

ACQUISITION LOGISTICS ENGINEERING

Capabilities Statement

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Acquisition Logistics Engineering, ALE, is a full service Life Cycle Engineering company specializing in reducing total ownership cost and increasing availability of complex systems and equipment. We work closely with our customers to combine their technical expertise in system design with our in-depth understanding of issues associated with system operation and sustainment. This approach enhances reliability, maintainability, and safety, while at the same time reducing maintenance burdens and developing the logistic support capability needed for system success.

PERSONNEL:

For over 30 years, ALE's qualified team of engineers, technicians, and operators have provided a full range of technical, managerial, analytical, and logistical solutions for a wide range of customers. ALE's team includes former members from each branch of service with expertise in aviation, ships, land vehicles, radar and communication systems.

CORE COMPETENCIES:

ALE adds value to our customers' products through the application of established systems engineering principles and a full range of specialty engineering techniques. We offer a wide variety of products and services including:

- Program Management and Proposal Support
- Life Cycle Cost (LCC) Analysis
- Reliability Centered Maintenance (RCM) Analysis
- Product Support Analysis (PSA)/Logistics Product Data (LPD)
- Failure Mode, Effects, and Criticality Analysis (FMECA)
- Maintenance & Sustainment Planning (LORA)
- System Safety and Human Factors Analysis
- Provisioning/Supply Support
- Technical Manuals/Training

OUR CUSTOMERS:

ALE customers include both commercial and government prime contractors that support all branches of the DoD and DHS. This includes:

- GE Aviation
- Northrup Grumman
- Rolls-Royce Naval Marine
- Bollinger Shipyards
- Parker Hannafin
- Triumph Systems
- Federal Reserve Bank
- L-3
- Booz Allen Hamilton
- Meggitt
- DRS
- Engility
- SAIC
- Battelle

COMPANY DATA:

Company Status: Woman-Owned Small Business
SeaPort-e Prime Contractor
ISO 9001:2015 Certified
NIST SP 800-171 Compliant
Accounting System is DCAA Approved

Cage Code: 1Z220
DUNS: 16-125-2218
NAICS: 541330, 541614, 541715
Founded in 1984

CONTACT INFORMATION:

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RECENT PAST PERFORMANCE:

ALE has improved customer satisfaction and provided timely decision support to program managers on government and industry programs in areas such as:

- PSA program development and implementation for early phase US Army turbine engine program
- System level reliability analysis for Navy ships and USCG NSC, FRC, and OPC programs
- Software Failure Mode, Effects, and Criticality Analysis (FMECA) for satellite ground control
- Life Cycle Cost Reduction for a large Navy ship
- Design Trade Study for Navy ship
- Maintenance planning for USMC G/ATOR ground-based radar program
- Logistics Support Analysis (LSA) and documentation for an airborne electronic countermeasure system
- Reliability Centered Maintenance (RCM) analysis for multiple Navy ship and USCG cutter programs
- Sustainment Planning and Maintenance Task Analysis (MTA) for a USMC helicopter upgrade
- Safety and human factors analysis for USCG FRC and OPC
- Level of Repair Analysis (LORA) and Maintenance Planning for US Army fire control systems
- Reliability analysis and FMECA for aircraft braking and fuel systems
- Full proposal development for airport runway lighting system
- FMECA and RCM for USCG Rescue 21 large scale emergency radio communication system

"Making Systems Affordable & Sustainable"

