



M93A1/M93A1P1/M93A1P2 Fox NBC Reconnaissance System

Fox NBCRS

Description

The M93 Series Fox NBCRS is a dedicated system of nuclear and chemical sampling, detection and warning equipment, and biological sampling equipment integrated into a high speed, high mobility, six wheeled armored vehicle. It is capable of performing nuclear, biological and chemical (NBC) reconnaissance on primary, secondary, or cross-country routes throughout the battlefield. The M93A1 is the Block 1 improvement of the M93 Fox NBCRS Interim System to meet all of the requirements of the approved Required Operations Capability (ROC) and reduce the crew size from four to three. It is capable of detecting chemical contamination in its immediate environment through point detection and at a distance through the use of a standoff detector (M21 Chemical Agent Detector Alarm). The CBRN Processing Group (CPG) automatically integrates contamination information from detectors with input from on-board navigation and meteorological systems and automatically transmits digital NBC warning messages through the Force XXI Battle Command, Brigade and Below (FBCB2) to warn follow-on forces. The M93A1P1 and M93A1P2 are up-armored variants of the Fox that provide enhanced protection against Improvised Explosive Devices (IED) and Rocket Propelled Grenades (RPG) originally needed to support Operation Iraqi Freedom. The M93A1P1 and M93A1P2 have an upgraded weapon system employing the XM 153 Common Remotely Operated Weapon Station (CROWS).



Mission

Perform NBC Reconnaissance. Find, identify, map, mark and report NBC contamination on the battlefield.

Capabilities

Users

US Army

Status

Sustainment

This Fact Sheet was cleared for public release on 2/12/2013.

Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@us.army.mil,
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919