

Updated: April 11, 2002

David Eloyde Powell Jr.

EDUCATION

BSEE, Auburn University, 1962
MSBA, University of Alabama, 1978

CLEARANCE

TS/SCI, 1966 (5yr Update, 2001)

EXPERIENCE OVERVIEW

Over thirty years experience in tri-Service program management, scientific, technical and general military intelligence, senior intelligence liaison officer, and contract performance management. Have developed extensive knowledge of DoD intelligence Community requirements, production, policies, and procedures. As a DIA Senior Intelligence Officer, provided direct intelligence support to JCS, US Unified Commands, and Director, Operational Test and Evaluation. This included program management and Chairing tri-Service Committees charged with improving operational intelligence and test-evaluation support to the Unified Commands. Over thirty years of signal, air defense, and engineer military experience at both staff and command positions. Possesses Bachelor of Science Degree in Electrical Engineering and Masters Degree in Business Administration.

EMPLOYMENT HISTORY

2002 – Present, Homeland Protection Institute, Director of Operations

Responsible for the development and operational procedures for the Homeland Protection Institute. Duties include (a) system analysis, risk analysis and application of simulations and modeling to determine methods for evaluating the vulnerabilities of National, State, and local infrastructures and the effectiveness of the systems to reduce those vulnerabilities, (b) assisting Federal, State, and local agencies and other public entities in establishing regional operational test beds to evaluate the effectiveness of technologies and systems available or under development and to assess the effectiveness of such technologies, (c) develop education and training programs for wide dissemination of research results, and (d) design and support the conduct of homeland security related operational management level exercises and simulations.

1999 - 2002 DIA/J2 US Joint Forces Command Norfolk, VA, Production Manager

Conceived, developed, and executed a program providing on-site national level intelligence support to US Joint Forces Command (USJFCOM), Joint Experimentation (JE). Responsible for coordination and futures intelligence

production, integration of general military and scientific and technical, among DIA, NSA, NRO, CIA, intelligence production centers, Unified Command J2s, and supporting theater Joint Intelligence Commands. The predominant focus was joint operations consisting of missile, air, land, surface, sub-surface, and space warfare. Responsibilities also include the planning and execution of open-air assessments using highly instrumented blue (operational community) and red forces (intelligence community), in force-on-force scenarios, to measure those parametric that will either prove or disprove pivotal issues that J9 had identified as critical to a given operational concept. Results were used to improve experimentation simulations adding realism and repeatability.

1995 – 1999, Defense Intelligence Agency/Director Operational Test and Evaluation, Redstone Arsenal, AL, Senior Intelligence Officer/Program Manager

Direct support to the Director, Operational Test and Evaluation (DOT&E) as the Operational Field Assessment (OFA) program manager. Conceived, developed and executed a program that addressed near real-time critical operational issues identified by the Unified Command commanders (CINCs) as well as the Joint Staff. The program's objective was to quickly assess these issues providing non-technical solutions at the operational and tactical level – changes in doctrine, tactics, techniques or procedures. This was accomplished through the conduct of thirty open-air field assessments using highly instrumented blue and red forces to rigorous operational testing standards. Program success was largely due to the development of a collaborative environment consisting of the testing (DOT&E and the Service testing agencies), intelligence (DIA, NSA, and NRO), and operational communities (CINCs and Joint Staff). This was established by memorandum of agreement and codification of joint procedures and processes. Technical disciplines included air defense (IADS, autonomous, indigenous modifications, and disparate configurations); ballistic missiles; command, control, communications, and intelligence (C3I); intelligence, surveillance and reconnaissance (ISR); and, targeting.

1989 - 1995 Missile and Space Intelligence Center, Redstone Arsenal, AL, Senior Intelligence Officer/Program Manager

Direct support to the Director, Operational Test and Evaluation (DOT&E) as the manager of the DOT&E (DoD-wide) Operational Test and Evaluation Resource Enhancement Program (REP). Provided realistic threat testing assets to rectify short term operational testing shortfalls associated with Category I/II acquisition programs. In the capacity of program manager, served as the chairman of the tri-Service Operational Test and Evaluation Coordinating Committee (OTECC) consisting of the Service testing representatives, the Deputy Director for Research and Engineering (DDR&E), and the Ballistic Missile Defense Office (BMDO). Responsible for the development, justification, defense, and execution of a \$40 million DoD T&E program. Functions included the coordination of all source intelligence analysis and acquisition program threat and testing documentation; formulation of project design, cost, and schedule data; development of project and

program management plans; coordination and program approval at the Service Secretary and OSD level; and, justification at the Congressional level.

