
DEPARTMENT OF THE ARMY SUPPLY BULLETIN

MINE, ANTIPERSONNEL: M18A1 AND ACCESSORIES
AMMUNITION SURVEILLANCE PROCEDURES

Headquarters, Department of the Army, Washington, DC

29 September 1982

SB 742-1345-94-521, 20 March 1981, is changed follows:

Page 2, paragraph 9. Subparagraph *b* is superseded follows:

b. Unscrew the shipping plug priming adapt' Hold the M4 blasting cap while unwinding approximately three meters of the firing wire. Secure firing wire to a stake located about one meter behind the mine with a half hitch knot so that a pull on the firing wire will not dislodge the prepositioned mine. Slide the slotted end of the shipping

lug priming adapter onto the firing wires of the blasting cap between the crimped connections and the blasting cap, making certain that the combination shorting plug and dust cover are assembled to the connector of the blasting cap assembly before placing the blasting cap in the detonator well. Unwind the remaining firing wire to the firing position. The firing position (inside the personnel protection shelter, APE 1937, with the operational shield, APE 1920, installed) must be a minimum of 25 meters to the rear of the mine as a safety precaution against secondary missiles. Continuity test and firing will be conducted from inside AP 1937.

By Order of the Secretary of the Army:

Official:

E. C. MEYER
General, United States Army
Chief of Staff

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Major General, United States Army
The Adjutant General

To be distributed in accordance with DA Form 12-34B, Ammunition Handling Transportation and Storage.

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1. Purpose and Scope. This bulletin when used conjunction with SB 742-1 provides a method for determining the serviceability of the subject item. The bulletin is to be used in the assessment of t serviceability of individual mines only. The provisions of this bulletin are mandatory for use by Department of the Army organizations with CONUS and OCONUS with a receipt, storage, al distribution mission. This bulletin is not intend for use by organizations with stocks in basic load Additional information pertaining to frequency test, sample selection, defect standards, reports and records are contained in SB 742-1.

2. Errors. Omissions and Recommended Changes. Reporting of errors, omissions and recommendations for improving this bulletin by the individual user is authorized and encouraged. D Form 2028 (Recommended Changes to Publications and Blank Forms) will be completed are forwarded to Commander, ARRCOM, ATT! DRSAR-QAS, Rock Island, IL 61299.

3. Safety. The surveillance function testing must 1 conducted in accordance with the provisions s forth in appropriate safety regulations and implementing instructions, with special attention d voted to technical manuals describing the item

4. Personnel. Function testing will be conducted under the supervision of a Quality-Assurance Specialist (Ammunition Surveillance) herein after referred to as QASAS.

5. Size of Sample. The number of mines and accessories required to make up a representative sample from a lot for surveillance function test is as follows:
For check investigations - as directed
For classification investigation - 40
For confirmation investigation - as directed

6. Sample Selection. Sample mine units (mine with accessories in the bandoleer) will be selected in accordance with the provisions of SB 742-1 with the exception that not more than four bandoleers may be selected from any one box. In addition, ten of the bandoleers selected should be those containing the M40 test set.

7. Surveillance Test Equipment. The following Ammunition Peculiar Equipment (APE) is to be used in testing the mines in accordance with the procedures described herein.
APE 1920 Shield, Operational
AP 1937 Shelter, Personnel Protection
APE 1938 Chamber, Low Temperature

*This bulletin supersedes SB 742-1345-94-458, 29 July 1980