

Appendix A Organization, Mission, Functions, and Operations

This appendix discusses the organization, mission, and functions of the LSE.

ORGANIZATION

Figure A-1 shows the LSE organization. USAMC tailors the LSE organization to provide support based on its subordinate organizations, unit missions, and services required by forces within the specific AOR.

MISSION

The LSE enhances readiness through unified and integrated application of USAMC's

logistics power projection of CONUS-based technical capabilities to deployed units within any theater of operation. Primary capabilities are technical assistance, supply, and maintenance. With required augmentation and resources, the LSE can perform any logistical support mission assigned by the ASCC/TSC. Unique skills include depot maintenance, oil analysis, calibration of test equipment, ammunition surveillance, release of pre-positioned strategic stocks, materiel fielding, technology insertion, and BDA. The LSE operates as far forward as feasible, thereby minimizing the evacuation of critical reparable from the theater of operations and reducing the flow of replacement materiel.

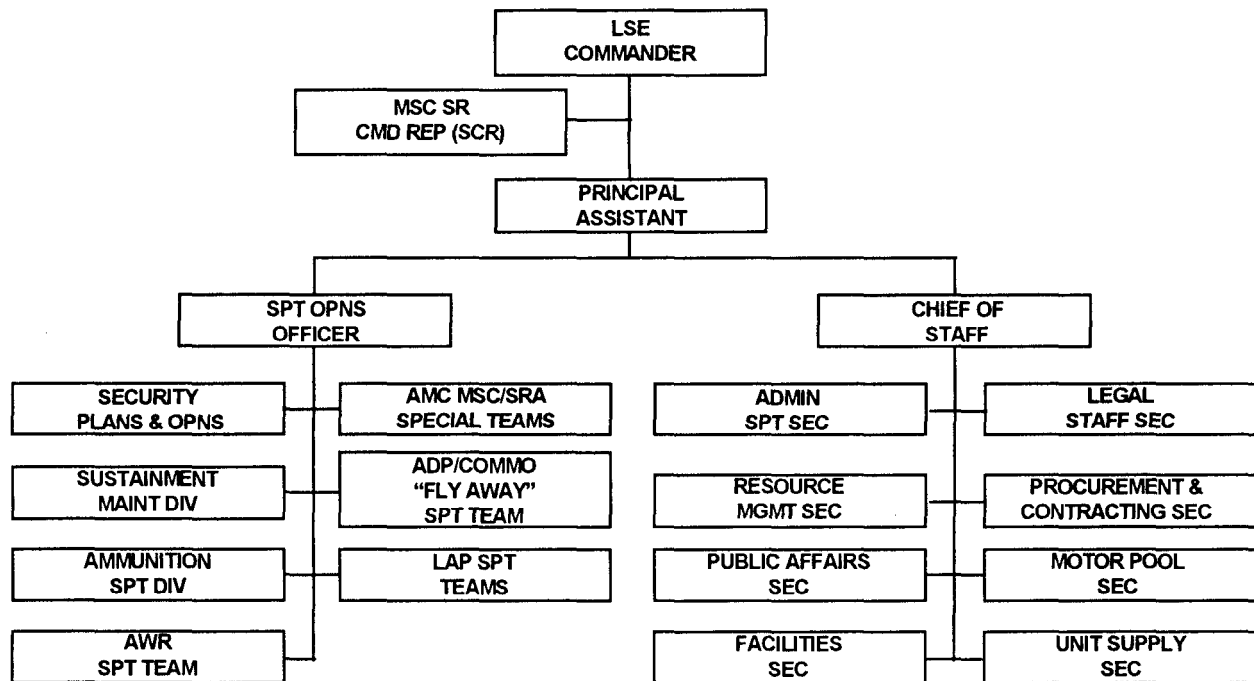


Figure A-1
Logistics Support Element Organization

FUNCTIONS

The functions of the LSE are to--

- Represent the Commander, USAMC, to ASCC and TSC.
- Supervise, coordinate, and exercise centralized control over all USAMC organizations and activities for specific missions in support of ASCC units.
- Coordinate/monitor in-theater readiness oriented logistics support (supply, maintenance, transportation) to include:
 - Logistics assistance.
 - Total package fielding/force modernization.
 - Data collection for equipment and maintenance improvement programs.
 - Warranty program management.
 - Modification work order monitoring.
 - FAST program.
 - Contingency contracting (LOGCAP).
- Serve as the central emergency, contingency, and wartime planning element for USAMC organizations in the AO.
- Plan, coordinate, and execute humanitarian assistance/disaster relief efforts in the AO.
 - Be a participating partner with the FEMA.

