

## ART 4.1.1 Provide Maintenance Support

Repair and maintain the availability of weapon systems and equipment. (FM 4-30.3) (CASCOM)

<b>NO.</b>	<b>Scale</b>	<b>Measure</b>
01	Yes/No	Weapon systems and equipment supported the unit to accomplish its mission.
02	Time	Of average equipment downtime based on when equipment work order was submitted to maintenance organization.
03	Time	Of turnaround to repair priority combat equipment.
04	Time	To refine salvage and recovery plans after receipt of warning order.
05	Time	To diagnose malfunctioning equipment.
06	Time	To complete diagnosis, troubleshoot, and determine repair parts requirements for faulty equipment.
07	Time	To refine substitution policy after receipt of warning order.
08	Time	To diagnose, determine subsystem availability, and perform substitution to return major combat equipment to service.
09	Time	To refine direct exchange policy after receipt of warning order.
10	Time	To diagnose, determine direct exchange availability, and perform the exchange to return major combat equipment to service.
11	Time	Of average downtime for deadlined equipment using the direct exchange pipeline.
12	Time	To obtain replacement parts.
13	Time	To repair and return equipment.
14	Time	To refine the concept and policies for equipment repair, maintenance, and evacuation, and to establish maintenance facilities after receipt of warning order.
15	Percent	Of preventative maintenance checks and services (PMCS) tasks performed.
16	Percent	Of PMCS tasks deferred.
17	Percent	Of equipment operationally ready at any given time.
18	Percent	Of friendly damaged equipment recovered.

19	Percent	Of enemy abandoned equipment recovered.
20	Percent	Of damaged and abandoned materiel left on the battlefield due to failure to promptly report.
21	Percent	Of malfunctioning equipment deadlined with misdiagnosis.
22	Percent	Of equipment unavailable due to substitution or cannibalization.
23	Percent	Of substitutions completed by using salvage and disposal materiel.
24	Percent	Of substitutions completed by using authorized cannibalization within unit.
25	Percent	Of deadlined equipment returned to service through direct exchange.
26	Percent	Of direct exchanges unsuccessful due to faulty record keeping.
27	Percent	Of average equipment downtime.
28	Percent	Of time-phased force and deployment data (TPFDD) maintenance units deployed and operational.
29	Percent	Of equipment deadlined for maintenance.
30	Percent	Of equipment deadlined for supply.
31	Percent	Of equipment failures successfully repaired.
32	Percent	Of maintenance capability provided by host nation.
33	Percent	Of maintenance facilities and sites secured from attack.
34	Percent	Of operations degraded, delayed, or modified due to faulty maintenance management.
35	Percent	Of operations that address collection, classification, and disposition of enemy materiel.
36	Percent	Of captured enemy materiel collected, classified, and disposed of per instructions from appropriate materiel management center.
37	Number	Of PMCS tasks deferred.
38	Number	Of PMCS tasks performed.
39	Number	Of recovery operations that are performed successfully and to the time standard based on the applicable technical manuals.
40	Number	Of instances when unit operations are degraded, delayed, or modified due to lack of skilled mechanics and diagnostic equipment.

## Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
01-1-8103	Coordinate Requirements for Establishing a Forward Arming and Refueling Point (FARP)	01 - Aviation/Aviation Logistics (Collective)	Battalion
01-1-8104	Coordinate Downed Aircraft/Equipment Recovery Missions	01 - Aviation/Aviation Logistics (Collective)	Battalion
01-1-8105	Participate in the Staff Planning Process for Aviation Sustainment	01 - Aviation/Aviation Logistics (Collective)	Battalion
01-2-0338	Conduct Helicopter Maintenance	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-7730	Maintain Helicopters in an Aviation Support Company/Troop (ASC/T)	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-7735	Coordinate Aviation Support Company/Troop (ASC/T) Sustainment (Logistics/Maintenance) Priorities	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8057	Maintain Aviation Ground Support Equipment (AGSE)	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8058	Coordinate Production Control and Aviation Maintenance Functions	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8059	Coordinate Production Control Procedures and Priorities of Aviation Assets	01 - Aviation/Aviation Logistics	Company

		(Collective)	
01-2-8060	Coordinate Operational Readiness Reporting and Aircraft Availability	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8061	Coordinate Quality Control Actions in Support of Aviation Maintenance Programs	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8062	Perform Aircraft Technical Inspections	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8063	Coordinate Component Repair Platoon Aircraft Maintenance Actions	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8064	Coordinate Airframe Repair Platoon Aircraft Maintenance Actions	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8065	Perform Aircraft Battle Damage Assessment and Repair (BDAR)	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8066	Perform Downed Aircraft Recovery Missions	01 - Aviation/Aviation Logistics (Collective)	Company
01-2-8083	Coordinate Aviation Support Company/Troop (ASC/T) Maintenance Support to Aviation Elements While the ASC/T Moves	01 - Aviation/Aviation Logistics (Collective)	Company
01-4-0362	Perform Ground Vehicle Unit-Level Maintenance	01 - Aviation/Aviation Logistics (Collective)	Section
05-1-4001	Establish and Operate a Unit Maintenance Collection Point (UMCP)	05 - Engineers (Collective)	Battalion

