

D E P A R T M E N T O F T H E A R M Y S U P P L Y
B U L L E T I N

**DOCUMENT DESTROYER, EMERGENCY
INCENDIARY, M3
AMMUNITION SURVEILLANCE PROCEDURE**

Headquarters, Department of the Army Washington, DC
6 March 1975

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1. Purpose and Scope. a. Purpose. This bulletin when used in conjunction with Supply Bulletin SB 742-1 provides the method of determining the serviceability of the Document Destroyer, Emergency, Incendiary, M3.

b. **Scope** The provisions of this bulletin are mandatory for use in conducting depot surveillance on the Document Destroyer, Emergency, Incendiary, M3, DODAC 1375-M605. This bulletin is not intended for use by organizations with stocks in basic loads.

2. Applicable Documents. The following Government documents referenced herein form a part of this bulletin to the extent specified.

Supply Bulletins		
SB 742-1	Ammunition Surveillance Procedures	
Technical Manuals		
TM 38-750	The Army Maintenance Management System.	
TM 743-200	Storage and Materials Handling.	
TM 743-200-1	Storage and Materials Handling.	
TM 9-1300-206	Ammunition and Explosives Standards	

3. Safety Provisions. The surveillance inspection and function testing must be conducted in accordance

with the provisions set forth in TM 9-1300-206, appropriate safety regulations and implementing Instructions.

4. Surveillance a. Surveillance interval.

(1) *Initial Receipt and Receipt Inspection (RI) Inspection.* Initial receipt and receipt inspection will be conducted in accordance with Supply Bulletin SB 742-1.

(2) *Periodic Inspection (P1).* Periodic inspection will be conducted at the interval specified in SB 742-1 for this category of ammunition

(3) *Pressure Inspection (PII).* Pressure inspection of the subject Item will be performed in accordance with SB 742-1 except that should one half or less of the periodic cycle remain, a visual examination will be performed for defects listed in SB 742-1 and this bulletin.

(4) *Surveillance Function Test (SFT).* Functional test intervals will be as determined under the Centralized Control Program managed by US Army Armament Command.

b. *Basis of surveillance.* Surveillance for the subject item will be conducted on the basis of manufacturer's lots and/or miscellaneous lots

c. *Formation of surveillance lots*

(1) *Manufacturer's lot.* A manufacturer's lot consists of those items manufactured or assembled by one manufacturing or reconditioning activity and bearing the same manufacturing or reconditioning

*This bulletin supersedes SB 330-74, 11 April 1962

agency's lot identification number The manufacturer's lot must meet the following criteria

(a) *Packing.* All items must have the same type packing and Identification marking.

(b) *Serviceability lot status.* All lots must possess the same serviceability lot status, i e, serviceability known (based upon prior surveillance) or serviceability unknown However, when new procurement is Involved, serviceability will be based upon acceptance inspection m lieu of prior surveillance

(2) *Miscellaneous lot.* A miscellaneous lot containing not more than 500 Document Destroyers will be created by combining small manufacturer's lots or lot fragments possessing the same technical history (indicated by the same lot series number) The miscellaneous lot must meet the following criteria

(a) *Kind, type, and model.* All items must be of the same kind, type, and model; Document Destroyer, Emergency, Incendiary, M3

(b) *Manufacturer.* Each small lot or lot fragments must be the product of the same manufacturing or reconditioning agency

(c) *Packing.* All items must have the same type packing and identification marking

(d) *Serviceability lot status.* All items must possess the same serviceability lot status; i e, serviceability known (based upon prior surveillance) or serviceability unknown However, when new procurement is involved, serviceability will be based upon acceptance inspection in lieu of prior surveillance.

d. *Sampling.* Sampling will be conducted as follows
 (1) *Containers.* A sample quantity of containers will be 1 randomly selected as indicated in table 1 and a visual examination will be performed for packaging, packing, marking, and preservation as specified In SB 742-1

(2) *End item.*

(a) *Visual examination.*

1. *Document Destroyers without Igniters* (NSN 1375-00-542-0090) From the sample obtained in (1) above, a sample quantity of Document Destroyers will be randomly selected as indicated In table 1 and subjected to visual examination

