

ART 1.6.1 Overcome Barriers, Obstacles, and Mines

Enable a force to maintain its mobility by reducing, bypassing, or clearing obstacles. An obstacle is any obstruction designed or employed to disrupt, fix, turn, or block the movement of an opposing force, and to impose additional losses in personnel, time, and equipment on the opposing force. Obstacles can be natural or man-made, or a combination of both. Naturally existing obstacles can include rivers, mountains, barrier reefs, and cities. Man-made or reinforcing obstacles can include minefields and antitank ditches. A complex obstacle is a combination of different types of individual obstacles that requires more than one reduction technique (explosive, mechanical, or manual) to create a lane through the obstacle. A reinforcing obstacle is an obstacle that is specifically constructed, emplaced, or detonated through military effort. (FM 3-90.12) (USAES)

NO.	Scale	Measure
01	Yes/No	Unit overcame obstacles and barriers by time specified in operation order.
02	Time	That enemy-emplaced obstacles delay friendly force movement.
03	Time	For staff to disseminate barrier, obstacle, and mine data to subordinate units, higher headquarters, and laterally after discovery.
04	Time	To conduct reconnaissance of obstacle focused on answering obstacle intelligence information requirements—obstacle location, length, width, and depth; obstacle composition (such as wire and mines by type); soil conditions; locations of lanes and bypasses; and the location of enemy direct fire systems.
05	Time	To conduct successful execution of breach fundamentals—suppress, obscure, secure, reduce, and assault—at the obstacle.
06	Time	To reduce lane through obstacles.
07	Time	To complete mine clearing.
08	Time	To move breaching equipment to breach site.
09	Time	To reduce underwater obstacles at crossing sites.
10	Percent	Of obstacles in the area of operations that have been breached.

11	Percent	Of breaching systems that are mission capable.
12	Number	Of breaching systems that are mission capable.
13	Number	Of friendly and neutral casualties caused by detonation of mines or explosives.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
05-2-3005	Conduct an Extraction From a Minefield	05 - Engineers (Collective)	Company
05-3-1003	Create a Lane Through an Obstacle Using Manual Techniques	05 - Engineers (Collective)	Platoon
05-3-1008	Conduct Minesweeping Operations	05 - Engineers (Collective)	Platoon
05-3-1015	Clear Obstacles Using Demolitions	05 - Engineers (Collective)	Platoon
05-3-1234	Cross a Defile (Mechanized)	05 - Engineers (Collective)	Platoon
05-4-0803	Erect an Expedient Lifting Device	05 - Engineers (Collective)	Squad
05-4-1702	Clear Explosive Hazard (EH) Using Demolitions	05 - Engineers (Collective)	Section
17-2-3070	Breach an Obstacle (Platoon-Company)	17 - Armor (Collective)	Company