



# SPECIAL PACKAGING INSTRUCTION

CODE ID  
98747

SPI NO. (TPD)  
F01-052-8207

ITEM NOMENCLATURE  
CARTRIDGE, IMPULSE

SHEET 2 OF 4

## *MUNITION NOTICES*

NOTICE 1: CLASS 1 (EXPLOSIVE) MATERIAL OWNED BY THE DEPARTMENT OF DEFENSE (DOD) PACKAGED PRIOR TO JANUARY 1, 1990 IN ACCORDANCE WITH THE PACKAGING REQUIREMENTS IN EFFECT AT THAT TIME ARE EXCEPTED FROM THE REQUIREMENTS OF PERFORMANCE ORIENTED PACKAGING (POP) PROVIDED THE PACKAGINGS HAVE MAINTAINED THEIR INTEGRITY AND THE GOODS ARE DECLARED AS GOVERNMENT OWNED GOODS PACKAGED PRIOR TO JANUARY 1, 1990. THIS CLAUSE DOES NOT APPLY TO COMMERCIAL AIR SHIPMENTS. (REF DLAD 4145.41/AFJI 24-210.)

NOTICE 2: FOR LEVEL A PACKING REQUIREMENTS: THE LEVEL B PACKS SHALL BE OVERBOXED IN A LEVEL A SPECIFIED CONTAINER SHOWN ON PAGE 1 UNDER PACKAGING LEVEL A. MARK THE OUTSIDE OF THE OVERBOX "OVERPACK." THE SIZE AND WEIGHT OF THE OVERBOX WILL VARY DEPENDING ON THE NUMBER OF ITEMS BEING SHIPPED. USE FILLER PAD OF ASTM-D4727, CF, DOM, GR 275 (OR EQUAL) TO ENSURE A TIGHT FIT IN THE OVERBOX.

NOTICE 3: VARIATIONS TO THE PACKAGING REQUIREMENTS OF THE SPI ARE AUTHORIZED IN ACCORDANCE WITH TITLE 49 CFR 178.601(G)(4), VARIATION 4.

NOTICE 4: ASSETS PACKAGED IN ACCORDANCE WITH PREVIOUS EDITIONS OF THIS SPI DO NOT REQUIRE REPACKAGING IF THE INTEGRITY OF THE SPI IS MAINTAINED.

NOTICE 5: SEE SPIRES FOR A COMPLETE LISTING OF NSN'S ASSIGNED TO THIS SPI.

NOTICE 6: THIS SPI IS NOT AUTHORIZED FOR USE WITHOUT PROPER HAZARD CLASSIFICATION. UNLESS A FINAL HAZARD CLASSIFICATION HAS BEEN ISSUED, A COPY OF THE VALID INTERIM HAZARD CLASSIFICATION LETTER MUST ACCOMPANY EACH SHIPMENT.

NOTICE 7: FMS OR OVERSEAS SHIPMENTS MUST MEET LEVEL A PACKAGING REQUIREMENTS.

## *INTERNATIONAL STANDARDS FOR PHYTOSANITARY MEASURES*

### *REVISION OF ISPM NO. 15*

### *REVISION OF WOOD PACKAGING MATERIAL FOR INTERNATIONAL TRADE*

THE FOLLOWING STATEMENT IS IN COMPLIANCE WITH THE UNITED NATIONS-IMPLEMENTED RESTRICTIONS ON WOOD PACKAGING MATERIAL (WPM). THIS REQUIREMENT IS SPECIFICALLY CONCERNED WITH INVASIVE SPECIES SUCH AS THE PINEWOOD NEMATODE. WPM IS DEFINED AS WOOD PALLETS, SKIDS, LOAD BOARDS, PALLET COLLARS, WOODEN BOXES, REELS, DUNNAGE, CRATES, FRAMES, AND CLEATS. THE STATEMENT BELOW CITES THE REQUIREMENTS IN DETAIL AND COVERS LUMBER FOR BUILDING CONTAINERS AND PALLETS USED FOR DELIVERIES, RESULTING IN SHIPMENTS WORLDWIDE (DIRECT, OR THROUGH AIR LOGISTICS CENTERS (ALC), CONTAINER CONSOLIDATION POINTS (CCP), OR OTHER BASES).

#### WOODEN LUMBER, WOODEN PALLET AND PACKAGING/CONTAINER STATEMENT:

ALL WOODEN LUMBER, WOODEN PALLETS, AND WOODEN CONTAINERS PRODUCED ENTIRELY OR IN PART OF WOOD PACKAGING MATERIAL (WPM) SHALL BE CONSTRUCTED FROM DEBARKED WOOD IN ADDITION TO THE APPLICATION OF HEAT-TREATED (HT) MATERIAL (HT TO 56 DEGREES CENTIGRADE OR 133 DEGREES FAHRENHEIT FOR 30 MINUTES). CERTIFICATION/MARKING IS REQUIRED BY AN ACCREDITED AGENCY RECOGNIZED BY THE AMERICAN LUMBER STANDARDS COMMITTEE (ALSC). FOR REFERENCE DOCUMENTATION, SEE LATEST REVISION OF "INTERNATIONAL STANDARDS FOR PHYTOSANITARY MEASURES (ISPM NO. 15), "REGULATION OF WOOD PACKAGING MATERIAL IN INTERNATIONAL TRADE."

