

ART 1.7 Conduct Countermobility Operations

Countermobility operations involve constructing reinforcing obstacles integrated with fires to inhibit the maneuver of an enemy force, increase time for target acquisition, and increase weapon effectiveness. Commanders integrate obstacle planning into the military decisionmaking process (see FM 5-0); integrate obstacles into the concept of operations (primarily through proper siting); and maintain integration through obstacle turnover, protection, and tracking. The force constructs, emplaces, or detonates tactical and protective obstacles to reinforce existing obstacles. Tactical obstacles are designed and integrated with fires to achieve a tactical effect—disrupt, fix, turn, or block. The three types of tactical obstacles are directed obstacles, situational obstacles, and reserve obstacles. They are distinguished by the differences in execution criteria. Protective obstacles are a key component of survivability operations. (See ART 6.7, Conduct Survivability Operations.) The force may employ any type of individual obstacle as a tactical obstacle. (FM 5-102) (USAES)

Note: The term “countermobility systems” used in this section is generic in nature and includes both manual and mechanical means, such as sapper units, cratering demolition kits, and mine dispensing systems.

NO.	Scale	Measure
01	Yes/No	Friendly obstacle effect accomplished commander’s guidance (block, disrupt, fix, or turn).
02	Yes/No	Unit emplaced obstacles per restrictions established by higher headquarters, to include obstacle control measure graphics and rules of engagement.
03	Yes/No	Unit integrated fires (direct and indirect, lethal and nonlethal) in the obstacle plan and were effective when required.
04	Time	That enemy forces are delayed in the conduct of their movement and maneuver due to friendly obstacles. (Delay time depends on type of effect.)
05	Time	Required by the enemy to repair and replace facilities (such as bridges, railroad switching yards, dockyard

		cranes, and airfield runways) damaged and destroyed by friendly countermobility efforts.
06	Time	To conduct area reconnaissance of proposed locations of obstacle complexes.
07	Time	For staff to format and disseminate information obtained by the area reconnaissance to subordinate units, higher headquarters, and laterally.
08	Time	To conduct terrain analysis to assist in selecting obstacle locations.
09	Time	To plan construction of the obstacle effort.
10	Time	To establish conditions necessary for construction of obstacles, such as establishing security and moving class IV and class V material to obstacle locations.
11	Time	To move countermobility systems to work site.
12	Time	To emplace obstacles.
13	Time	To employ appropriate lethal and nonlethal fires when enemy is engaged in friendly obstacles.
14	Percent	Of countermobility effort completed.
15	Percent	Of total available countermobility effort in a given time not used because of poor management.
16	Percent	Of enemy forces unable to reach their objective due to obstacles.
17	Percent	Of mobility corridors and avenues of approach closed to enemy maneuver by friendly obstacles.
18	Percent	Of enemy casualties inflicted by friendly obstacles.
19	Percent	Of available countermobility assets that are mission capable.
20	Percent	Of enemy sustainment capability interdicted by friendly obstacle efforts.
21	Percent	Of enemy engineering capability devoted toward enhancing enemy mobility and maneuver.
22	Percent	Of friendly capability devoted to conducting countermobility operations.
23	Percent	Of friendly fires systems used to emplace field artillery- and air-delivered obstacles.
24	Number	Of enemy main supply routes and LOCs interdicted by friendly obstacles.
25	Number	Of friendly and civilian casualties during the conduct of countermobility operations.

26	Number	Of available countermobility assets that are mission capable.
27	Number	Of potential enemy courses of action no longer feasible due to friendly countermobility efforts.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-2-2012	Provide Engineer Support for Countermobility Operations	05 - Engineers (Collective)	Company
05-6-0092	Plan Engineer Countermobility Operations	05 - Engineers (Collective)	Brigade
05-6-2000	Prepare an Obstacle Plan	05 - Engineers (Collective)	Brigade
07-6-6082	Conduct Countermobility Activities(Battalion - Brigade)	07 - Infantry (Collective)	Brigade
71-8-1700	Conduct Countermobility Operations (Division - Corps)	71 - Combined Arms (Collective)	Corps