

# CRAIG C. PORTERFIELD

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## PROFILE

A highly respected member of the Electronic Warfare (EW), Joint Electromagnetic Spectrum Operations (JEMSO), Intelligence, Surveillance and Reconnaissance (ISR) and Signals Intelligence (SIGINT) community, with operational and staff experience at the tactical, operational and strategic levels of war. Specialized expertise in: Electromagnetic Spectrum Operations; Directed Energy Employment; EW, SIGINT and Cyberspace Operations authorities and relationships; and Joint Staff action officer processes and procedures.

Experienced in: JCIDS requirements analysis and documentation preparation; Joint Staff Action Process; Doctrine, Policy and Directive development; cross-discipline team building; operational planning and execution; and problem solving.

## PROFESSIONAL EXPERIENCE

Sep 2012 – Present

Dynamic Analytics and Test, Inc. – Senior Military Operations Analyst/Project Lead

- Joint Staff J39 EW Branch Subject Matter Expert
  - Joint Concept – Electromagnetic Spectrum Operations and Implementation Plan development/execution
  - EW/SIGINT/Cyberspace policy and authorities and operational support requirements
  - The Chairman's Directed Energy Initial Operational Employment requirements process
  - Intelligence and collection tasking and requirements process
- Developed JCIDS requirements, traceability analysis and documentation for the US Marine Corp Software Reprogrammable Payload (SRP), the core component for future US Marine Corps EW family of system program
- Co-authored *Future Capabilities and Analytic Roadmap to Achieve EW Battle Management* for Naval Surface Warfare Center – Crane – requirements to meet CNO directed Electromagnetic Maneuver Warfare concept
- Developed Functional Capabilities Assessment for US Navy Airborne Electronic Attack Expendable program
- Project Lead – Joint Improvised Explosive Device Defeat Organization (JIEDDO)
  - Developed recommendations and policy guidance in anticipation JIEDDO's restructure and integration into standing DOD acquisition, EW and Directed Energy processes

1991 –2011 – US Air Force Officer

Chief of Electronic Warfare, NSA – Associate Deputy Director for TechSIGINT and Electronic Warfare (ADD/TSE)

- Principle Advisor to the ADD/TSE for EW and military ISR/SIGINT capabilities, doctrine, directives and policies
- Led and developed support activities for USD(I) – Non Traditional ISR Deep Dive, OSD/ATL- EW Technology Task Force, ASD/NII - NAVWAR Implementation analysis, NSA Policy FMS EW System Certification Program
- Led activities providing EW requirements and support within the NSA for all-service EW labs and operations

Chief of Navigation Warfare and Staff Officer, NSA - National Tactical Integration Office

- Authored program development proposals, presentations and program execution plans: program funds secured
- Developed, coordinated and executed tests, trials and exercises in support of the DoD Navigation Warfare program
- Directed the execution of national intelligence funds, enabling the integration of national/tactical SIGINT and EW

RC-135 RIVET JOINT Weapons Officer

- Planned and employed large force operations, synchronizing force application and intelligence/EW support tasking

## SECURITY CLEARANCE

Top Secret (SCI eligible) Five Year Periodic Reinvestigation – 2014

## EDUCATION

Masters of Science in Military Operational Art and Science

- Air Command and Staff College, Air University, Maxwell Air Force Base, AL – Dec 2006

Bachelor of Arts in Political Science

- Pennsylvania State University, State College, PA – Aug 1990

## CERTIFICATIONS

Joint Qualified Officer (JQO) - Joint Forces Staff College, Joint/Combined Warfighting School, Norfolk, VA – Jun 2007

Weapons Officer, RC-135 RIVET JOINT - United States Air Force Weapons School, Nellis Air Force Base, NV – Dec 2000