It will actively engage Joint, Allied, ADO and Industry stakeholders to deliver the best possible operational solution. Cross-platform, multi-domain integration is at the heart of the AWC intent and culture. Where obvious solutions do not exist the AWC will harness the broader workforce to deliver innovative alternatives.

Why create an Air Warfare Centre?

The AWC was created at the direction of CAF to address opportunities to improve Air Force's ability to maximise the operational effectiveness of 5th generation, networked capabilities through improved integration across Defence and increased knowledge sharing with allied AWCs.

What is the Air Warfare Centre?

The Air Warfare Centre (AWC) is a Force Element Group within Air Command. The AWC was established on 11 Jan 16, restructuring AOSG while adding a number of critical functions. The AWC will achieve Final Operational Capability in 2020.

What is the relationship between the AWC and Plan Jericho?

The AWC works closely with the Project Jericho team and was the first of the 15 'Programs' announced and implemented under [Plan Jericho's Program of Work](#). The AWC will take ownership of the 'Jericho Dawn' innovation program wef January 2017.

Will people from other FEGs be engaged in AWC tasks?

Yes. In responding to "Requests For Advice" (RFAs) the AWC will establish Integrated Project Teams (IPTs) drawing on those subject matter experts best placed to answer the question. IPTs will not be limited to AWC staff and will seek input from personnel in other FEGs, AFHQ, Army, Navy, DSTG and Industry in order to provide the most comprehensive response possible. Standard C2 arrangements will be respected when reaching outside the AWC.

What constitutes an AWC task and how do I task the organisation?

As a broad guide, the AWC is focussed on resolving issues which impact the integration and operational and tactical performance of the force-in-being including consideration of those capabilities known to be introduced into service in the next three years. All tasking to the AWC should be directed through Integrated Mission Support (email: EDN AWC IMS Tasking) in the first instance and RFA's should be sponsored at the O6 level to ensure resourcing support if required.

What Does it Deliver and What's New?

Integrated TTP development – Focused on the development and maintenance of standardised and integrated Tactics, Techniques and Procedures across Air Command acknowledging tri-service components where applicable.

LVC development, coordination & provision – Design and development of a 'fit for purpose' environment; be it Live, Virtual and/or Constructive, in order to meet current and future test and training requirements.

Operations Analysis – Provision of evidence based assessment and analysis of root cause as it applies to AWC functions including Tactics and Flight Test.

Advanced Air Warfare Training – Development and

delivery of high end post-IET warfighter training with an emphasis on integrated operations.

Integrated Mission Support – Coordination of 'horizontal tasking' across and beyond the AWC in order to ensure comprehensive responses to problems identified in the tactical and operational domains.

Integrated T&E – Combined Developmental and Operational and Test and Evaluation with an emphasis on reduced duplication across the T&E continuum and closer integration between Flight Test specialists and operational squadrons.

Industry Engagement and Support – Deliberate engagement with Industry partners to identify innovative

solutions to rapidly address capability gaps within the force in being.

Operational Doctrine Generation – The development and maintenance of Operational Level Doctrine in support of TTP identified deficiencies or acknowledged gaps in extant doctrine

EXCON (White /Red Force) - Development and coordination of LVC based Exercises in support of integrated tactics development and Air Warfare Instructor (AWI) course delivery.

S&T and R&D Coordination – Coordination of air warfare related, integrated Science and Technology / Research and Development activities at the operational and tactical level.

Innovation and Concept Demonstration – Provision

of the environment and systematic process for the development of innovative solutions in response to identified problems in the tactical/operational space. Coordination of the 'Jericho Dawn' series of innovation based initiatives.

How were these functions determined?

Allied AWC's and their customers were engaged to determine 'best practice.' Considerations of scale, resource constraints and existing RAAF capability drove the selection of a hybrid UK/USAF AWC model as the preferred option. The functional overlap with AOSG made it the obvious candidate to resource the majority of the AWC given many of the functions transferred directly into the new organisation.

How is it Structured?

Integrated Mission Support

Integrated Mission Support (IMS) provides central co-ordination and integration of tasking across the AWC. IMS includes an Innovation Hub which facilitates the IPT process. It is the focal point for bottom up innovation to ensure the AWC can harness the skillset available across Defence's diverse workforce.

IPTs are cross discipline teams formed by people of varying backgrounds, skills and directorates in order to look at problems from all perspectives. This provides a more holistic, integrated and higher quality product to the customer. IPTs can be drawn from one unit or they can span other FEGs, services and even Industry.

Information Warfare Directorate (IWD)

IWD centralises the Air Force's tactical information warfare elements and provides the wider RAAF with an integrated and tailorable information warfare operational capability drawn from the Intelligence, Electronic Warfare and Information Operations fields. IWD enables the coherent development and management of the RAAF's Information Warfare capabilities.

Test and Evaluation Directorate

Test and Evaluation Directorate (T&ED) delivers comprehensive, timely and integrated Test & Evaluation through a flight test squadron and a unique engineering/manufacturing capability. T&ED provides support and advice throughout a weapon system life-cycle including

preview testing (risk reduction to inform acquisition), developmental, acceptance and operational T&E. It enables the warfighter through the provision of specialist medical advice, research and training and aeronautical information service.

Air Force Ranges Directorate

As part of Plan Jericho the Air Force Ranges Directorate (AFRD) will improve the way Air Force conducts Live, Virtual and Constructive simulation with other elements of Defence and our coalition partners in order to deliver more effective warfighters. AFRD will enhance the way Air Force tests war material and trains the warfighter. It will standardise all range requirements to deliver a more realistic and practical testing environment.

Tactics and Training Directorate

The Tactics and Training Directorate (T&TD) is located at RAAF Base Williamstown tasked with the development of multi-discipline, high-end integrated tactics and training across the Air Force through a combination of training, education and integrated exercises. T&TD will transform the way we think about and teach air warfare. It will also conduct operational analysis to inform integrated tactics analysis to better enhance warfighter effects.