



M93A1P1 Fox NBC Reconnaissance System

Fox NBCRS M93A1P1

Description

The M93A1P1 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 crosscountry routes throughout the battlefield. 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), using a Panasonic CF19 as the processing unit, automatically integrates contamination information from detectors with input from onboard navigation and meteorological systems and automatically transmits digital NBC warning messages through the Force XXI Battle Command, Bigade and Below (FBCB2) to warn followon forces. The M93A1P1 is an uparmored variant of the Fox that provides enhanced protection against Improvised Explosive Devices (IED) and Rocket Propelled Grenades (RPG) originally needed to support Operation Iraqi Freedom. The weapon system on the M93A1P1 employs 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

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