

SECURITY CLASSIFICATION OF THIS REPORT

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		PROGRAM ELEMENT NO.	PROJECT NO.
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12. PERSONAL AUTHOR(S) Anthony D'Angelo			
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17. COSATI CODES		18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number) Performance Oriented Packaging, POP, M257 Warhead Wood Box	
FIELD	GROUP		
19. ABSTRACT (Continue on reverse if necessary and identify by block number) This report contains the testing and test results performed on the M257 flare warhead (packed 3 warheads and 3 motors).			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>DTIC FILED NOV 23 1990 D^{CO} D</p> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>DISTRIBUTION STATEMENT A Approved for public release Distribution Unlimited</p> </div> </div>			
20. DISTRIBUTION / AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS		21. ABSTRACT SECURITY CLASSIFICATION Unclassified	
22a. NAME OF RESPONSIBLE INDIVIDUAL Anthony D'Angelo		22b. TELEPHONE (Include Area Code) 201-724-4976	22c. OFFICE SYMBOL SMCAR-AEP

1. DATA:

Container:

Type: Container, Wood
 UN Code: 4C1
 Nomenclature: Box, Ammunition Packing: Wood, Nailed
 Specification Number: MIL-B-2427
 Drawing Number: 9357963
 Material: Wood
 Capacity: 37.1 kg (81 lbs)
 Dimensions: 122.1 cm x 31.1 cm x 20.6 cm (48 1/16 in. x 12 1/4 in. x 9 3/8 in.)
 Gross Weight: 61.4 kg (135 lbs)

Product:

Name: Rocket Flare M257 with MK66 Motor
 Drawing Number: 12624792
 United Nations Number: 0254
 United Nations Packing Group: II
 Physical State: Solid
 Amount per Container: 3 Rockets & 3 Motors

2. BACKGROUND:

This report contains the testing and test results performed on the M257 Flare Warhead with MK66 motors. The wood box (PN 9357963) will pack 3 warheads and 3 motors in accordance with drawing no. 12624792. Test were performed in accordance with Performance Oriented Packaging test regulations.

3. TEST:

Boxes were dropped once each from 1.2 meters (4 feet). The boxes were dropped on a 3 inch solid steel plate reinforced by 18 inches of crushed rock in 5 different orientations. The orientations were as follows:

Bottom	
Top	Statement "A" per telecon Anthony
Side, long	D'Anegelo. U.S.Army Armament Research,
Side, short	Development and Engineering Center/SMCAR-
Bottom corners	AEP. Bldg. 455. Picatinny Arsenal, NJ
	07806-5000. VHG 11/21/90

All drops were conducted at ambient temperature.

4. RESULTS:

The containers passed all tests since none of the contents were discharged. They are considered safe for international transportation in accordance with Performance Oriented Packaging regulations.

5. REFERENCED MATERIAL:

A. United Nations, "Transport of Dangerous Goods," 6th Edition.

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