



## URS MANNED & UNMANNED GROUND VEHICLES (UGV's)

### CONOPS: MOTHERSHIP CONCEPT FOR RAPID RECONNAISSANCE

The URS Unmanned / Manned Rover System (URS) is purposefully engineered for high-stakes frontline operations, focusing on crucial tasks like reconnaissance and Intelligence, Surveillance, and Reconnaissance (ISR) missions. Operators can efficiently navigate the URS to predetermined locations, showcasing its adaptability across various terrains. When faced with hazardous scenarios, such as landmines and sniper threats, the URS smoothly transitions to unmanned mode via a simple button press. This transition enhances operator safety by creating distance, allowing the unmanned SAND-X to carry out missions seamlessly. With speeds exceeding 120 km/h and support for a 350 kg payload, the URS excels in extreme terrains year-round, mitigating risks in high-threat environments.

The URS UGV serves as the mothership for the small INDRO Robot, facilitating last-meter reconnaissance missions in tunnels, confined spaces, and urban environments. The INDRO Robot is lightweight, remote-controlled, and capable of autonomous operation, with a communication range of up to 2500 feet. It can clear structures autonomously, climb stairs, carry up to 3 lbs, and withstand water and dust. This robot, deployed with the U.S. Special Forces, is a valuable reconnaissance tool, enhancing mission capabilities in challenging and confined settings.

