APPENDIX 156

UNITIZATION PROCEDURES FOR MILITARY AMMUNITION AND COMPONENTS PACKED IN FIBERBOARD BOXES IN WIREBOUND OR FIBERBOARD 4-WAY ENTRY PALLET BOXES

FUZE, POINT DETONATING, M567, PACKED 100 PER FIBERBOARD BOX, UNITIZED 32 BOXES PER WIREBOUND PALLET BOX (PALLET UNIT A) OR 30 BOXES PER FIBERBOARD PALLET BOX (PALLET UNIT B); APPROX BOX SIZE $22\frac{1}{8}''$ L X $11\frac{1}{4}''$ W X $9''$ H

PALLET UNIT DATA							
ITEMS INCLUDED		HAZARD CLASSIFICATION ◑				WEIGHT (LBS)	
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	UNIT A	UNIT B
1390-01-050-8887	—	C	I	1.4	B	2,256	2,096

NOTE: THIS DRAWING SUPERSEDES DRAWING 19-48-4116/156R-20PA1002, DATED MAY 1981.

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4169-20PA1006.

◑ HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING (S).

REVISIONS				DRAFTSMAN PT / dh	PROJ ENG LAF /WIRE	
				CHECKER GRG/	LOG ENGRG OFFICE W ∓ Ernst	

APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND

Martin

SMCAR-ESK   AMENDED TWO

APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)

William F. Ernst

U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL

U.S. ARMY AMC DRAWING

OCTOBER 1986

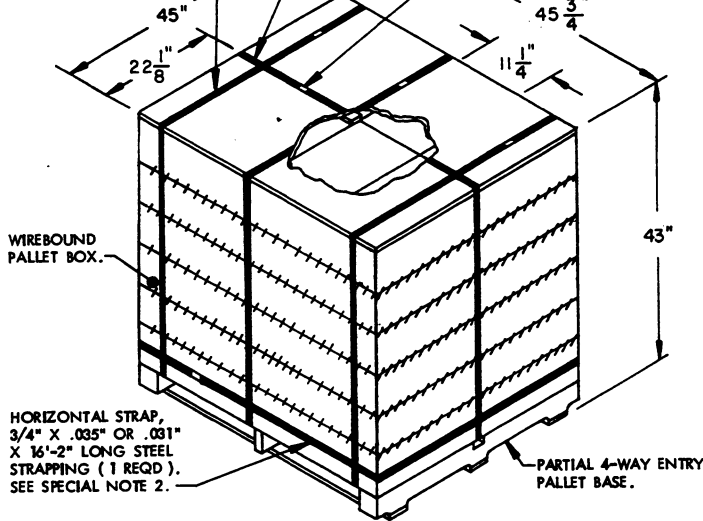| CLASS	DIVISION	DRAWING	FILE
19	48	4169/156	20 PA 1006

DO NOT SCALE

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GENERAL NOTES

A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4169-20PA1006. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.

B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET BOX UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.

C. OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX SHALL BE ACCOMPLISHED IN ACCORDANCE WITH AMC (DARCOM) DRAWINGS IDENTIFIED WITHIN DA PAMPHLET 75-5.

D. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.

E. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING FUZES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE TITLE PAGE, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF THE OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.

SIOCAC FORM 6, 1 NOV 68

PROJECT CA 185/156-81

TIEDOWN STRAP, 3/4" X .035" OR .031" X 14'-10" LONG STEEL STRAPPING (3 REQD). SEE SPECIAL NOTE 3.

LOAD STRAP, 3/4" X .035" OR .031" X 15'-0" LONG STEEL STRAPPING (1 REQD). SEE SPECIAL NOTE 1.

SEAL FOR 3/4" STRAPPING (5 REQD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.

WIREBOUND PALLET BOX.

HORIZONTAL STRAP, 3/4" X .035" OR .031" X 16'-2" LONG STEEL STRAPPING (1 REQD). SEE SPECIAL NOTE 2.

PARTIAL 4-WAY ENTRY PALLET BASE.

45" 22 1/8" 45 3/4" 11 1/4" 43"

PALLET UNIT A

SPECIAL NOTES:

1. THE LOAD STRAP MUST BE THREADED THROUGH THE STRAP SLOT OF THE PALLET AS SHOWN. LOAD STRAP MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF THE HORIZONTAL STRAP.

2. INSTALL HORIZONTAL STRAP TO ENCIRCLE PALLET BOX UNIT AS SHOWN. THE HORIZONTAL STRAP MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.

3. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND LOCATE AS SHOWN. TIEDOWN STRAPS MAY BE APPLIED BUT NOT TENSIONED UNTIL THE HORIZONTAL AND LOAD STRAPS HAVE BEEN INSTALLED, TENSIONED AND SEALED.
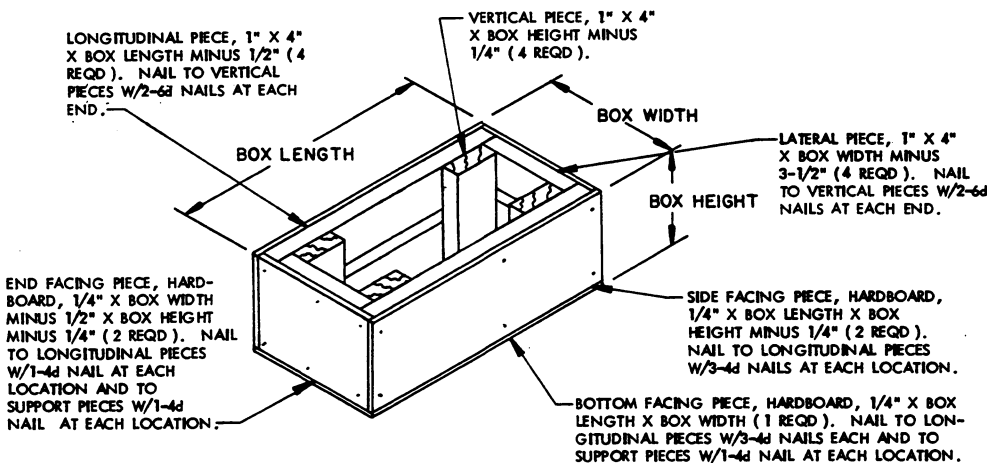
32 BOXES OF POINT DETONATING FUZES (100 PER BOX) @ 66 LBS —— 2,112 LBS (APPROX)
DUNNAGE —————————————————————————— 6 LBS
WIREBOUND PALLET BOX ———————————————— 138 LBS

TOTAL WEIGHT ———————————— 2,256 LBS (APPROX)
CUBE ————————————————— 47.7 CU FT (APPROX)

BILL OF MATERIAL

WIREBOUND PALLET BOX ——— 1 REQD ————————— 138 LBS
STEEL STRAPPING, 3/4" ——— 75.67' REQD ————— 5.40 LBS
SEAL FOR 3/4" STRAPPING —— 5 REQD ————————— NIL

LONGITUDINAL PIECE, 1" X 4" X BOX LENGTH MINUS 1/2" (4 REQD). NAIL TO VERTICAL PIECES W/2-6d NAILS AT EACH END.

VERTICAL PIECE, 1" X 4" X BOX HEIGHT MINUS 1/4" (4 REQD).

BOX WIDTH

BOX LENGTH

BOX HEIGHT

LATERAL PIECE, 1" X 4" X BOX WIDTH MINUS 3-1/2" (4 REQD). NAIL TO VERTICAL PIECES W/2-6d NAILS AT EACH END.

END FACING PIECE, HARDBOARD, 1/4" X BOX WIDTH MINUS 1/2" X BOX HEIGHT MINUS 1/4" (2 REQD). NAIL TO LONGITUDINAL PIECES W/1-4d NAIL AT EACH LOCATION AND TO SUPPORT PIECES W/1-4d NAIL AT EACH LOCATION.

SIDE FACING PIECE, HARDBOARD, 1/4" X BOX LENGTH X BOX HEIGHT MINUS 1/4" (2 REQD). NAIL TO LONGITUDINAL PIECES W/3-4d NAILS AT EACH LOCATION.

BOTTOM FACING PIECE, HARDBOARD, 1/4" X BOX LENGTH X BOX WIDTH (1 REQD). NAIL TO LONGITUDINAL PIECES W/3-4d NAILS EACH AND TO SUPPORT PIECES W/1-4d NAIL AT EACH LOCATION.

FILLER ASSEMBLY
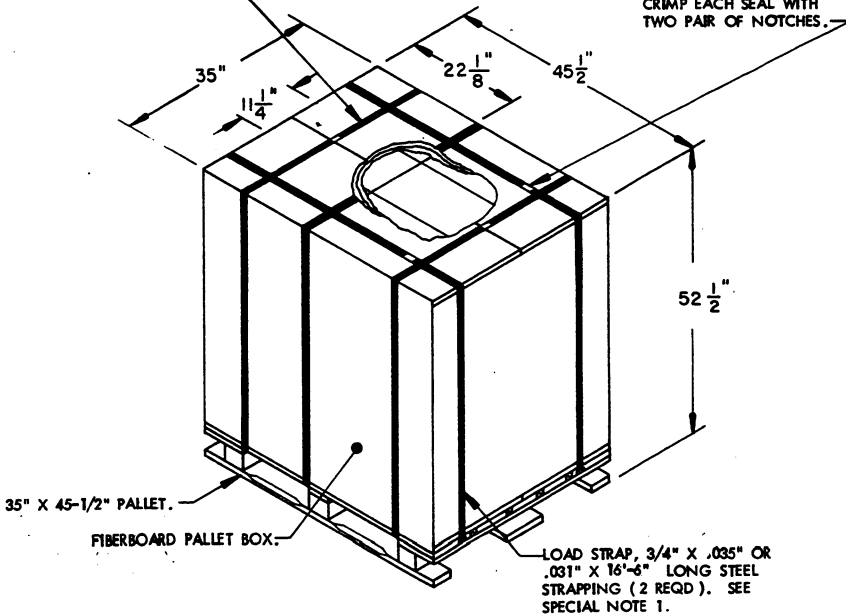
(FOR MINUS ONE BOX)

TIEDOWN STRAP, 3/4" X .035" OR
.031" X 14'-9" LONG STEEL STRAP-
PING (2 REQD). SEE SPECIAL
NOTE 2

SEAL FOR 3/4" STRAPPING
(5 REQD, 1 PER STRAP).
CRIMP EACH SEAL WITH
TWO PAIR OF NOTCHES.