## *NOTES*

1. WRAP ITEM IN REF.-3, PLACE WRAPPED ITEM IN BARRIER BAG, REF.-4, REMOVE AIR AND SEAL.
2. CUSHION BAGGED ITEM WITH REF.-2, PLACE IN CARTON, REF.-1, USE ADDITIONAL CUSHIONING TO PREVENT MOVEMENT.
3. MAY PLACE UP TO 30 ITEMS IN SHIPPING CONTAINER.

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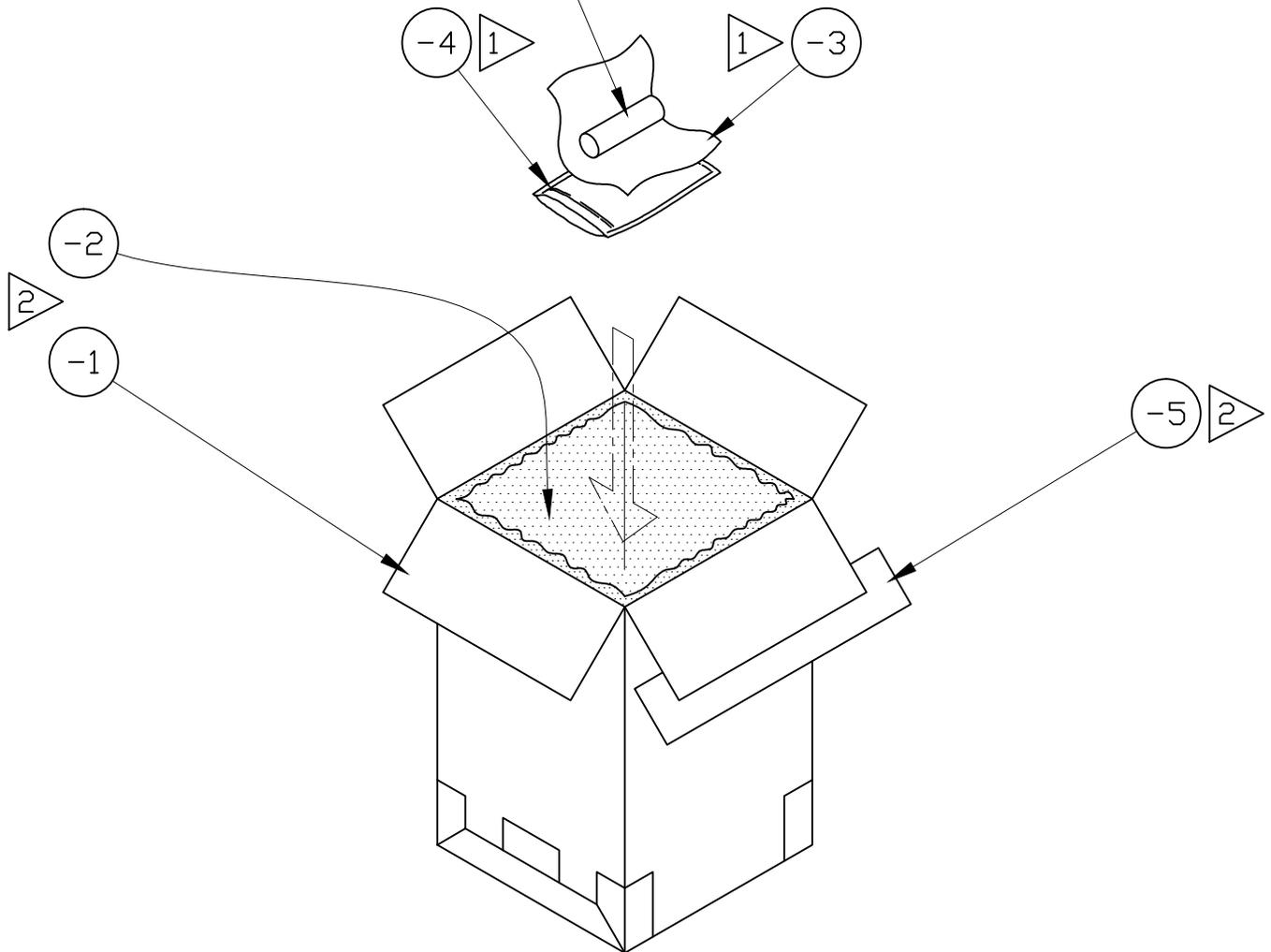
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ITEM NOMENCLATURE  
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SHEET 3 OF 4