05-2-1126	Coordinate for Organizational Maintenance Support	05 - Engineers (Collective)	Company
05-3-5713	Perform a Power Distribution System Maintenance Survey	05 - Engineers (Collective)	Platoon
05-3-5719	Perform Power Plant Generation System Maintenance Technical Assistance	05 - Engineers (Collective)	Platoon
10-2-0012	Set Up Pipeline/Hoseline Operational Areas	10 - Quartermaster (Collective)	Company
10-9-4860	Provide Deployment Logistics Support (Battalion-Echelon Above Corps)	10 - Quartermaster (Collective)	Echelons Above Corps
34-4-0301	Repair MI Systems Equipment in a Maintenance Facility	34 - Combat Electronic Warfare and Intelligence (Collective)	Section
34-4-0302	Manage MI Systems Maintenance Work Orders	34 - Combat Electronic Warfare and Intelligence (Collective)	Section
34-4-0303	Perform Technical Inspection of MI Systems Equipment	34 - Combat Electronic Warfare and Intelligence (Collective)	Section
34-4-0304	Repair MI Systems Equipment at a Tactical Location	34 - Combat Electronic Warfare and Intelligence (Collective)	Section
34-4-0305	Integrate MI Systems	34 - Combat Electronic Warfare and Intelligence (Collective)	Section
34-4-	Implement Quality Assurance	34 - Combat	Section

0306	Measures for MI Systems Maintenance	Electronic Warfare and Intelligence (Collective)	
43-1-0012	Establish Battalion Area of Operations	43 - Maintenance (except missile) (Collective)	Battalion
43-1-0013	Set Up Battalion Maintenance Platoon Headquarters and Sections	43 - Maintenance (except missile) (Collective)	Battalion
43-2-0001	Perform Vehicle Recovery	43 - Maintenance (except missile) (Collective)	Company
43-2-0002	Perform Battlefield Damage Assessment and Repair (BDAR)	43 - Maintenance (except missile) (Collective)	Company
43-2-0020	Set Up Maintenance Section	43 - Maintenance (except missile) (Collective)	Company
43-2-0029	Conduct Support Maintenance Operations	43 - Maintenance (except missile) (Collective)	Company
43-2-0030	Perform Service Operations	43 - Maintenance (except missile) (Collective)	Company
43-2-0096	Provide Repair Parts Supply Support	43 - Maintenance (except missile) (Collective)	Company
43-2-0126	Conduct Sustainment Maintenance Operations	43 - Maintenance (except missile)	Company

		(Collective)	
43-2-1503	Provide Allied Trades and Lift Services	43 - Maintenance (except missile) (Collective)	Company
43-2-1504	Provide COMSEC Supply Support	43 - Maintenance (except missile) (Collective)	Company
43-2-1507	Provide COMSEC Support	43 - Maintenance (except missile) (Collective)	Company
43-2-4053	Perform Field Maintenance Team Functions	43 - Maintenance (except missile) (Collective)	Company
43-2-4071	Perform Recovery Operations	43 - Maintenance (except missile) (Collective)	Company
43-2-4390	Identify, Inspect, and Classify Materiel/Equipment	43 - Maintenance (except missile) (Collective)	Company
43-2-4393	Establish and Operate an Maintenance Collection and Classification Point	43 - Maintenance (except missile) (Collective)	Company
43-2-4394	Perform Controlled Exchange of Repair Parts	43 - Maintenance (except missile) (Collective)	Company
43-2-4508	Perform Combat Repair Team Functions	43 - Maintenance (except missile) (Collective)	Company
43-2-4522	Destroy Supplies and Equipment	43 - Maintenance	Company

		(except missile) (Collective)	
43-2-4531	Set Up Forward Repair Platoon Headquarters and Sections	43 - Maintenance (except missile) (Collective)	Company
43-2-4535	Supervise Maintenance Platoon Operations	43 - Maintenance (except missile) (Collective)	Company
43-2-4543	Set Up Direct Support Maintenance Platoon Headquarters and Sections	43 - Maintenance (except missile) (Collective)	Company
43-2-4544	Supervise Battalion Maintenance Platoon Operations	43 - Maintenance (except missile) (Collective)	Company
43-2-4552	Perform Field Maintenance	09 - Ordnance (missiles and munitions) (Collective)	Company
43-2-4570	Set up Maintenance Platoon Headquarters and Sections	43 - Maintenance (except missile) (Collective)	Company
43-2-4817	Perform Redeployment Maintenance Activities	43 - Maintenance (except missile) (Collective)	Company
43-2-7034	Perform Technical Inspections	43 - Maintenance (except missile) (Collective)	Company
43-5-1103	Perform MST Functions	43 - Maintenance (except missile) (Collective)	Team (TOE)
43-7-	Coordinate Sustainment	43 -	Division



0047	Maintenance Support	Maintenance (except missile) (Collective)	(TOE)
43-9-0002	Manage Maintenance and Retrograde of Equipment (Brigade-Echelons Above Corps)	43 - Maintenance (except missile) (Collective)	Echelons Above Corps
44-4-3414	Provide Communications Support	44 - Air Defense (Collective)	Section
55-2-1500	Provide Quality Control.	55 - Transportation (Collective)	Company
55-2-1502	Conduct Watercraft Support Maintenance Operations.	55 - Transportation (Collective)	Company
55-2-1505	Conduct Marine Hull Salvage Repair Operations.	55 - Transportation (Collective)	Company
63-1-4028	Coordinate Sustainment and Field Maintenance Support	63 - Multifunctional Logistics (Collective)	Battalion
63-6-2468	Conduct Redeployment Maintenance Support Activities	63 - Multifunctional Logistics (Collective)	Brigade
63-6-4044	Coordinate Maintenance Operations	63 - Multifunctional Logistics (Collective)	Brigade
63-9-0005	Direct Theater Logistics Automation STAMIS Support (Brigade-Echelons Above Corps)	63 - Multifunctional Logistics (Collective)	Echelons Above Corps