

2. MISSION RELEVANCE

Detect IEDs and know where they are. A small unit must conduct dismounted offensive, armed reconnaissance, and assault operations. Success in this challenge will:

- Demonstrate that the robot can detect Victim Operated Improvised Explosive Devices (VOIED) and their various trigger types passive IR, trip wire, pressure plate, and contact.
- Free up Soldiers to do other tasks and save Solder's lives.

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, continues operations to defeat enemy forces located vicinity of Ras-Al-McKenna.

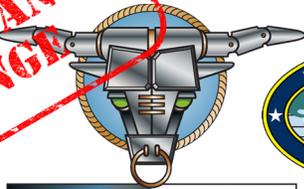
Enemy Forces - Because of its remote location, Ras-Al-McKenna has been a key location for enemy activity within AO MUSTANG. SAPA/SPF forces have used this village to rearm, refit, conduct training and recruit additional forces. Enemy forces have conducted an intensive IO campaign throughout this portion of AO MUSTANG and gained support of the local population. The local population regularly provides enemy forces with medical support and food in addition to providing a safe haven for enemy forces traveling throughout the area. Enemy forces have used Ras-Al-McKenna as a staging area for small scale attacks against Bn Lines of Communication (LOC) in order to disrupt friendly force freedom of maneuver.

Friendly Forces - Based on recent HUMINT reports that portions of Ras-Al-McKenna are being used to store weapons caches IED making materials, A/1-44 IN has been tasked to conduct a cordon and search of buildings B-1, B-2, and A-3 in Ras-Al-McKenna IOT deny the enemy the ability to refit and rearm for future operations. As part of the company's concept of operations to conduct the cordon and search, 1/1/A Co has been tasked with conducting a detailed search of Building B-2 which according to HUMINT reports is a possible cache site for IED making materials.

A Company - Conducts cordon and search at OBJ HAMMER (Ras-Al-McKenna – 16S GA 065 835) IOT deny the enemy the ability to rearm and refit for future combat operations.

Technology Employment Concept - In support of A Company's mission to conduct a cordon and search of Buildings B-1, B-2, and A-3 at OBJ HAMMER, 1st Squad, 1st Platoon has been tasked to conduct a search of Building B-2 IOT locate a suspecte enemy cache consisting of IED making materials. The building is suspected of being booby trapped to protect the IED making materials. Because of the likelihood of IEDs and other munitions in Building B-2, 1/1/A Co will employ a robot to conduct a reconnaissance of the building prior to Soldiers entering. The robot will detect and report locations of all suspected IEDs and munitions.

**RECONNAISSANCE
CHALLENGE**



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