SPECIAL NOTES:

1. THE LOAD STRAPS MUST BE THREADED THROUGH THE STRAP SLOTS OF THE PALLET AS SHOWN. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIE-DOWN STRAPS.

2. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. TIEDOWN STRAPS MAY BE APPLIED BUT NOT TENSIONED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.

35"

22 1/8"

45 1/2"

11 1/4"

52 1/2"

35" X 45-1/2" PALLET.

FIBERBOARD PALLET BOX.

LOAD STRAP, 3/4" X .035" OR
.031" X 16'-6" LONG STEEL
STRAPPING (2 REQD). SEE
SPECIAL NOTE 1.

PALLET UNIT B

SEE GENERAL NOTE "B" ON PAGE 2.

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30 BOXES OF POINT DETONATING FUZES ( 100 PER BOX ) @ 66 LBS --- 1,980 LBS ( APPROX )
DUNNAGE ------------------------------------------------------------- 6 LBS
FIBERBOARD PALLET BOX ---------------------------------------------- 110 LBS

                    TOTAL WEIGHT ----------------------- 2,096 LBS ( APPROX )
                    CUBE -------------------------------- 44.9 CU FT ( APPROX )
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BILL OF MATERIAL (UNIT B)			
FIBERBOARD PALLET BOX	1 REQD		110 LBS
STEEL STRAPPING, 3/4"	77.25' REQD		5.52 LBS
SEAL FOR 3/4" STRAPPING	5 REQD		NIL

LATERAL PIECE, 1" X 4" X BOX WIDTH
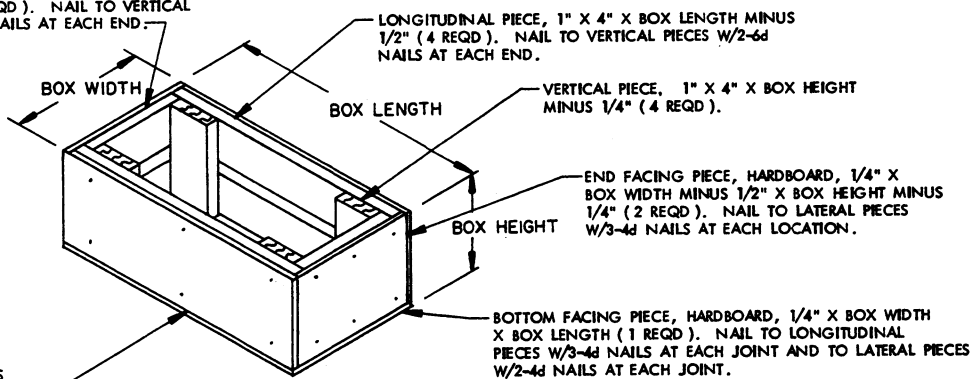MINUS 2" (4 REQD). NAIL TO VERTICAL
PIECES W/2-6d NAILS AT EACH END.

LONGITUDINAL PIECE, 1" X 4" X BOX LENGTH MINUS
1/2" (4 REQD). NAIL TO VERTICAL PIECES W/2-6d
NAILS AT EACH END.

BOX WIDTH

BOX LENGTH

VERTICAL PIECE, 1" X 4" X BOX HEIGHT
MINUS 1/4" (4 REQD).

END FACING PIECE, HARDBOARD, 1/4" X
BOX WIDTH MINUS 1/2" X BOX HEIGHT MINUS
1/4" (2 REQD). NAIL TO LATERAL PIECES
W/3-4d NAILS AT EACH LOCATION.

BOX HEIGHT

SIDE FACING PIECE,
HARDBOARD, 1/4" X
BOX LENGTH X BOX
HEIGHT MINUS 1/4"
(2 REQD). NAIL TO
LONGITUDINAL PIECES
W/3-4d NAILS AT EACH
LOCATION.

BOTTOM FACING PIECE, HARDBOARD, 1/4" X BOX WIDTH
X BOX LENGTH (1 REQD). NAIL TO LONGITUDINAL
PIECES W/3-4d NAILS AT EACH JOINT AND TO LATERAL PIECES
W/2-4d NAILS AT EACH JOINT.

FILLER ASSEMBLY

(FOR MINUS ONE BOX)

SMCAC FORM 6, 1 NOV 66

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