Robot hostage rescue.

The covert tactical information team has secured data about hostages that have been taken by terrorist group Yakinakini. You have been ordered to create a robot to rescue the hostages. You must design hardware and program your robot's controls because the location is too isolated for remote control. Your robot will be dropped outside the terrorist site by helicopter.

Task one – Enter the terrorist compound without being detected. Open the gate and move inside.

Task two – Turn the terrorist laser defense missiles against them. Push the laser so it is pointed at the barracks of the terrorists.

Task three - Take out communications tower so the guards cannot contact Yakinakini headquarters. Knock down the structure.

Task four – Use the light sensor to move forward along the black line until the ultra-sonic sensor is activated, knocking out the perimeter defense system.

Task five – Move up the ramp to the hostage location.

Task six – Grab the hostage.

Task seven – Move to the extraction location.

Task eight - Activate sound communication indicating to the Delta Force Team to retrieve the robot and hostage.

North

Terrorist Barracks

West

Hostage Location

East

Communications Tower

Laser

Extraction location

Front Gate –
slide door to
the East.

South