

## Training and Evaluation Outline Report

**Task Number:** 01-2-8070

**Task Title:** Coordinate Aviation Life Support Equipment (ALSE) Functions

**Supporting Reference(s):**

| Step Number | Reference ID            | Reference Name   | Required | Primary |
|-------------|-------------------------|--|----------|---------|
|             | AR 750-1                | Army Materiel Maintenance Policy.  | Yes      | No      |
|             | AR 750-43               | Army Test, Measurement, and Diagnostic Equipment                                       | Yes      | No      |
|             | PAM 738-751             | FUNCTIONAL USER'S MANUAL FOR THE ARMY MAINTENANCE MANAGEMENT SYSTEM-AVIATION (TAMMS-A) | Yes      | No      |
|             | TC 3-04.7               | Army Aviation Maintenance  | Yes      | No      |
|             | TC 3-04.72 (FM3-04.508) | Aviation Life Support System Management Program  | Yes      | Yes     |

**Condition:** Aviation elements are conducting assigned missions in a simulated-live, virtual, or constructive-combat environment. The aviation maintenance company/troop (AMC/T) command post (CP) is operational and the digital/analog communication systems are functional. The AMC/T's elements are deployed per OPORD/FRAGO. The AMC/T's elements are conducting continuous operations or preparing for future tactical operations. Requests for aviation life support equipment (ALSE) support are received. ALSE is due inspection and/or services. Trained personnel, repair parts, tools, equipment, supplies, TACSOP, unit maintenance SOPs, applicable TMs, regulations, and directives are available to support ALSE functions. This task should not be trained in MOPP.

**Standard:** The aviation maintenance company/troop (AMC/T) elements coordinate aviation life support equipment functions in accordance with (IAW) applicable publications, technical manuals (TMs) and the commander's guidance. The AMC/T's elements assigned rated and non-rated crewmembers ALSE gear and components are inspected, maintained, and repaired IAW applicable technical publications. The AMC/T's elements assigned missions are not compromised as direct result of inadequately maintained ALSE gear or lack of critical ALSE. Assigned aviation personnel (ALSE trained/qualified) maintained an ALSE shop, reference library, equipment, and repair parts IAW the unit's maintenance SOP and applicable references and publications.

**Special Equipment:** None

**Safety Level:** Low

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|------------------------|
| <b>Task Statements</b> |
|------------------------|

**Cue:** None

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| DANGER |
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| None. |
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| WARNING |
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| None. |
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## CAUTION

None.

**Remarks:** None

**Notes:** None

## TASK STEPS

- \* 1. The company/troop commander directs the Aviation Life Support Equipment (ALSE) program.
  - a. Provides guidance to ALSE officers in accordance with (IAW) the tactical standing operating procedures (TACSOP), regulations, directives, and established safety procedures.
  - b. Monitors the ALSE program for compliance with applicable regulations, publications, directives, safety procedures, TACSOP, and the unit's SOP.
  - c. Directs compliance of the environmental protection program IAW applicable regulations, publications, TACSOP, and unit's SOP.
  - d. Directs compliance of the safety program IAW applicable regulations, publications, and the unit's safety SOP.
- \* 2. The company/troop ALSE qualified officers manage shop operations and the maintenance of ALSE equipment.
  - a. Establish requirements to maintain a current and functional ALSE SOP.
  - b. Establish requirements to maintain a current and functional ALSE reference library.
  - c. Establish requirements to maintain a prescribed load list (PLL) of repair parts and expendable items to support ALSE functions.
  - d. Manage the ALSE equipment inspection program.
  - e. Monitor the environmental protection program IAW applicable regulations, publications, and TACSOP.
  - f. Monitor the safety program IAW applicable regulations, publications, and the unit safety SOP.
- \* 3. The company/troop ALSE qualified officers direct operations of assigned ALSE personnel.
  - a. Provide operational guidance to ALSE non-commissioned officers (NCOs).
  - b. Monitor status of scheduled inspections and/or services for assigned/attached ALSE gear and equipment.
  - c. Supervise the return of ALSE equipment found to be not repairable at this station (NRTS) at the support maintenance facility back to the supply system.
  - d. Monitor the preparation of turn-in work orders and/or requisition documentation.
  - e. Advise the chain of command of ALSE shortages, maintenance and "X" condition items (non-mission capable maintenance [NMCM] and non-mission capable supply [NMCS]) that may negatively impact operational/tactical missions.
- \* 4. The company/troop ALSE NCOs supervise ALSE functions and operations.
  - a. Provide technical and operational guidance to ALSE maintenance personnel.
  - b. Provide technical assistance to aviation sections, teams, and aircrews.
  - c. Monitor training of flight status personnel to ensure proper operation, use, and operator preventative maintenance checks and services (PMCS) of survival equipment.

