

Summary Report for Individual Task
552-918-3004
DIRECT MAINTENANCE OF WORK AREA/EQUIPMENT/TOOLS (AVN)
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Fort Rucker, AL. / USAACE foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Condition: While in a Operational Environment (OE), given a requirement to direct the maintenance of work area, equipment, and tools, an aviation maintenance facility with all appropriate parts, equipment, tools, references, forms, records, the unit SOP, and ULLS -AE. This task should not be trained in MOPP 4.

Standard: Direct themaintenance of work area, equipment, and tools in accordance with applicable references. Comply with all shop and flight line safety procedures.

Special Condition: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: You are assigned as an aircraft structural supervisor and must review the required forms, records, and publications required to supervise maintenance of work area/equipment/tools used on Army aircraft.

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Ensure that all personnel using power tools wear required safety devices.
2. Verify that accident prevention measures are included in the maintenance annex to the unit SOP and that they are complied with.
3. Verify that the required number of fire extinguishers are available in work areas.
4. Ensure that all parts and items removed from aircraft are properly marked and stored.
5. Check that all equipment maintenance records are correctly maintained on equipment.
6. Ensure that all machines, workbenches, and aisles are adequately illuminated.
7. Direct that unsafe equipment be removed from the work areas.
8. Ensure that shop machinery is operated only by qualified personnel.
9. Verify that maintenance personnel are instructed on the proper use, care, and maintenance of common and special tools.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier a GO if all performance measures are passed. Score the Soldier a NO-GO if any performance measure is failed.

1. If an individual commits more than one safety violation, they are an automatic failure.
2. Any negligent damage to the aircraft is an automatic failure.
3. Safety:
 - a. Evaluator will ensure proper adherence to all Warnings, Cautions and Notes listed in the IETM for the task.
 - b. Evaluator will ensure all required PPE for the task is on hand. Non-use will constitute a safety violation.
 - c. Watches, rings and other loose jewelry (such as ID tags) will constitute a safety violation if not removed prior to task start.
 - d. Evaluator will pause evaluation to identify safety violations and require corrections before allowing task to continue.
4. Proper Tool Usage: Evaluator will monitor for proper tool usage. When a Soldier is observed using an improper tool, as specified in the IETM, the evaluator will point out the error and require correction.
5. Tool Inventory:
 - a. Evaluator will monitor compliance for tool inventory prior to task start. If inventory is not conducted, evaluator will pause task and require completion of inventory.
 - b. Evaluator will monitor compliance for tool inventory at task completion. If inventory is not conducted, evaluator will pause task and require completion of inventory.
6. IETM Usage: Simply having the IETM open to the appropriate task/page does not constitute proper IETM usage. The Soldiers must be observed making reference to the IETM for proper task steps, procedures and specifications.

Evaluation Preparation:

Setup: An aircraft, maintenance publications and references, logbook forms and records, and required personnel.

Brief Soldier: Tell the Soldier that they must repair the aircraft, make all appropriate entries in the equipment logbook, and comply with all shop, flight line and unit SOP safety procedures IAW applicable references.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Reviewed aircraft forms and records IAW DA PAM 738-751 and ULLS-AE.			
1. Ensured that all personnel using power tools wore required safety devices.			
2. Verified that accident prevention measures were included in the maintenance annex to the unit standing operating procedure (SOP) and they were complied with.			
3. Verified that the required number of fire extinguishers were available in work areas.			
4. Ensured that all parts and items removed from aircraft were properly marked and stored.			
5. Checked that all equipment maintenance records were correctly maintained on equipment.			
6. Ensured that all machines, workbenches, and aisles were adequately illuminated.			
7. Directed that unsafe equipment be removed from work areas.			
8. Ensured that shop machinery was operated only by qualified personnel.			
9. Verified that maintenance personnel were instructed on the proper use, care, and maintenance of common and special tools.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	DA PAM 385-1	SMALL UNIT SAFETY OFFICER/NCO GUIDE	Yes	No
	EM 0151	General Equipment, Aircraft (Current as of 01 February 2015)	Yes	No
	EM 0178	General Publications (Current as of 01 Nov 12)	Yes	No
	PAM 738-751	FUNCTIONAL USER'S MANUAL FOR THE ARMY MAINTENANCE MANAGEMENT SYSTEM-AVIATION (TAMMS-A) http://www.apd.army.mil/pdffiles/p738_751.pdf	Yes	No
	TB 43-180	Technical Bulletin Calibration and Repair Requirements for the Maintenance of Army Materiel	Yes	No
	TC 3-04.7	Army Aviation Maintenance	Yes	No
	TM 9-243	USE AND CARE OF HAND TOOLS AND MEASURING TOOLS (TO 32-1-101; M6290-AJ-MAN-1010; TM-10209-10/1) (REPRINTED W/BASIC INCL C1-2)	Yes	No

Environment: 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.

It is the responsibility of all Soldiers and DA Civilians to protect the environment from damage. Soldiers must adhere to the management plan for hazardous material. The plan includes handling, use storage, and waste disposal. Soldiers must be familiar with the safety data sheets (SDS) for the products they are using.

The products of this task are: None

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Low Risk: Personnel must comply with all TM's, TB's, WARNINGS, CAUTIONS, NOTES, Applicable AR's, Unit/Command safety policies and procedures, shop safety practices, and identified Risk Management (RM) control measures.

Provide proper ventilation and protective clothing, including eye shield, when using solvents and adhesive mixtures. Avoid breathing vapors and skin contact with these materials as much as possible. Wash contacted skin with soap and water. If materials contact eyes, flush them with clear water and get medical attention.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None