- Operate humanitarian relief depots stocked by Federal Government resources and donated items.

- Provide logistics assistance (LAP, contractor, and Reserve Component maintenance personnel) to units deployed in support of disaster relief.

- Participate in and provide oversight of all USAMC initiatives/proofs of principle in CONUS.

- Assist IOC with management oversight of AWR.

- Plan for augmentation and transition to war.

- Plan to provide wartime sustaining logistics support as specified by supported theater commander.

- Plan and supervise participation in peacetime readiness exercises; and develop, coordinate, and publish supporting exercise directives and evaluation reports.

- Develop, review, coordinate, and monitor MOUs between USAMC and major component elements in theater, in coordination with HQ USAMC, ASCC/TSC, and other component commands, as applicable. Provide staff assistance in development of support agreements processed under the MOU; negotiate support agreements for individual and agency logistical support of USAMC elements in, or projected for, the AO; and maintain a repository of consummated agreements.

Command Group

The primary function of the command group is to command and control the LSE. The command group will also be the focal point to interface with the theater-level, supported, and subordinate organization

planners and executors and the wholesale system for on-the-ground requirements. The commander will provide personnel management over DOD civilians and military personnel. The command group will perform discipline, UCMJ, and standards of conduct functions for all assigned/attached personnel.

Security, Plans, and Operations Division

The SPO serves as the security, plans, operations, training, and logistics manager for the deployed LSE. The SPO Officer also serves as the Support Operations Officer for the LSE. The SPO assists the commander in the management of peacetime LSE operations; development of contingency, humanitarian assistance, and mobilization plans; security management; and logistics support operations. The SPO prepares a daily SITREP that analyzes readiness information provided by its other support operations elements and other elements of the LSE.

Sustainment Maintenance Division

- Performs limited depot-level and GS sustainment maintenance, to include repair, overhaul, and/or modification, on Army weapons systems and other equipment deployed in the theater AO.
- Dispatches maintenance contact teams as necessary in support of deployed forces.
- Performs production control scheduling of maintenance shop operations to ensure shops are adequately work loaded and are completing work ordered jobs in a timely manner to return repaired equipment to operational status.
- Requests call forward of specialized repair teams from USAMC MSCs, SRAs, or other Army activities, including RC, as required in support of LSE mission.

- Operates shop supply operation to support LSE sustainment maintenance mission requirements.

- Manages the theater aviation maintenance program.

- Coordinates limited depot-level repair of aircraft and aviation components.

- Coordinates collection, classification, and retrograde processing of unserviceable aircraft and aviation components.

Ammunition Support Division

The Ammunition Support Division provides technical expertise and assistance in the functional areas of supply, storage, maintenance, surveillance, demilitarization, transportation, security, explosive safety, and accountability for Class V material and associated equipment, supplies, and packaging. The Ammunition Support Division has three branches: Ammunition Support (Accountability); Ammunition Surveillance; and Ammunition Logistics.

Ammunition Support Team

- The Defense Ammunition Directorate, IOC, provides personnel of the AST.

- Concept for employment of the AST is dissimilar to the employment of all other LSE organizations. The AST mission is tied specifically to the accountability and management of AWR ammunition.

- The AST deploys early to arrive at the theater POD prior to arrival of the APA ships carrying ammunition.

- The AST deploys with mirror image APA accountable records and QASAS support during the early stages of any

contingency operation requiring use of APA munitions.

- The AST transfers accountability of AWR Class V assets (conventional and missile) from the NICP accountable officers to theater accountable officers.

- The AST provides the initial theater accountability and SAAS operations as well as the link between the CONUS sustaining base and the combat logisticians.

Ammunition Surveillance Branch

- The Ammunition Surveillance Branch provides quality assurance and explosives safety technical expertise and assistance for all Class V operations.

- Key personnel of the Ammunition Surveillance and Ammunition Logistics Branches come from the Logistics Review and Assistance Office, US Army Defense Ammunition Center and School (USADACS), Savanna, IL.

- The Ammunition Surveillance Branch manages the theater Ammunition Stockpile Reliability Program (ASRP).