d. Manage the reference library to ensure applicable regulations, required technical manuals (TMs), and directives are on-hand and used.

e. Inspect equipment forms and records for accuracy and completeness.

f. Maintain assigned document register current.

g. Manage assigned PLL to ensure adequate amount of repair parts and expendable items are on-hand or on order to support ALSE functions.

h. Monitor requisitions to ensure supplies, equipment, repair parts, and expendable items are on order through the technical supply section.

i. Monitor storage of supplies, equipment, repair parts, bench stock, and expendable items for compliance with the ALSE and unit's SOP.

j. Enforce compliance of the environmental protection program IAW applicable regulations, publications, and TACSOP.

k. Enforce compliance of the safety program IAW applicable regulations, publications, and the unit's safety SOP.

5. The company/troop ALSE maintenance personnel perform ALSE maintenance actions and functions.

a. Inspect survival kits and components IAW applicable regulations, publications, and directives.

b. Inspect issued ALSE for serviceability and accountability of components.

c. Repair or replace ALSE and components IAW applicable regulations, publications, safety messages, and manufacturer's instructions.

d. Request ALSE supplies, equipment, repair parts, and expendable items from technical supply.

e. Ensure adequate amounts of PLL are on-hand or on order to support ALSE functions.

f. Maintain tool kits, special tools, and special equipment IAW applicable regulations and publications.

g. Fit ALSE gear to newly assigned crewmembers and noncrewmembers to ensure proper fit IAW ALSE publications and standards.

h. Train newly assigned crewmembers and noncrewmembers in the operation and use of ALSE equipment.

i. Store ALSE supplies, equipment, repair parts, and expendable items IAW applicable regulations, publications, and ALSE SOP and TACSOP.

j. Turn-in ALSE requiring repair and/or service to support maintenance facilities.

k. Employ environmental protection program procedures IAW applicable regulations, publications, and unit SOP and TACSOP.

l. Employ safety program procedures IAW applicable regulations, publications, and the unit safety SOP.

\* 6. Commander/leader performs or delegates performance of the steps in the composite risk management process for each step in troop leading procedures.



| Step Number | Task Number | Title   | Proponent                                      | Status   |
|-------------|-------------|---|--|----------|
|             | 01-2-7020   | Provide Class IX Aircraft Repair Parts Support in an Aviation Support Company/Troop (ASC/T) | 01 - Aviation/Aviation Logistics (Collective)  | Obsolete |
|             | 01-2-8061   | Coordinate Quality Control Actions in Support of Aviation Maintenance Programs              | 01 - Aviation/Aviation Logistics (Collective)  | Obsolete |
|             | 10-2-4002   | Provide Class I, II, III (PKG), IV, VII and IX Supplies                                     | 10 - Quartermaster (Collective)                | Approved |
|             | 43-2-4392   | Maintain Records and Publications   | 43 - Maintenance (except missile) (Collective) | Approved |

