Chemical, Biological, Radiological, Nuclear Dismounted Reconnaissance Sets, Kits, and Outfits (CBRN DR SKO)

MISSION
Provides chemical, biological, radiological, and nuclear (CBRN) reconnaissance in confined spaces and terrain inaccessible by traditional CBRN reconnaissance mounted platforms/vehicles.

DESCRIPTION
The Chemical, Biological, Radiological, Nuclear (CBRN) Dismounted Reconnaissance Sets, Kits, and Outfits (DR SKO) system consists of commercial and government off-the-shelf equipment that provides personnel protection from CBRN hazards, as well as detection, identification, sample collection, decontamination, marking, and hazard reporting of CBRN threats. The system is composed of handheld, man-portable detectors that detect and identify potential Weapons of Mass Destruction (WMD) and/or WMD precursors and determine levels of protection required to assess a sensitive site. The system supports dismounted reconnaissance, surveillance, and CBRN site-assessment missions to enable more detailed CBRN information reports for commanders. These site locations may be enclosed or confined, and are therefore inaccessible by traditional CBRN reconnaissance-mounted platforms. CBRN site assessments help planners determine if more thorough analysis is required to mitigate risks or gather intelligence on adversaries’ chemical warfare agents, biological warfare agents, or toxic industrial material capabilities.

From 2008 to 2010, 27 DR SKO-like systems were fielded in support of Joint Urgent Operational Needs Statements (JUONS) to Central Command and the services.

SYSTEM INTERDEPENDENCIES
None

PROGRAM STATUS
- FY09: Approval to field to an additional eight JUONS systems to provide a total of 27 systems to be fielded under urgent materiel releases
- FY09-10: Continue JUONS fieldings
- FY10: Materiel development decision approval

PROJECTED ACTIVITIES
- FY10-11: DR SKO Milestone B decision
- FY12: Milestone C, low-rate initial production decision
Notional Equipment Set

- Sabre 4000
- CDS Kit
- Draeger Tubes
- Kestrel 4500
- AN/UDR-14 RADIAC
- Motorola XTS2500i
- AHURA First Defender
- HazMat ID
- Yanmar Generator 5.5kw
- QuickSilver Analytics (QSA) 102
- Individual Protective Equipment - Shower
- Protective Gear with JCAD
- XM32B CBRN Marking Kit
- IdentiFINDER
- Draeger AirBoss PSS 100 Plus
- Universal Pressure Kit
- MultiRae Plus
- HazMaster G3
- Bio Capture 650
- Collapsible Cart