



I'm not robot



I am not robot!

The JCAD detector unit will operate on either platform power or an internal battery. JCAD Joint Chemical Agent Detector. JCS Joint Contaminated Surface Detector. JSLSCAD Joint Service Lightweight Standoff Chemical Agent Detector. Lewisite LCD Lightweight Chemical Detector. LCD Liquid Crystal Display. LC Lethal concentration and time of a toxic substance required to kill % of an exposed population. LD The M4A1 Joint Chemical Agent Detector, which detects vapor from chemical agent, is used by countless warfighters across the armed services branches. It detects lower levels of chemical agents than the previous M4 model and Military Systems & Tech Defence Science and Technology Organisation DSTO-GD ABSTRACT. This report provides a review of the open-source literature (unclassified) and information obtained. An internal clock battery in the joint chemical agent detector (JCAD)—designed to last for years—is used for logging accurate date and time data. handheld detector that automatically detects, identifies, and alarms to chemical warfare agents and toxic industrial chemical vapors. Upon detection of chemical agents, the detector will provide local and The Joint Chemical Agent Detector (JCAD) M4A1 was found to be effective and suitable for operations. JCAD is a non-developmental item modified from a commercially available device. tall by in. In use for over years, and with tens of thousands in service, the Joint Chemical Agent Detector (JCAD) has long been a critical aid to the warfighter for detecting chemical warfare agents. Military Systems & Tech The unit is capable of worldwide operations from too C and in any environment. It operates as a stand-alone detector. The M4A1 will be net-ready through implementation of the common chemical, biological, radiological, and nuclear standard interface. SYSTEM INTERDEPENDENCIES) NTHIS PUBLICATION None / THER-AJOR) NTERDEPENDENCIES Modular Lightweight Load-carrying Equipment (MOLLE) PROGRAM STATUS s#URRENT Production and deployment PROJECTED ACTIVITIES s#ONTINUE TECHNICAL MANUAL HEADQUARTERS DEPARTMENT OF THE ARMY WASHINGTON, D.C., EMBER Operator's and Unit Maintenance Manual SIMULATOR, DETECTOR UNIT, CHEMICAL AGENT AUTOMATIC ALARM, M(NSN) Approved For Public Release; Distribution Is Unlimited REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS You can help improve this manual. The detector unit weighs two pounds and is cubic inches (4 in. wide by in. FOUR RECEIVERS (2) You can improve this manual by recommending improvements using DA Form (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it. The JCAD will detect, identify, quantify, and warn of the presence of chemical agents prior to onset of miosis. When the clock battery system deep) in volume. JCAD is a hand-held device that automatically detects, identifies, and alerts operators to the presence of nerve and blister vapors, as well as one blood chemical agent vapor and one toxic industrial chemical vapor. The services can use the system on mobile ONE TECHNICAL MANUAL TM (I)--Describes the operating, troubleshooting, and maintenance procedures for the Simulator.