1985 – 1989, Missile and Space Intelligence Center, Redstone Arsenal, AL, Scientific and Engineering Advisor to the Director

Responsible for quality review of all MSIC intelligence production and review of the agency's external assistance programs. Developed and implemented policies to assure consistently high quality scientific and technical intelligence publications. Established technical requirements for intelligence reports and served as the final technical review. Directed special projects and studies chartered to examine unique issues resulting in the development of new or revised technical methods and techniques. Responsible for threat, air defense doctrine/tactics, and C3 intelligence coordination while participating in the Army Material Command Exchange Program (AMCEP) with the Program Executive Office (PEO) for Forward Army Air Defense System.

1975 – 1985, Missile and Space Intelligence Center, Redstone Arsenal, AL, Hardware Directorate Chief

Responsible for planning, direction, supervision, and review of four subordinate functional activities involved in the design through production of replica foreign strategic and tactical threat systems in support of DoD developmental and operational test and evaluation. Provided highly specialized scientific and technical intelligence analysis and assessments serving as the basis for key DoD and Army publications, studies, threat hardware designs, and test plan development in support of aircraft/crew survivability and effectiveness testing. Provided technical management and intelligence interface for the Army's Development and Acquisition of Threat Simulators program (ADATS), and chaired the DoD chartered Tri-Service CROSSBOW-S Committee. ADATS technical management required the application of intelligence analysis, assessment, and production beyond traditional research and development. Served as the DoD focal point in coordination of the latest intelligence estimates in support of doctrine and tactics development. Responsible for OSD oversight of tri-Service development, procurement, and fielding of threat simulators in support of test and evaluation. Prepared the Tri-Service Integrated Program Plan on Threat Systems that provided technical staff support to OSD in the development of Defense Guidance, the Program Objective Memorandum (POM), and elements of the Intelligence and Intelligence-Related Activities Congressional Justification Book. Maintained close and continuous coordination with national intelligence agencies (DIA, NSA, CIA) and provided direct intelligence support to the Services, Unified Commands, and OSD agencies.

1964 – 1975, Missile and Space Intelligence Center, Redstone Arsenal, AL, Team Leader

Directed a group of engineers and scientists in the resolution of critical, high priority issues assigned by the Director, MIA. Areas included the anti-ballistic missile system, strategic and tactical air defense missile systems, tactical ballistic

missile systems, anti-tank guided missile systems, air-to-surface missiles, C3 networks, and directed energy technologies. Foreign weapon system performance parametric were defined through iterative and integrated assessments of multiple technical data sources resulting in published technical reports with applicability at all levels of DoD.

1964 – 1992, U.S. Corps of Engineers, Army National Guard, Montgomery, AL, Engineer Company, Battalion, and Group/Brigade Commander

Served as Engineer Company Commander, Battalion Commander, and Group/Brigade Commander. The number of personnel for which I provided leadership numbered 45 in the Signal Detachment to 2,830 in the Engineer Group. Participated in several major combined arms training and exercises. Provided field experience enabling an in-depth understanding of military operations, doctrine, tactics, techniques, and procedures to include equipment shortfalls.

1962 – 1964, U.S. Army Signal Corps, Ft. Bliss, TX, Detachment Commander

Responsible for the automatic fire distribution system operation and maintenance for a HAWK Air Defense Battalion. Provided automatic C3 within the Battalion and up to an Air Defense Group. Supervised the technical upgrade and field modifications during operational testing, acceptance, and initial fielding.

COMPUTER EXPERIENCE

Software:

Microsoft Word 6.0, Excel, PowerPoint, Netscape, GroupWise Email

Hardware:

IBM PC

PUBLICATIONS

None

PROFESSIONAL AFFILIATIONS

ITEA, IEEE

HONORS AND AWARDS

1994 Legion Of Merit Medal
1998 Exceptional Service Award
1999 Distinguished Service Award
1999 DIA Director's Award

BUZZWORDS

ADATS	Army's Development and Acquisition of Threat Simulators
AMCEP	Army Material Command Exchange Program
BMDO	Ballistic Missile Defense Office
C3I	Command, Control, Communications, and Intelligence
CIA	Central Intelligence Agency
CINC	Commander in Chief
DDR&E	Deputy Director for Research and Engineering
DIA	Defense Intelligence Agency
DoD	Department of Defense
DOT&E	Director, Operational Test and Evaluation
IAVA	Initial Adversary Vulnerability Assessments
IPB	Intelligence Preparation of Battle Space
JCS	Joint Coordination Staff
JE	Joint Experimentation
MIA	Missile Intelligence Agency
MSIC	Missile and Space Intelligence Center
NSA	National Security Agency
NRO	National Reconnaissance Office
OTECC	Operational Test and Evaluation Coordinating Committee
PEO	Program Executive Office
POM	Program Objective Memorandum (POM)
QDV	Qualitative Data Verification
REP	Resource Enhancement Program
T&E	Test and Evaluation
USJFCOM	United States Joint Forces Command