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 CBRN Dismounted Reconnaissance Sets, Kits, and Outfits system will consist of commercial and government off-the-shelf equipment that will provide detection, identification, sample collection, decontamination, marking, and hazard reporting of CBRN threats, as well as personnel protection from CBRN hazards.

CBRN DR SKO 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 through 2012, 46 DR SKO-like systems were fielded in support of Joint Urgent Operational Needs Statements (JUONS) to U.S. Central Command and active Army units.

SYSTEM INTERDEPENDENCIES
None

PROGRAM STATUS
• Current: Developmental Testing

PROJECTED ACTIVITIES
• 1QFY13-2QFY13: Multi Service operational testing
• 4QFY13: Milestone C
• 4QFY13: Full-rate production decision
Notional Equipment Set

- Sabre 4000
- CDS Kit
- Draeger Tubes
- Kestrel 4500
- AN/UDR-14 RADIAC
- HazMat ID
- Yanman Generator 5.5kw
- QuickSilver Analytics (QSA) 102
- AHURA First Defender
- Motorola XTS2500i
- Protective Gear with JCAD
- Individual Protective Equipment - Shower
- XM328 CBRN Marking Kit
- IdentifINDER
- Universal Pressure Kit
- Draeger AirBoss PSS 100 Plus
- MultiRae Plus
- HazMaster G3
- Collapsible Cart
- Bio Capture 650

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FOREIGN MILITARY SALES
None

CONTRACTORS
FLIR Systems (Elkridge, MD)