2. *Document Destroyers with Igniters* (NSN 1375-00-529-8004) From the sample obtained in (1) above a sample quantity of Document Destroyers and Ignites will be randomly selected as indicated in table 1 and table 2 respectively and subjected to a visual inspection

(b) *Functional test.* As directed by US Army Armament Command, a sample quantity of Ignites s, M25 will be randomly selected as indicated in table 2 for functional testing In order to maintain lot integrity, two Igniters shall be taken from each Document Destroyer until the required sample size is acquired

Table 1. Sampling Plan, Document Destroyer, M3

Lot Size	1	2	3	4	5	6	7
Up to 1, 000	38*	1	5	38	76	2	13
1001 and over.....	51	2	8	51	102	3	18

Explanation of Columns and Symbols
 Column

- 1 First sample size - visual
- 2 Acceptance number - major defectives (first sample)
- 3 Acceptance number - minor defectives (first sample)
- 4 Second sample size - visual
- 5 Acceptance number - major defectives (combined sample)
- 6 Combined sample size - visual
- 7 Acceptance number - minor defectives (combined sample)

Symbol

* Where sample size exceeds lot size, do 100% inspection

*Table 2. Sampling Plan, Ignitors, M25
(When Applicable)*

Lot Size	1	2	3	4	5	6	7	8	9
Up to 1000	38*	1	5	38	76	2	13	24	0
1001 and over.....	51	2	8	51	102	3	18	24	0

Explanation of Columns and Symbols

- Column 1 First sample size - visual.
- 2 Acceptance number - major defective (first sample)
- 3 Acceptance number - minor defective (first sample)
- 4 Second sample size - visual.
- 5 Combined sample size - visual
- 6 Acceptance number - major defectives (combined samples)
- 7 Acceptance number - minor defectives (combined samples)
- 8 Sample size - test.
- 9 Acceptance number - test

Symbol

* When sample size exceeds lot size, do 100% inspection.

(c) *Second sample size.* When the number of major defectives exceeds the quantity specified in column 2, but does not exceed the quantity specified in column 6, a second sample equal in size to that specified in column 4, shall be taken, and the acceptance number specified in column 6 will be used for acceptance. A second sample is not taken for a minor defect. When the number of minor defectives exceeds that of column 3, but does not exceed that of column 7 the lot will be considered serviceable. However, should a second sample be required due to major defectives, the minor defectives will be counted and reported in accordance with paragraph 7. Column 7 will be the acceptance number for minor defectives.

(d) *Combined sample size.* When the surveillance interval has been exceeded by 25 percent, or when the date of the last visual inspection is unknown, the combined sample plan specified in columns 6, 6, and 7 of table 1 or table 2 will be used.

5. Inspection. *a Visual examination.* The sample will be examined for defects listed in the classification of defects of this bulletin and SB 742-1. Refer to tables 3 and 4 of this bulletin and SB 742-1 for classification of defects. Defects other than those listed in these tables or SB 742-1 will be fully described and reported with recommended classification given. Serviceability will be withheld pending investigation by Commander, Edgewood Arsenal ATTN SAREAPA-PG, Aberdeen Proving Ground, MD 21010 to determine proper defect category into which the unlisted defect belongs.

b. Functional testing. Functional testing will be accomplished under the Centralized Control Program managed by the US Army Armament Command (ARMCOM), AMSAR-QAS, Rock Island, IL 61201 in accordance with SB 742-1 and this bulletin.

(1) Classification of defects. Refer to table 4 for classification of defects.

(2) Testing. Testing shall be conducted in accordance with paragraph 6 of this bulletin.

NOTE

Only document destroyers with Ignitors (NSN 1375-00-529-8004) require functional testing.

c. Packaging, packing, marking, and preservation. The sample will be examined for packaging, packing, marking, and preservation defects specified in SB 742-1.

Table 3. Document Destroyer, Emergency, Indenciary, M3

Categories	Defects	Inspection Methods
Critical:	As defined in SB 742-1	Visual
Major:		
101	Oxidizing agent missing	Visual
102	Igniter charge missing	Visual
Others:	As defined in SB 742-1	Visual
Minor:		
201	Instruction card missing or illegible	Visual
202	Retaining wire missing	Visual
203	Lead seal broken or missing	Visual
204	Screen missing	visual
205	Oxidizing agent bag open or torn	Visual
Others:	As defined in SB 742-1	Visual

Table 4. Igniter; Document, Destroyer, Indenciary, M25

WARNING

The fuel chamber of the igniter is filled with thickened kerosene, a highly flammable fuel. Should leaking igniters be encountered during visual examination immediately place the leaking igniter in a

leak-proof container, remove to a safe location and dispose of as specified in approved standing operating procedures.

