



DUTY  
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MINNESOTA  
NATIONAL GUARD  
ESTABLISHED 1856

RESPECT  
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## NUCLEAR, BIOLOGICAL & CHEMICAL RECONNAISSANCE SYSTEM M93 / M93A1

### ***Mission***

To detect, identify, and mark areas of nuclear and chemical contamination; sample soil, water, and vegetation for nuclear, biological, and chemical (NBC) contamination; and report accurate information to supported commanders in real time

### ***Entered Army Service***

1998

### ***Description and Specifications***

The M93A1 is a fully integrated NBC reconnaissance system with a dedicated system of NBC detection, warning, and sampling equipment integrated into a six-wheeled, all-wheel-drive armored vehicle. This system is also referred to as the "Fox NBC Reconnaissance System." Originally developed by the Germans for use by their military, the U.S. requirement for the Fox system was generated in the late 1980s in response to a perceived need to quickly field a chemical reconnaissance vehicle to U.S. forces in Europe.



#### ***System Characteristics:***

<b><i>Weight:</i></b>	17 tons
<b><i>Length:</i></b>	22.25 ft
<b><i>Height:</i></b>	8.1 ft
<b><i>Max Speed:</i></b>	65 mph on the road
<b><i>Powerplant:</i></b>	Mercedes-Benz OM 402A V-8 diesel
<b><i>Horsepower:</i></b>	320 hp
<b><i>Crew:</i></b>	3
<b><i>Basis of Issue:</i></b>	6 per recon platoon (1 platoon per heavy division); 6 per ACR; 1 per separate brigade; additional assets at Corps level

*Information courtesy [Army.mil](http://Army.mil)*

### ***Manufacturer***

General Dynamics Land Systems, Henschel Wehrtechnik (Germany)

FOR MORE INFORMATION, CONTACT: Minnesota National Guard Public Affairs at [public.affairs@mn.ngb.army.mil](mailto:public.affairs@mn.ngb.army.mil) or go to [www.MinnesotaNationalGuard.org/press\\_room/fact\\_sheets/military\\_equipment.php](http://www.MinnesotaNationalGuard.org/press_room/fact_sheets/military_equipment.php) for a list of equipment used by the Minnesota National Guard.