- The Ammunition Surveillance Branch, in coordination with theater safety officers, plans and executes an explosives safety program.

- The Ammunition Surveillance Branch manages the theater Class V suspension/restriction program in coordination with the NICP.

- The Ammunition Surveillance Branch establishes, manages, and maintains appropriate quality assurance and explosives safety records and files for Class V assets in theater.

- The Ammunition Surveillance Branch provides technical assistance and support to deployed units concerning care, handling, and use of ammunition to mitigate potential quality and safety problems consistent with operational readiness.

- The Ammunition Surveillance Branch, in conjunction with Ammunition Logistics Branch, assists in the establishment of ASP, corps and theater storage areas, and logistics bases.

- The Ammunition Surveillance Branch inspects conveyance and blocking and bracing methods used in munitions movements to assure compliance with regulatory safety requirements.

- The Ammunition Surveillance Branch inspects and certifies residue from demilitarization/disposal operations as inert for turn-in to the Defense Reutilization and Marketing Office (DRMO).

Ammunition Logistics Branch

- The Ammunition Logistics Branch, in conjunction with the Ammunition Surveillance Branch, provides theater ammunition units technical assistance in the establishment and management of ammunition storage areas.

- The Ammunition Logistics Branch inspects and classifies ammunition and assigns proper condition codes in support of retrograde operations.

Procurement and Contracting Section

- Performs local procurement, remote purchase, small purchase, and contracting support functions for the deployed LSE. In coordination with the

theater commander's contracting and procurement personnel, contracts for supplies and services to support the LSE's mission requirements.

- Oversees CORs who monitor the operations of contractor forward repair activities located within the AO.

USAMC MSC/SRA Special Teams

- **ATCOM Logistics Assistance Team (ALAT)**

- Provides technical assistance to units on all ATCOM-managed systems during predeployment, deployment, and redeployment phases.

- Provides direct interface to the wholesale system, as the theater aviation logistics coordination element.

- Monitors and reports daily aircraft status. Reflects readiness rates and not mission capable supply (NMCS)/not mission capable maintenance (NMCM) lines to allow commands to minimize aircraft-on-the-ground (AOG)/NMCS required delivery date (RDD)-999 downtime.

- **Missile Equipment Repair Facility (MERF)**

- Operates tailored in-theater capability for limited depot-level repair of missile components, line replacement units (LRU).

- Provides supply support for selected missile intensively managed items (MIMI).

- Provides MICOM logistics technical support.

- Operates MICOM command, control, communications, and

computers (C4) van to enhance readiness and logistics intelligence.

- Performs packaging and preservation of LRUs for retrograde or storage.

- Coordinates retrograde shipments of critical MICOM-managed repair parts and other assets.

- Provides contractor-supported forward repair capability for repair of OH-58D mast-mounted sight (MMS)/test support system (TSS) components.

- **Intelligence Electronic Warfare Regional Support Center (RSC)** operates RSC to provide DS/GS maintenance to all Army tactical IEW equipment.

- **Field Assistance in Science and Technology Team** provides assistance to deployed forces in developing and implementing interim materiel modifications, battle damage assessment and repair (BDAR), and repair strategies to improve firepower.

- **Chemical Defense Team**

- Determines first use of chemicals weapons/materials and screens suspect materials prior to shipment to CONUS-based labs.

- Supports destruction of chemical materials.

- **Biological Defense Team**

- Oversees contractor logistics support (CLS) maintenance of biological defense systems.

- Provides technical advise and assistance to deployed units regarding biological defense/detection systems.

- M93 Fox Nuclear, Biological, Chemical Vehicle Team

- Coordinates CONUS/OCONUS supply and repair parts support.

- Oversees CLS maintenance for M93 NBC vehicles.

- Provides technical assistance to chemical units operating M93 NBC vehicle.

- Test, Measurement, and Diagnostic Equipment Team coordinates the overall TMDE calibration/repair effort to ensure calibration operations are efficiently and effectively performed.

- Army Oil Analysis Program Team

- Operates mobile oil sampling/analysis laboratory.

- Provides in-theater oil analysis support for ground and aviation assets which require periodic sampling and testing of oil, transmission fluids, etc., as part of their routine maintenance procedures.

- Mobile Subscriber Equipment Team

- Provides CLS for deployed MSE above DS level throughout theater of operations.

- Tailors its MSE regional support center in size, composition, and mission to meet contingency requirements,

- Attaches to the LSE following deployment.

