

Enhancing Joint Personnel Recovery

The study provides an analysis of the NATO JPR Policy and Doctrine shortfalls, provides recommendations to overcome those deficiencies, and build an appropriate E&T environment. The project's key stakeholder is JFCB. The JAPCC hosted and chaired the first NATO JPR Forum 19–21 August 2014.

Remotely Piloted Aircraft Systems in Contested Environments

The study provides a detailed assessment of current RPAS components' limitations and vulnerabilities, addressing operational, technical, and legal questions. It was delivered to the 'Joint Capability Group on Unmanned Aircraft Systems' (JCGUAS) at NATO HQ for action.

Air-to-Air Refuelling Consolidation

An update to the 2010 JAPCC Air-to-Air Refuelling (AAR) Consolidation Study, this project updates NATO AAR capabilities and provides 8 actionable recommendations which ensure AAR's availability to enable future NATO combat operations.

ONGOING STUDIES

Multinational Joint Intelligence, Surveillance and Reconnaissance Unit

The project intends to deliver a recommendation regarding the feasibility of creating a NATO Multinational Joint Intelligence, Surveillance and Reconnaissance Unit (MJISRU), including a possible structure, regional basing opportunities and options for integrating the MJISRU into the NATO command structure.

Disinformation Campaigns Against Air Power

This study will examine a serious challenge facing Western Air Power – disinformation campaigns carried out against NATO and coalition forces which attempt to discredit the use of NATO Air Power. Several case studies are being developed to examine whether NATO and Western strategic communication has succeeded or NATO has allowed the enemy to have the information advantage.

Standardization of Qualifications for NATO Helicopter Crews in Support of Land Operations

The objective of this project is to provide a baseline of minimum training requirements for individual member states to enhance their national training environment and related equipment. It is intended to serve as a baseline document for the development of ATP-90.

Military Implications of the Single European Sky Initiative

The Single European Sky (SES) is not directly applicable to the military, as defence and security are activities that remain the sole responsibility of the State. However, as European transport policy directly affects the organization of airspace, which is used by all, civil and military, the SES has a direct impact on the military and its access to airspace. Our SES analysis phase was successfully completed and the key findings were presented at the European Air Chiefs Conference (EURAC), 5 September 2014. The full report will be delivered to them by the end of 2014.

FOCUS AREAS 2014/2015

- Joint Air Power Development
- Doctrine, Standards, and Procedures
- Education/Training and Exercises/Evaluation
- Missile Defence
- Space Support to NATO Operations
- Active Engagement

All JAPCC publications are available to download from our website www.japcc.org.



Joint Air Power
Competence Centre

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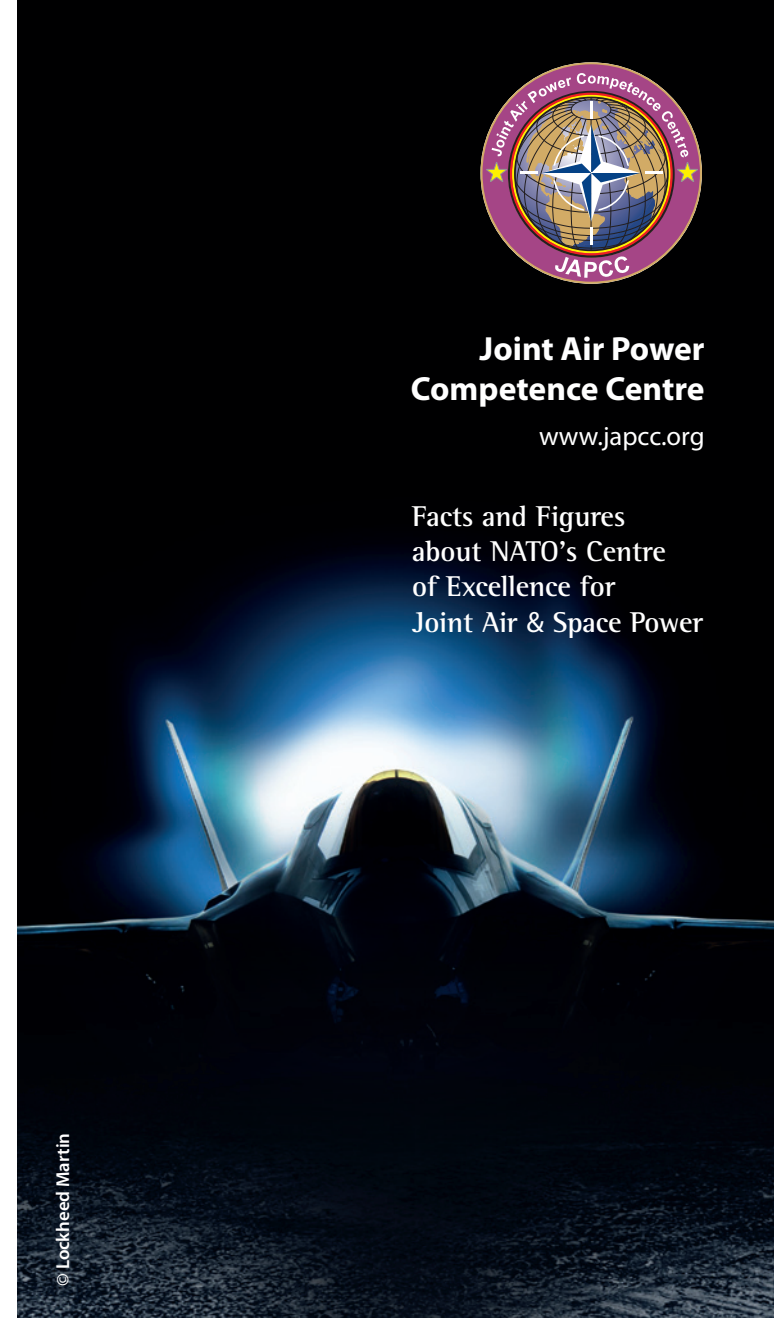
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Facts and Figures
about NATO's Centre
of Excellence for
Joint Air & Space Power



