



1. MISSION RELEVANCE

Robots need to keep up and keep going. A small unit must conduct dismounted operations, movement and maneuver, mobility operations, route clearance, reconnaissance, or resupply. Success in this challenge will:

- Demonstrate that the robot can travel the extended distance needed to accomplish these missions and
- Free up Soldiers to do other tasks.

Scenario - 4IBCT has been conducting operations in the province of Eastland for approximately a month and a half. These operations have been successful as 4IBCT, in conjunction with Eastland government forces, have defeated enemy forces in several key villages and towns allowing Eastland forces to regain control of government facilities and key infrastructure.

1-44 IN operating in AO MUSTANG, located east of the city of Columbus, recently defeated enemy forces in the towns of McKenna and Selby Hill and continues operations to control AO MUSTANG.

Enemy Forces - Enemy forces in AO MUSTANG lost significant personnel, arms, and equipment when they were defeated at the towns of McKenna and Selby Hill forcing them to exfiltrate north in an attempt to recruit additional forces, reorganize, rearm, and refit. While the bulk of enemy forces rearm and refit, team and squad sized elements continue to operate throughout AO MUSTANG conducting small scale attacks against Bn Lines of Communication (LOC) in order to disrupt friendly force freedom of maneuver. Additionally, attacks have been conducted against key infrastructure in towns and villages controlled by US or Eastland government forces in an attempt to demonstrate to the local population Eastland's inability to protect the population and facilities.

Friendly Forces - A/1-44 IN controls AO HAMMER IOT protect forces, populations, infrastructure and activities; deny the enemy positions of advantage; and consolidate gains. To accomplish this task, A Co has established Combat Outpost (COP) Falcon in the C1 area of AO HAMMER (see Slide 2 for location) and has been conducting aggressive squad sized patrols, area ambushes, and OPs throughout their AO for the last week. These actions are being conducted to hinder enemy freedom of maneuver, reduce enemy attacks against Bn LOCs, and limit enemy recruitment efforts in the area. Currently, A Co is conducting operations to resupply three of its dismounted squads operating in the C2 area but look to expand their patrolling efforts in the C4 and C3 areas. The suitability of the trail networks in them C3 and C4 areas for wheeled or tracked vehicle operations has not yet been determined.

A Company - A/1-44 IN controls AO HAMMER IOT protect forces, populations, infrastructure and activities; deny the enemy positions of advantage; and consolidate gains.

Technology Employment Concept - The suitability of the trail networks in the C3 and C4 areas for wheeled or tracked vehicle operations has not yet been determined. A Co will utilize robots to determine suitability of the trail networks in these areas for mounted operations. "Large" robots must navigate five circuits of ROUTE LONG SHOT to equate to 17.5 miles. "Small" robots must execute a circuit of 2.2 miles. Actual Start/Stop grid locations are to be determined.