- Software Support Team

- Provides, within the theater of operations, assistance in software

configuration control as well as replication, distribution, installation, and training, on software upgrades.

- Provides capability for rapid dissemination of software upgrades to deployed forces.

- Provides capability for limited on-site training in deployable shelter-mounted facility.

- Automation Logistics Assistance Team

- Provides CSS STAMIS support to any unit requiring assistance.

- Distributes, implements, retrieves, and disposes of CSS software packages.

- Provides CSS software technical assistance, system troubleshooting, and replacement of software.

- Integrates databases for new units.

- Conducts unit level system support training.

ADP/Commo “Fly Away” Support Team

See Chapter 7 for detailed discussion on this team.

LAP Support Teams

Provide commodity oriented logistics assistance representatives to resolve logistics problems which adversely impact materiel readiness. Teams include:

- LAP COSCOM Team

- Consists of USAMC LAO normally assigned to a CONUS or overseas-

based COSCOM.

- Provides logistics technical assistance (supply and maintenance) at the COSCOM level IAW AR 700-4.

- In the event of a contingency, the team, or a portion thereof, deploys with its supported unit. Once in theater, the team becomes part of the deployed LSE.

- LAP Division Team

- Consists of USAMC LAO normally assigned to a CONUS or overseas-based division.

- Provides logistics technical assistance (supply and maintenance) at the division level or below IAW AR 700-4.

- In the event of a contingency, the team, or a portion thereof, deploys with its supported unit. Once in theater, the team becomes part of the deployed LSE.

AWR Support Team

LSE will prepare AWR materiel (except Class VIII) and munitions for issue/transfer to the designated gaining units. AWR Support Team will deploy to the contingency marshaling area and coordinate initial maintenance checks, issue additional SKO and TOE equipment, and transfer accountability of unit sets and sustainment stocks.

OPERATIONS

In a typical LSE operation the following phases occur:

- Phase I - Assembly and preparation

- Phase I normally occurs and is completed prior to actual deployment

into AO.

- LSE-Rear assembles team and prepares for deployment.

- LSE-Rear coordinates with USAMC to establish DODAAC addresses and air lines of communication (ALOC) capabilities for Class IX requisitions and obtains funding authority for requisitions.

- LSE-Rear establishes/changes AWR ship-to addresses to direct or redirect routine COSIS generated Class IX requisitions to the AOR.

- LSE-Rear deploys necessary LSE headquarters and supply and maintenance packages to support AWR Team.

- Phase II - Site Preparation in the AOR

- Upon arrival in-theater, the LSE conducts site survey and selects the LSE equipment processing areas (EPA) for each task force.

- LSE coordinates all area requirements with TSC, COSCOM(-), MTMC, and/or the CTG to synchronize all real estate requirements and purposes.

- LSE arranges for site and equipment security with the TSC/COSCOM(-).

- LSE establishes a traffic management plan for movement of equipment through, in, and around the staging area to minimize congestion.

- Phase III - Maintenance

- Discharged equipment moves directly into EPA.

- LSE inspects and repairs equipment only to the extent necessary to

achieve full mission capable (FMC) + status (deadlining and safety deficiencies only).

- In the holding area, LSE assembles and calls forward equipment for maintenance by UIC.

- LSE performs bar code scanning for Army war reserve deployment system (AWRDS) inventory.

- Each vehicle's logbook contains a listing of known shortcomings (DA Form 2404, Equipment Inspection and Maintenance Worksheet).

- Vehicle operators, provided by gaining unit, will review the DA Form 2404 and perform preventive maintenance checks and services (PMCS) inspection IAW the -10 technical manual, annotating all deficiencies on a new DA Form 2404.

- LSE identifies on DA Form 2404 those vehicles requiring the installation of communications equipment or crew-served weapons.

- LSE tows vehicles unable to move under their own power to the unit (organizational) repair point for inspection and repair. Operators accompany their vehicles. LSE/unit personnel upon completion of repairs directs the operators to next appropriate checkpoint.

- At the joint inspection point, a joint team of technically qualified LSE personnel and unit inspectors review the DA Form 2404, perform additional technical inspections, assess the findings, and assigns the equipment to the proper level of maintenance.

- Segregated areas, by commodity groups, exist for weapons, commo, track (hull and turret), and wheeled

vehicles (trucks, trailers, and power units) inspections.

