

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

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

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

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

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

**Notional
Equipment Set**



Sabre 4000



CDS Kit
Draeger Tubes



IdentiFINDER



Dräger AirBoss
PSS 100 Plus



Universal
Pressure Kit



Kestrel
4500



AN/UDR-14
RADIAC



Motorola
XTS2500i



AHURA
First Defender



XM328
CBRN Marking Kit



Protective Gear
with JCAD



MultiRae Plus



HazMat ID



HazMaster G3



Yanmar Generator 5.5kw



QuickSilver
Analytics (QSA) 102



Individual Protective
Equipment - Shower



Collapsible
Cart



Bio Capture 650

FOREIGN MILITARY SALES

None

CONTRACTORS

ICx Technologies (Pittsburgh, PA)

