

DEFENSE LOGISTICS AGENCY

THE NATION'S COMBAT LOGISTICS SUPPORT AGENCY











Aircraft Launch and Recovery Equipment (ALRE)

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Agenda



- ALRE Overview
- ALRE Key Aspects
 - -Critical Safety Items and Critical Application Items
 - -Common Contract Data Requirements Lists (CDRLs)
 - -Common Manufacturing And Inspection Processes
- Source Approval Request (SAR) Process
- Q/A



ALRE Overview



Purpose & Goal

This briefing is to equip vendors with information peculiar to ALRE items and the contractual obligations required by the government to substantiate the quality of the items.

The end goal is increase the supplier base for ALRE items by providing potential vendors with enough insight into the process to confidently quote, manufacture and deliver.

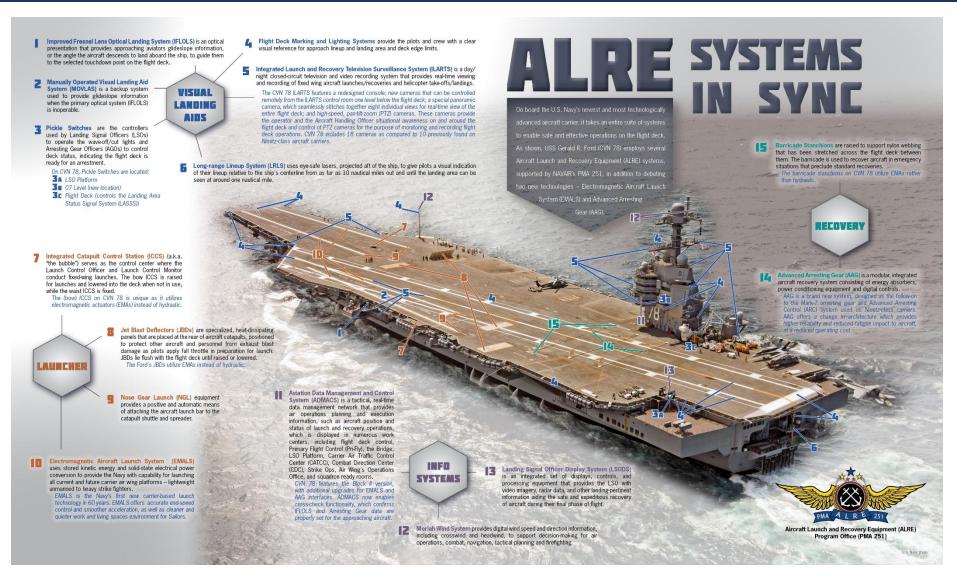
Aircraft Launch and Recovery Equipment

The highly critical ALRE program includes catapult launch and arrested landing system equipment that launches aircraft from an aircraft carrier or air capable ship, guides the aircraft back to the ship or expeditionary airfields and recovers them safely. The DLA ALRE population of stock numbers includes several hundred Critical Safety (CSI) and Critical Application Items (CAI) essential to system performance and operation, the preservation of life and the safety of operational personnel.



ALRE Overview







Unique ALRE Requirements



- CSI & CAI Requirements can include but are not limited to the following:

- First Article Testing/Production Lot Testing.
- Extensive Quality & Inspection Requirements/ Source Inspection.
- Higher Level Requirements with NAVY Oversight/NAVAIR/DCMA Joint Inspections.
- Platings and finishes such as cadmium and anodizing.
- Metal pre-treatments and coatings such as alodine and epoxies.
- Hydrostatic testing, Heat-treatment and hardness testing.

- Diminishing and Overburden Sources of Manufacturing

- A significant impediment to the ALRE mission is the limited and overburdened manufacturing base, leading to critical backorder situations and increased potential of disruption to mission.
- Raw material shortages and fewer qualified suppliers with adequate capacity has significantly affected ALRE.
- Almost half of the ALRE CSI/CAI population managed by the ALRE Maritime team is limited to only one approved source of supply.



Source Approval Request (SAR)



- Source Approval Request (SAR)

- The U.S. Navy uses the SAR process to evaluate a manufacturer's capabilities to approve the supplier for CSI and CAI Items.
- The SAR Package would contain all relevant technical data and would demonstrate evidence of the manufacturer's ability to produce a particular item with acceptable quality, traceability and sub-vendor control.

- Elements of "Good" SAR packages

- Must include all the required information per the NAVSUP SAR Brochure for Spares.

- Lessons Learned from bad SAR Packages

- SAR packages will be rejected/disapproved if required information and requirements are not met per the NAVSUP SAR Brochure.
- Seek help throughout the process and remain engaged.

Contract Data Requirements Lists



- Contract Data Requirements Lists

- CDRLs are required for most ALRE CSI/CAI parts.
- Found in the Technical Data Bid Set posted to DIBBs.
- Inspection /certification data is required to substantiate specific requirements for each ALRE part procured.

- Common CDRLs

- First Article Testing Report.
- Production Test and Inspection Report.
- Certificate of Quality Compliance.
- Production Lot Test Report.
- Welding Procedures.

- Effective Communication and Pre & Post Award Conferences

- Effective communication is essential to ensure understanding of the requirements in order to eliminate errors and time delays.



The Ask!!!



- We Need Sources!

- Assess your resources and capabilities and see if supplying ALRE items fits your business model.
- Talk with our team members about your current product lines and machining capabilities.

- How Can You Help?

 By taking the time to evaluate the quality provisions, contract deliverables and navigate the source approval process to become an approved ALRE source.

- How Can We Help!

 DLA stands ready to provide the necessary information on items needed and to assist navigating the source approval process.





Q/A