**Supporting Individual Task(s):**

| Step Number | Task Number  | Title  | Proponent                   | Status   |
|-------------|--------------|--|-----------------------------|----------|
|             | 011-146-0002 | Maintain Army Aviation Flight Helmets  | 011 - Aviation (Individual) | Reviewed |
|             | 011-146-0002 | Maintain Army Aviation Flight Helmets  | 011 - Aviation (Individual) | Approved |
|             | 011-146-0004 | Maintain Aviation Survival Kits and Components   | 011 - Aviation (Individual) | Approved |
|             | 011-146-0007 | Maintain Aviation Survival Vests and Components  | 011 - Aviation (Individual) | Approved |
|             | 011-146-0011 | Maintain Survival Transmitters / Receivers   | 011 - Aviation (Individual) | Approved |
|             | 011-146-0012 | Maintain Flotation Equipment   | 011 - Aviation (Individual) | Approved |
|             | 011-146-0014 | Operate Aviation Life Support Systems Repair Tools   | 011 - Aviation (Individual) | Approved |
|             | 011-146-0017 | Maintain Aviation Night Vision Devices   | 011 - Aviation (Individual) | Approved |
|             | 011-146-0020 | Maintain Publications and Technical Manuals for an Aviation Life Support Systems Shop.                                     | 011 - Aviation (Individual) | Approved |
|             | 052-192-3261 | React to an Improvised Explosive Device (IED) Attack (UNCLASSIFIED / FOR OFFICIAL USE ONLY) (U//FOUO)                      | 052 - Engineer (Individual) | Approved |
|             | 052-192-3262 | Prepare for an Improvised Explosive Device (IED) Threat Prior to Movement (UNCLASSIFIED / FOR OFFICIAL USE ONLY) (U//FOUO) | 052 - Engineer (Individual) | Approved |
|             | 052-703-9113 | Plan for the Integration of C-IED Assets in a COIN Environment   | 052 - Engineer (Individual) | Approved |
|             | 171-300-0083 | Enforce Rules of Engagement (ROE)  | 171 - Armor (Individual)    | Approved |

**Supporting Drill Task(s):** None

**TADSS**

| Step ID            | TADSS ID | Title | Product Type | Quantity |
|--------------------|----------|-------|--------------|----------|
| No TADSS specified |          |       |              |          |

## Equipment (LIN)

| Step ID                | LIN | Nomenclature | Qty |
|------------------------|-----|--------------|-----|
| No equipment specified |     |              |     |

## Materiel Items (NSN)

| Step ID                | NSN | LIN | Title | Qty |
|------------------------|-----|-----|-------|-----|
| No equipment specified |     |     |       |     |

**Environment:** 1. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

2. All aerial defensive and offensive tactical operations require an area in which to maneuver. Most training areas have environmental restrictions that a unit must follow during tactical operations. The flight-route parameters resulting from environmental and noise complaint restrictions are unique to aviation. These restrictions must be considered when planning training aviation missions and during mission briefs.

3. Aviation units use large amounts of hazardous materials during routine maintenance. Commanders will be held responsible for the proper disposal of hazardous materials (HAZMAT). The operation of FARPs is especially challenging because of the potential for major environmental catastrophes. The SOPs specify the proper disposal of HAZMAT (such as oils and lubricants, used drip pans, and grease and oil washed off vehicles).

4. All gunnery ranges have environmental SOPs which aviation units need to comply with. These restrictions include normal environmental guidance. They also include specific instructions for the disposal of casings and ammunition boxes and maneuvering weapon systems.

Note. Each U.S. installation is subject to local and state environmental regulations as well as to federal legislation. For information pertaining to a specific location, contact the installation environmental office. When overseas or on deployment, contact operations and plans, and training staff officer (S3) or the assistant chief of staff, operations (G3).

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. 1. In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

2. Composite risk management identifies operational risks so hazards can be reduced or eliminated. Composite risk management allows units to operate in high-risk environments. Leaders at every level are responsible for identifying hazards, taking measures to reduce or eliminate hazards, and accepting risk only to the point that the benefits outweigh the potential losses. The Army's doctrinal manuals articulate the risk-management process as the principal risk-reduction tool. Composite risk management is not an add-on feature to the decision-making process but, rather, a fully integrated element of planning and executing operations. The goal is to make composite risk management a routine part of planning and executing operational and training missions.

3. Composite risk management is a continuous process for each assigned mission or training event. It must be integral to military decisions tied into each training plan and become a continuous part of preparation for training. Safety demands total chain of command involvement in planning, preparing, executing, and evaluating training.