

WHO WE ARE

With over 20 years of experience, Pacific Aerospace Consulting (PAC) is a Service-Disabled Veteran Owned Small Business (SDVOSB) focusing on delivering mission-critical technical solutions at the intersection of defense modernization and allied interoperability. We enable customer and partner success through niche technical and operational skills, a strategically located and expert workforce, and a focus on rapid, scalable execution that translates emerging capabilities into operationally relevant outcomes for joint and coalition warfighters.

WHAT WE DO

INTEGRATED TRAINING SOLUTIONS

- Support development of and deliver operator-centric Live, Virtual, and Constructive (LVC) training across individual, unit, joint, and coalition environments to enhance readiness and mission effectiveness.
- Provide experienced operators and subject matter experts to plan, execute, and support advanced synthetic training, large-scale exercises, and realistic threat replication.
- Support the full training lifecycle, including simulator evaluation, system qualification, test and evaluation of training systems, and courseware development.
- Deploy global fly-away and Train-the-Trainer teams to enable Large Force Exercises (LFEs), organic training capacity, and long-term sustainment.

SYSTEMS ENGINEERING & SUSTAINMENT SERVICES

- Provide end-to-end systems engineering and sustainment support across the full lifecycle, from concept development and acquisition through certification, fielding, and long-term sustainment.
- Deliver SETA, acquisition strategy, program management, and mission assurance services to align cost, schedule, performance, and risk.
- Perform structural, mechanical, avionics, and electronic systems engineering, including integration, ground test, and flight test support.
- Support domestic and international programs with sustainment planning, I-level maintenance development, certification, and International Security Cooperation (FMS, DCS, ITAR, AUKUS).

MISSION SYSTEM SUPPORT

- Provide comprehensive acquisition, sustainment, and upgrade support for complex mission systems across multiple platforms and mission sets.
- Deliver specialized Electronic Warfare expertise, including AN/ALQ-99 support for U.S. and allied customers.
- Support information assurance, cybersecurity, airworthiness, and accreditation for new and in-service operational systems.
- Maintain and upgrade mission planning and airborne software systems, including JMPS and EKB, to ensure interoperability and mission readiness.

RESEARCH & CAPABILITIES DEVELOPMENT

- Apply operational, engineering, and training expertise to mature emerging technologies into operationally relevant, fieldable capabilities.
- Bridge research and operations through rapid prototyping, iterative development, and mission-informed capability maturation.
- Leverage OTAs and relevant consortia to enable agile acquisition, rapid experimentation, and early operational assessment.
- Execute collaborative development with industry and non-traditional partners to accelerate transition to programs of record or operational use.

