
Test Engineering/Analysis ~ System Analysis ~ Design & Development

Dynamic executive with demonstrated expertise in analysis, design, development, material test, execution and support of complex DoD systems. **29+ years proven excellence in Joint Service** test environments, providing management and leadership for troubleshooting and resolutions, technical requirement interpretations, life cycle project management and technical guidance. Deft in systems test planning, testing support, test report development, test training, security and planning of pre and post test requirements. Organizing T&E WIPT goals, objectives and implementation. Conventional IED threat weapons subject matter expert. Current Secret/Sensitive Compartmented Information (S/SCI) clearance. Senior Pilot of Fixed and Rotary aircraft. Proven Project & People Management skills, proficient in managing widely-divergent, simultaneously occurring projects within agreed cost/time lines, by using strong organizational skills, out-of-the-box thinking, and innovative problem solving abilities.

PROFESSIONAL VALUE OFFERED

System Analysis	Test Engineering	Design/Development	Budgeting/MIS	War-Fighter Analysis
Airborne Systems	Military Analysis	Technical/Quality Support	Test Planning	Research/Development
Test Automation	UAV Evaluation	Resource Optimization	Leadership	Project Management

PERFORMANCE MILESTONES

- ★ Recognised as Master Aviator, Attack helicopter pilot, Helicopter instructor Pilot and Aviation Maintenance Officer.
 - ★ Having credential of demonstrating the ACABUG model (a four nation coordinated effort) to Berlin for a MOUT (Military Operations in Urban Terrain) functional test.
 - ★ Credited for managing weapon systems and test engineering support for the THEL/MTHEL (Laser) program.
 - ★ Distinction of writing and presenting several White Papers which improve business or technical company goals and capabilities.
 - ★ Nominated as "Advisor" in all aviation related studies including the (LHX) Light Helicopter Experimental and the Combined Arms in a Nuclear and Chemical Environment studies (CANE).
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CAREER PROGRESSION

Senior Test Engineer, Joint Test Board, Joint Improvised Explosive Device Defeat Organization, SAIC, Alexandria, Virginia, Since 2010 (current position)

- Reviewing and analyzing new and (COTS) current off the shelf technologies to defeat the IED threat.
- Part of a team of engineers that travel to test sites and developer's locations to evaluate emerging technologies.
- Coordinate with other DoD agencies on JIEDDO issues.

Senior Test Engineer, Future Combat Systems, SAIC; White Sands Missile Range, New Mexico, Since 2006

- Coordinated FCS Spinout activities to facilitate early release of new technology systems to theater.
- Pioneer in providing SME guidance for test facilities operations for EUT, LUT and for TFT SPIN OUT iterations.
- Interfacing & coordinating Engineering Change Proposal (ECP) activities and information.
- Group Member of HPM (High Power Microwave) surrogate material testing team for developing a data base characterizing surrogate test materials for IED testing.
- Performed quality and consistency tests throughout phase development cycles.
- Wrote and executed test plan directives and test cases and wrote defect reports.
- Evaluation of UAV capabilities and effectiveness.

War-fighter Analyst/Senior Engineer, Fiore Industries, Inc White Sands Missile Range, 2006

- Supported the Center for Countermeasures at White Sands Missile Range for War fighter, precision guided ammunitions and directed energy engineering.
- Conceived and implemented improved testing procedures significantly streamlining processes.

- Master Weapons – Technician/Sr. Engineer**, Sparta, Inc. White Sands Missile Range, New Mexico, 2004 to 2006
- Led & guided the team in operating ballistic Threat Weapon Systems, conducted preliminary tests for operational readiness, maintenance, safety and storage of all weapons systems.
 - Controlled and monitored systems employment, directly coordinating receipt, handling, fusing, and loading of conventional of US and foreign munitions and explosives.
 - Provide design engineering and custom solutions, interacted with cross-functional personnel to complete diverse projects according to mandates.
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Director of Airborne Systems Division, Vertol Systems Company, Inc, 2002 to 2004

- Credited as the company ITARS SME as well as the “empowered official” for the company.
- Closely monitored the procurement of the international aircraft fleet and guided their missions.
- Collaborated with management on proposals, annual reports, and policies and procedure manuals.
- Proactively contributed to all team efforts, ensuring project completion and quality products and results.
- Introduced the concept of MIS reporting to update the Management on regular basis.
- Managed a team of professionals and mentored them to achieve highest efficiency levels.
- Designed and implemented new team member recruitment and retention strategy.

Systems Analyst: Field Test Supervisor/Engineer, RAM, Inc., El Paso, Texas, 1992 to 2002

- Responsible for processing, analyzing, and evaluating intelligence data concerning fielded and postulated threat air defense, aviation, command control, communications systems and operations.
- Guided threat helicopter tactics with defensive and offensive solutions.
- Operated threat airplanes and helicopters such as the Mi-8, Mi-24, and An-2 as required.
- Effectively designed, developed, implemented, and maintained various on-line information systems and applications effecting decision support.
- Studied existing systems & processes and conducted gap analysis to recommend befitting solutions within available budgetary resources.
- Organized various training sessions for the team to enhance their performance.
- Assisted in the designing, planning, development, installation, operations and implementation of field solutions.

Senior Systems Analyst/Engineer, RAM, Inc., El Paso, Texas, 1990 to 1992

Senior Systems Analyst/Manager, RAM, Inc., Las Cruces, New Mexico, 1986 to 1990

Sr. Systems Analyst/Branch Chief, United States Army, White Sands Missile Range, New Mexico, 1984 to 1986

Asst. Branch Chief/Sr. Military Analyst, U.S. Army, White Sands Missile Range, New Mexico, 1981 to 1984

- Responsible for conducting air defense and combined arms force-on-force simulation analyses using the CASTFOREM model.
 - Earned rich experience in exercising several computer models including JANUS, Battle, and ACABUG.
 - Coordinated projects and manpower for three combat simulation models i.e. BATTLE, ACABUG and Janus.
 - Conducted tactical simulation for the Forward Area Directed Energy (Laser) Weapons Study (FADEWS).
 - Identified and collected user requirements, defined business process for system configuration, and programmed modifications.
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EDUCATION

- AS, Aeronautical Studies Embry Riddle Aeronautical University, 1976
- BS, Aeronautical Studies Embry Riddle Aeronautical University, 1976

TRAINING

- US Army Rotary Wing Flight School
- US Army Instrument Examiners Course
- US Army Aviation Maintenance Officers School
- Armor Officers Career path standard courses

MEMBERSHIP

- Dona Ana County Airport Advisory Board
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