ITEM REFERENCE



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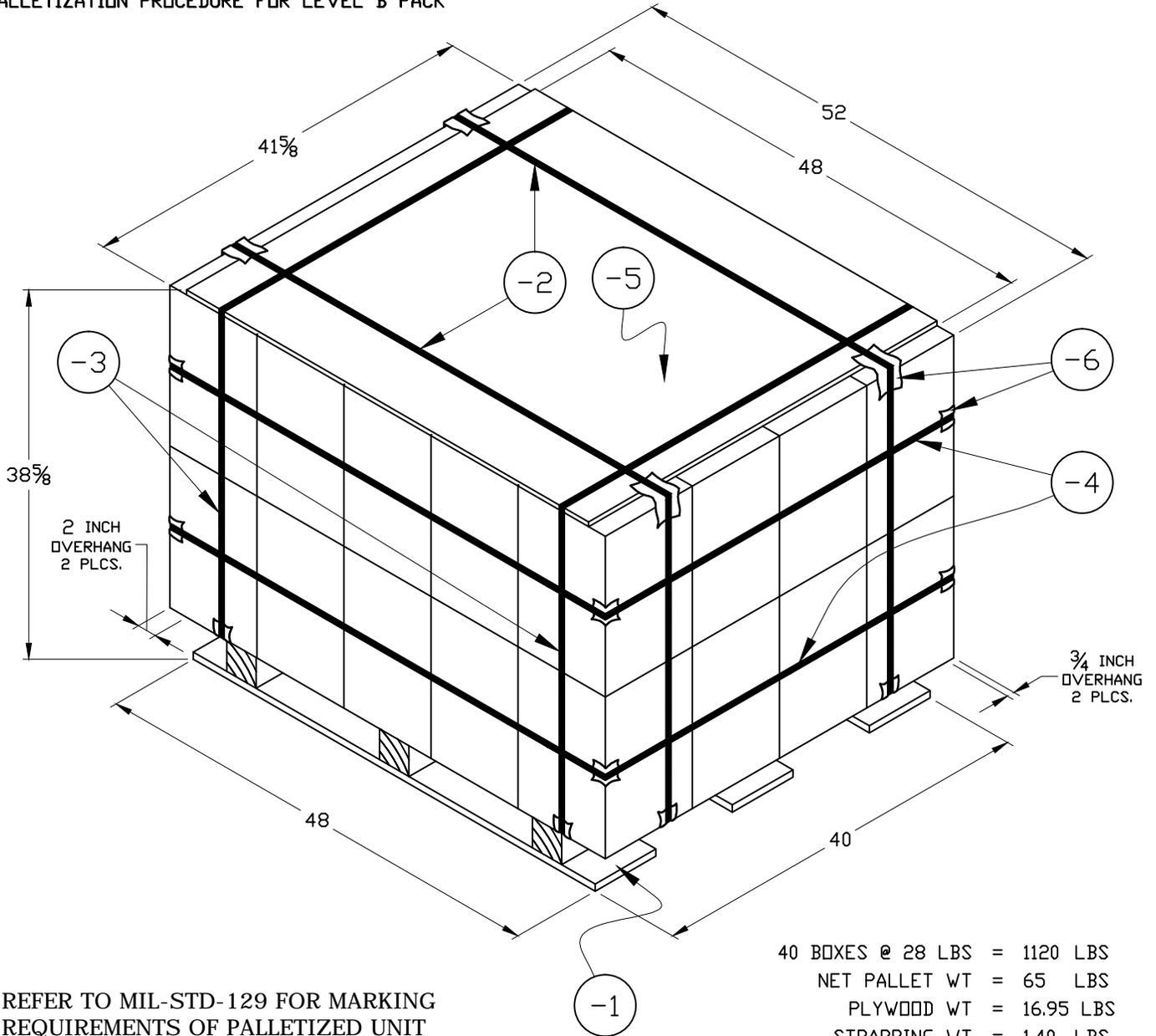
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SHEET 4 OF 4

## PALLETIZATION PROCEDURE FOR LEVEL B PACK



REFER TO MIL-STD-129 FOR MARKING  
REQUIREMENTS OF PALLETIZED UNIT  
LOADS OF AMMUNITION.

40 BOXES @ 28 LBS = 1120 LBS  
NET PALLET WT = 65 LBS  
PLYWOOD WT = 16.95 LBS  
STRAPPING WT = 1.40 LBS  

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1203.35 LBS

CUBE OF PALETIZED LOAD = 48.4

-6	20	EDGE PROTECTORS		NSN 8135-00-145-0070 (OR EQUAL)
-5	1	PLYWOOD	48 X 41 5/8 X 3/8	A-A-55057 TYPE A
-4	2	STRAPPING, STEEL & SEALS	206 X 3/4 X .023 OR GREATER	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-3	2	STRAPPING, STEEL & SEALS	173 X 3/4 X .023 OR GREATER	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-2	2	STRAPPING, STEEL & SEALS	190 X 3/4 X .023 OR GREATER	ASTM-D3953 TYPE 1, REG DUTY, FIN B, GRADE 2
-1	1	PALLET, 4-WAY ENTRY	40 X 48	MIL-DTL-15011 STYLE 1, SIZE A, TYPE I, CLASS 1
P/N	QTY REQD	NOMENCLATURE OR DESCRIPTION	SIZE: (INCHES UNLESS SPECIFIED) TOLERANCES ON FRAC. ± 1/8, DECIMAL ± .10, ANGLES ± 1°	MATERIAL SPECIFICATION