

# 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:

ALE's qualified team of engineers, technicians, and operators have more than 30 years of experience providing a full range of technical, managerial, analytical, and logistical solutions for a wide range of customers.

### 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 Cost Avoidance
- Integrated Logistics Support (ILS) and Product Support Services
- Maintenance and Supportability Analysis (LSA/LMI)
- Sustainment Planning
- Life Cycle Cost (LCC) Analysis
- System Safety and Human Factors Analysis
- Reliability Engineering
- Program Management and Proposal Support
- Provisioning/Supply Support

### DIFFERENTIATORS:

ALE has developed innovative tools and techniques that allow us to be successful in the following specialties:

- Integration of activities across the logistics spectrum to reduce program cost
- Early and traditional phases of logistics analysis (Front End Analysis)
- Systems analysis orientation
- Product improvements through logistics analysis
- Effective and efficient team composition
- Performance Based Logistics and Supportability
- Process and tool/model tailoring
- Training workshops with customer-specific exercises

### CONTACT INFORMATION:

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### PAST PERFORMANCE:

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

- System level reliability analysis for Navy ships and USCG cutters
- Software Failure Mode, Effects, and Criticality Analysis (FMECA) for satellite ground control
- Life Cycle Cost Reduction for a large Navy ship and an elementary school facility
- Maintenance planning for a ground-based radar program system
- Logistics Support Analysis (LSA) for an airborne electronic countermeasure system
- Reliability Centered Maintenance (RCM) analysis for Navy ships and USCG cutters
- Sustainment Planning and Maintenance Task Analysis for a USMC helicopter upgrade
- Safety and human factors analysis for USCG cutters
- Level of Repair Analysis (LORA) and Maintenance Planning for fire control systems
- FMECA and safety analysis for an aircraft fuel system
- Reliability analysis and FMECA for an aircraft braking system
- Proposal development for airport runway lighting

### COMPANY DATA:

Company Status: Woman-Owned Small Business,  
SeaPort-e Prime Contractor  
Cage Code: 1Z220  
DUNS: 16-125-2218  
NAICS: 541330  
Founded in 1984

**"OUR MISSION IS YOUR SUCCESS"**