

The seal of the 811th Special Operations Squadron (MSOC 811(+)) is a circular emblem. It features a central shield with a red, white, and green vertical stripe and a gold eagle. To the left is a blue and white tree emblem, and to the right is a red and white emblem with a white figure. The text "MSOC 811(+)" is at the top, "OPERATION ENDURING FREEDOM XVII" is at the bottom, and "SPECIAL FORCES AIRBORNE" is on the left side.

SOF EMPLOYMENT OF ROBOTS

Major Andy Christian

Threat

- Improvised Explosive Devices (IEDs) are the leading cause of casualties among Coalition Forces (CF).
- Casualties caused by IEDs have increased tremendously in the last year.
- Victim Operated IED's (VOIEDs) are the most common method of attack.

C-IED Tools

- Electronic Counter Measures(ECM)- Thor backpack system
- Metal detectors
- Military Working Dogs(MWD)
- Lightest Robot-SUGV 310, OCU not shown



Why another robot

- Robots are a force multiplier
- EOD can't be everywhere to verify threat
- Gives the Operators immediate feedback on current IED threat
- Compliments C-IED tools
- Dismounted operations require a light weight CIED robot

Operational Use

- **Clearing Courtyards, Fences, Rooftops and Walled Compounds**
- **Clearing/Inspecting Rooms/Structures Prior To Entry**
- **Clearing Culverts**
- **Clearing Crawl Spaces**
- **Clearing Caves**
- **Securing Danger Areas or Entry Points**

Assault force deployment



Questions?