

➤ Tactical Unmanned Ground Vehicle (TUGV)

DESCRIPTION

The Gladiator Tactical Unmanned Ground Vehicle will provide the MAGTF with a tele-operated/semi-autonomous ground vehicle for remote combat tasks in order to reduce risk and neutralize threats. The Gladiator is designed mainly to support dismounted infantry with unmanned scouting and reconnaissance, surveillance, and target acquisition across the spectrum of conflict and missions. Operating forward of GCE units, the Gladiator will perform scouting and reconnaissance tasks while permitting the operator to remain covered and concealed one to four kilometers away, thereby reducing the exposure of individual Marines to hostile enemy action. The Gladiator system will utilize a modular configuration and will be capable of employing the Anti-Personnel/Obstacle Breaching System (APOBS), the Automatic Chemical Agent Detection Alarm (ACADA), and direct fire weapons.

OPERATIONAL IMPACT

The Tactical Unmanned Ground Vehicle will increase MAGTF operational capabilities through its ability to perform remote combat tasks, thereby minimizing risk to individual Marines by eliminating or reducing their exposure to enemy fires. It will enhance the ability of tactical commanders and the MAGTF to rapidly detect, identify, locate, and neutralize a variety of threats to include enemy force activity, chemical and biological agents, and impassible terrain or unusable routes or roads. It will also provide real-time intelligence to tactical commanders, thus providing them with additional time and distance to effectively make decisions and execute plans maximizing the effects of combat power upon enemy vulnerabilities. TUGV can also dispense obscurants or non-lethal agents during MOUT operations.

PROGRAM STATUS

The program is undergoing concept and technology development.

PROCUREMENT PROFILE:

The Procurement Profile is under development.

DEVELOPER/MANUFACTURER

Developer: Unmanned Ground Vehicles/
Systems Joint Project Office

Prime contractor: TBD