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JAPCC FAST FACTS

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JAPCC VISION

Be NATO’s catalyst for the improvement and transformation of Joint Air and Space Power; delivering effective solutions through independent thought and analysis.

JAPCC MISSION

The JAPCC, as a team of multinational experts, is to provide key decision-makers effective solutions on Air and Space Power challenges, in order to safeguard NATO and the Nations’ interests.

WHY WAS THE JOINT AIR POWER COMPETENCE CENTRE FORMED?

The Joint Air Power Competence Centre (JAPCC) was formed on 1 January 2005 to provide a strategic level proponent for Joint Air and Space (A&S) Power that was missing in NATO. Soon thereafter JAPCC was accredited as NATO’s first Centre of Excellence (CoE) and, as such, is charged with the development of innovative concepts and solutions required for the transformation of A&S Power within the Alliance and the Nations.

WHAT’S THE ORGANIZATION OF THE JAPCC?

Based on a Memorandum of Understanding (MoU), the JAPCC is sponsored by 16 NATO nations who provide a variety of experienced Subject Matter Experts (SME) that come from all three services. Through its multi-discipline organization, the JAPCC chooses the most suitable SMEs for the task and combines their knowledge and experience to fully contribute to transforming NATO’s A&S Power. More importantly, since the JAPCC is not constrained by the need for full consensus or by political expediency, it can offer the best military advice across the spectrum of A&S Power to NATO HQs and national policy making bodies.

WHAT CAN THE JAPCC DO FOR YOU?

Our primary customers remain NATO Headquarters (Allied Command Operations, Allied Command Transformation, NATO Joint Commands and Air Command) and sponsoring nations. However, the JAPCC does accept Requests for Support (RFS) from other sources via our RFS form, which can be accessed through the JAPCC website. With numerous successful products and ever increasing connections with industry and academia, the JAPCC continues to build upon its hard-earned reputation as NATO’s pre-eminent advocate for the development and enhancement of Joint A&S Power.

GUIDING PRINCIPLES

- Contribute A&S expertise to Alliance decision-making processes through active leadership of and participation in NATO committees, Working Groups and fora
- Promote and showcase the effectiveness and relevance of A&S Power as the critical elements in Air, Land and Maritime operations
- Partner with relevant NATO entities and nations to promote and synchronize output and products

HOW DOES THE JAPCC ACCOMPLISH ITS MISSION?

A&S Power SMEs, drawn from the Land, Maritime and Air components of the 16 MoU nations, conduct collaborative research into areas in which JAPCC assistance is requested by leveraging their independent thought and a global network of experts that reach across the military, academic and industrial spheres. The resulting analysis and solutions are disseminated via studies, reports, journal articles, seminars, panels and conferences.

RECURRING PROJECTS

Annual Conference

The JAPCC Conference attracts senior representatives from the military (with attendance of nearly 200 flag officers in the last three years), industry and academia. The next JAPCC Conference will be held on 17–19 November 2015.

JAPCC Journal

The Journal of the JAPCC is our flagship publication reflecting key A&S topics. Deliberately considering busy readers, the Journal publishes pertinent, short 1500-word articles from contributors across the Joint A&S Power community. The Journal (e-version) is available on the JAPCC website at www.japcc.org.

RECENTLY PUBLISHED STUDIES AND REPORTS

Air Power in NATO – Future Vector

The study provides comprehensive recommendations to ensure Air Power continues to be a key enabler for the security and success of NATO and resolve the paradox in NATO which is: Air Power is an indispensable strategic tool; yet, investment is diminishing. The final products are two compendia of 8 essays each: Part One: POL-MIL/ Strategic essays, published 14 July 2014; Part Two: Operationally focused essays, published 14 October 2014. The essays contained 80+ key messages and recommendations.

NATO Air Advisors

This project provides an assessment of the current capabilities within NATO to support the air advisor mission and identify the essential actions and requirements to guide NATO in optimizing support for this mission. The key stakeholder was NTMA.