- Weapons and/or communications equipment will be installed, inspected, and repaired, if required, at the respective inspection points. Vehicles not requiring these services go directly to the track or wheel vehicle inspection point.

- Qualified LSE maintenance technical representatives inspect trailers, turrets, hulls, weapons, commo, and power units.

- Equipment repairs requiring less than 30 minutes to perform are done in an area called the quick fix point.

- Return equipment to the unit organizational or DS repair point when repairs requiring longer than 30 minutes along with a completed DA Forms 2404 and 2407 identifying the faults.

- Identifies required bore-scoping and accuracy checks on DA Form 2404.

- At the quick fix point, organizational, and DS maintenance points, LSE and unit maintenance personnel repair all deficiencies noted on DA Form 2404 and any others found during repair.

- LSE and unit maintenance personnel ensure that DA Form 2404 is annotated completely and accurately.

- Maintenance personnel identify the required repair parts on the DA Form 2404 and issue them from an authorized LSE Class IX supply support section to authorized LSE/unit maintenance personnel only.

- If a required part is not on-hand, the LSE Class IX supply support section

initiates an issue priority designator (IPD) 01 requisition using the designated project code and the LSE Class IX DODAAC.

- Equipment requiring DS maintenance proceeds to the DS repair point after all organizational-level deficiencies have been corrected.

- Equipment requiring borescoping and armor accuracy checks proceeds to the boresite point after all other maintenance actions have been performed.

- Unit maintenance personnel accomplish all borescoping and armor accuracy checks with assistance from the LSE. Corrective actions taken are annotated on the DA Form 2404 initiated at the joint inspection point.

- LSE and unit maintenance personnel together conduct a final quality assurance inspection. They ensure as a minimum, that all deadlining and safety deficiencies were corrected and annotated on DA Form 2404 prior to hand-off to the gaining unit.

- Quality assurance inspection point collects all DA Forms 2404 and sorts them by commodity.

- **Phase IV - Supply and Accountability Transfer**

- After completion of all maintenance actions, AWR equipment processes through the plus-up issue and hand-off point.

- At the plus-up issue point, LSE personnel issue on-hand fills for shortages to basic issue items (BII), SKO, additional authorization list (AAL), components of end items (COEI), or end items to complete unit equipment or sets. They adjust the AWRDS database.

- At the hand-off point, the LSE organizes the equipment into unit sets at separate company or detachment level.

- Using the AWRDS database, the LSE property Transfer Team prints automated hand receipts for each company or separate detachment.

- Automated hand receipt lists all on-hand MTOE authorized equipment. MTOE authorized SKOs are listed, but not with component listing.

- Gaining unit commanders inventory on-hand MTOE equipment against the automated hand receipt to verify models, serial numbers, and quantities prior to signature.

- LSE property transfer team provides AWRDS automated report, listing quantity and location of all secondary items; i.e., BII, to the gaining unit commander.

- LSE property transfer team provides electronic and hard copies of transfer records to the gaining unit commander. It also provides electronic copies to the LOGSA Continuing Balance System-Expanded (CBS-X) team for immediate update to CBS-X database records.

- A signed copy of the hand receipt serves as a voucher for posting receipts from the units by the USAMC NICP accountable officer.

- LSE LOGSA CBS-X team assists the gaining unit property book personnel to update unit property records.

- To speed up the issue process, LSE personnel use the AWR MTOE authorization on-hand inventory procedures in lieu of normal 100 percent equipment inventory. This enables units quickly to assume their tactical mission.

- After assuming accountability, the gaining unit moves the unit sets to the appropriate unit staging area.

- Phase V - AWR Reconstitution and Upload

- Phase V normally occurs as the contingency operations begin to wind down prior to re-deployment of forces.

- LSE determines resources required to return AWR assets back to pre-deployment operational levels, including all classes of supply, except Class VIII.

- LSE assists the combat brigade in conducting serviceability and maintenance inspections. Assist the DS maintenance company in performing required repairs.

- LSE validates and requisitions replacements for all equipment and supply shortages beyond the losing unit's capability to fill or replace.

- LSE is HQDA's executive agent to ensure unit equipment sets are configured and stored IAW authorization documents.

- LSE organizes unit equipment sets IAW AWR authorization documents in preparation for loading on the ships or storage.

- LSE coordinates changes to APA ship load plans with HQDA and MTMC.

- LSE re-establishes AWR ADPE databases.