DA Form 2028 in Materiel (See SB 742-1).
 -Recommended Changes to DA Publications
 DA Form 2415 -Ammunition Condition Report.

Categories	Defects	Inspection Methods
Critical:		
1	Safety pin missing	Visual
2	Safety pin not spread	Visual
Others:	As defined in SB 742-1	Visual
Major:		
103	Incomplete burner	Test
104	Tape missing	Visual
105	Tape loose does not seal holes	Visual
106	Fuel chamber leakage	Visual
Others:	As defined in SB 742-1	Visual
Minor:	As defined In SB 742-1	Visual

b. *Reporting*
 (1) *Data*. Forms specified in a above will be prepared in accordance with instructions contained m SB 742-1 and TM 38-750.

(2) *Submission*. An original and two copies of reports that are required by this document will be forwarded to the Commander, US Army Armament Command, ATTN' AMSAR-QAS, Rock Island, IL 61201

(3) *Critical defects report*. When a critical defect is found, it will be reported immediately to the Commander, US Army Armament Command, ATTN: AMSAR-QAS, Rock Island, IL 61201. The incident will be reported via teletype or telephone. Follow up by letter stating the nomenclature, the lot number of the item involved and the defect encountered.

6. Functional Test. Igniter, Document Destroyer, Incendiary, M25

WARNING

Due to the burning characteristic of the igniter, this test must be conducted in a well ventilated area away from all explosives, combustible fumes, or combustible material. When possible the test should be conducted at an open air test site Adequate fire fighting equipment must be readily available. Personnel functioning the igniter or examining the burned residue should wear asbestos gloves. When a dud occurs a waiting period of not less than fifteen (15) minutes will be observed before recovery The item will be placed in a safe location and disposed of as specified in approved standing operating procedures.

a. *Requirements*. The igniter, excluding the metal parts, shall completely burn when tested.

b. *Equipment required*. No special equipment required

c. *Procedure*. Assure that the igniter safety pin is in place, then remove the tape from the safety lever and the vent holes Place the igniter in a suitable holding fixture. Attach a lanyard to the safety pin and remotely function the igniter by pulling the lanyard After burning is complete allow five minutes for cooling, then examine residue for completeness of burning

7. Documentation. a Report Forms When reporting data, the following forms will be used

- DA Form 984 -Munitions Surveillance Report
 (See SB 742-1.)
- DA Form 985 -Data Sheet for Grand Lots,
 Miscellaneous Lots or Depot Lots
 (See SB 742-1)
- DD Form 1686 -Report of Deficiencies Found

8. Special Instructions. a. *Critical defects*. Lots(2) containing a critical defect will be immediately suspended from issue and use.

b. *Malfunctioning igniter*. When it can be determined, record the cause of any malfunctioning igniter on DA Form 984.

c. *Sample disposition*.

(1) *Serviceable igniters*. Upon completion of inspection, serviceable igniters shall be repacked in serviceable containers and then resealed in accordance with instructions contained in SB 742-1 for resealing hermetically sealed containers Document Destroyer drums containing resealed igniter containers will be identified for future surveillance inspection.

(2) *Serviceable Document Destroyers*. (Originally with Igniters but due to destructive testing of Igniters are now without Igniters). Upon completion of the destructive testing of igniters, the quantity of remaining serviceable Document Destroyers without igniters will be reported to and disposition requested of, Commander, US Army Armament Command, ATTN AMSAR-QAS, Rock Island, IL 61201

d. *Equipment calibration*. See SB 7421

e. *Errors or omissions*. Comments regarding errors or omissions will be forwarded on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to Commander, Edgewood Arsenal, ATTN SAREA-PA-PQ, Aberdeen Proving Ground, MD 21010, and an information copy to the Commander, US Army Armament Command, ATTN. AMSAR-QAS, Rock Island, IL 61201.

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