

Preface

The continued proliferation of weapons of mass destruction requires that today's and tomorrow's force projection Army be prepared to encounter nuclear, biological, or chemical weapons. The M93-series NBC reconnaissance system (NBCRS) provides a capability to execute contamination avoidance. If units can avoid contamination, then the need to operate in protective equipment or conduct decontamination is unnecessary. Through proper employment the M93-series NBCRS provides the battlefield commander with an advantage over the effects of weapons of mass destruction.

This publication describes the tactics, techniques, and procedures (TTP) for the platoon and squad equipped with the FOX NBC reconnaissance system (NBCRS). Both versions of the FOX - the interim (M93) and the system improved version (M93A1) - are discussed in this manual.

This manual is oriented to the platoon and squad leader and complements FM 3-19, *NBC Reconnaissance*.

What should you get out of reading this manual? You should learn and understand the organization, mission, and function of NBC reconnaissance platoons and squads. This manual presents a thorough discussion of NBC reconnaissance TTP, particularly movement, and surveillance, search, survey, and sampling techniques. Finally, this manual discusses how to integrate the platoon or squad equipped with the M93-series FOX NBCRS into offensive, defensive, and other tactical operations.

NBC reconnaissance is the active contamination avoidance measure that provides commanders with information on NBC hazards in the area of operations. The FOX's ability to move on the battlefield and rapidly detect and identify chemical agents provide a quantum improvement in performing NBC reconnaissance.

The M93-series FOX NBCRS does not have the capability to detect or identify biological agents. The FOX can collect possible samples of biological agents in known biologically contaminated areas.

The employment of the M21 remote sensing chemical agent alarm (RSCAAL) is discussed. The M21 RSCAAL is an integral component of the M93A1 FOX and can be operated from the vehicle or dismounted, as the situation dictates.

By understanding the technical capability of the FOX and applying the appropriate TTP, NBC reconnaissance leaders can directly contribute to the protection of the force. This manual provides general guidance, but judgement must be used in application after considering each situation.

This manual is the handbook for leaders of FOX equipped platoons and squads to use in accomplishing those tasks. However, judgement must be used in the application of any tactic, technique, or procedure, after careful consideration of the situation.

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This manual does not implement any international standardization agreements; however, the material within the manual is in accordance with related international agreements.

The proponent of this publication is the US Army Chemical School. Send comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Commandant, US Army Chemical School, ATTN: ATZN-CM-FNB, Fort McClellan, AL 36205-5020.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.