APPENDIX 16

UNITIZING PROCEDURES FOR PROPELLING CHARGES PACKED IN CYLINDRICAL METAL CONTAINERS ON 4-WAY ENTRY PALLETS

PA94 SERIES CONTAINER

INDEX

ITEM	PAGE (S)
GENERAL. NOTES	4 5

PALLET UNIT DATA						
ITEMS INC	CHIDED	ED HAZARD CLASSIFICATION®				
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
UNASS I GNED						1,471

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4042A-20PM1001,

• 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).

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_		4			APPROVED MATERIEL	evel street on	Syll.	U. S. ARBY AND (SANCOUS)	
L					U. S.	ARMY C		DRAWING	
						SEPTEM	1BER 1983	3	
					CLASS.	DIVESION	DRAWING	FILE	
	•				19	48	4042A/ 16	20PM 1001	

DO NOT SCALE

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZING PROCEDURES DRAWING 19-48-4042A-20PM1001. TO PRODUCE AN APPROVED UNIT LOAD, ALL PRITINENT 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 UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE CONTAINER, WEIGHT OF THE SPECIFIC ITEM, AND METHOD OF UNITIZATION.
- 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. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- E. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX.

 THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- F. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING PROPELLING CHARGES WHEN IODHTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN THOSE SHOWN ON THE COVER PAGE, PROVIDED THE ITEM IS PACKED IN THE PA94 SERIES CONTAINER. THE EXPLOSIVE CLASSFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN THOSE SHOWN.
- G. FOR DETAILS OF THE PA94 SERIES GONTAINER, SEE US ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND DRAWING NO. 9331199.

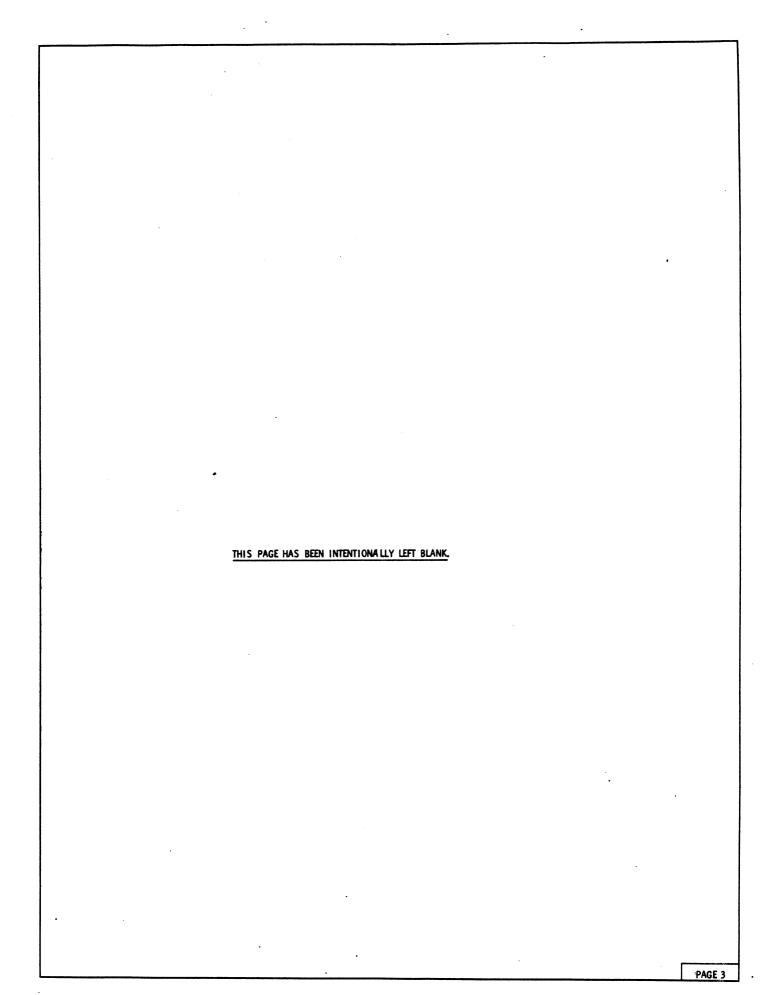
CONTAINER DIMENSIONS ------ 35-1/2" LONG BY 6-1/4" WIDE BY 6-1/4" HIGH CONTAINER CUBE ------ 0.80 CUBIC FEET CONTAINER WEIGHT (WITH CHARGE) --- 27 LBS (APPROX)

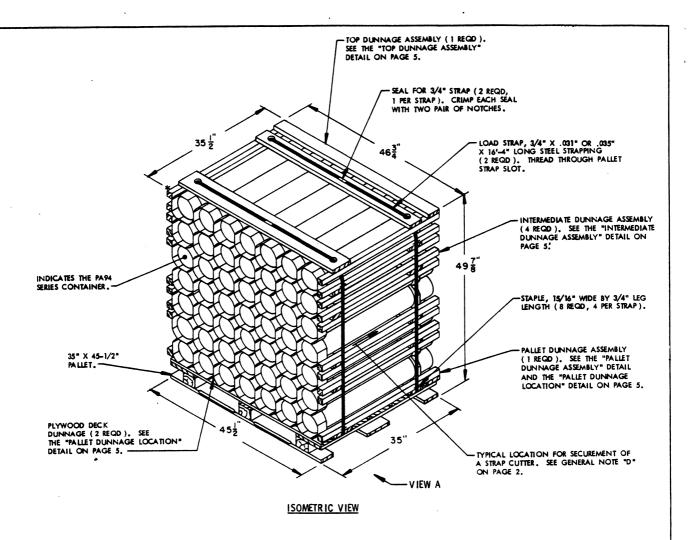
H. IF DEEMED MORE ECONOMICAL FOR SHIPPING AND STORAGE BY THE RESPONSIBLE COMMAND, THE UNIT DEPICTED ON THE FOLLOWING PAGES MAY BE DECREASED BY ONE COMPLETE LAYER OF CONTAINERS. FOR FURTHER UNITIZATION GUIDANCE, SEE SPECIAL NOTES. ON PAGE 4.

REVISION

REVISION NO. 1, DATED JULY 1986, CONSISTS OF:

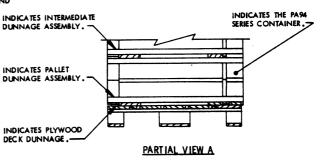
CHANGING 1-1/4" STRAPPING TO 3/4" STRAPPING.



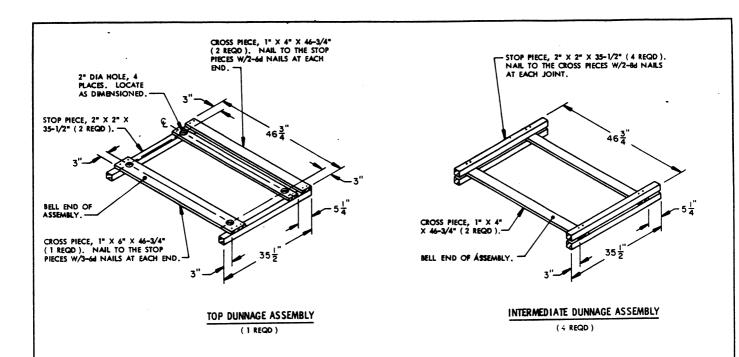


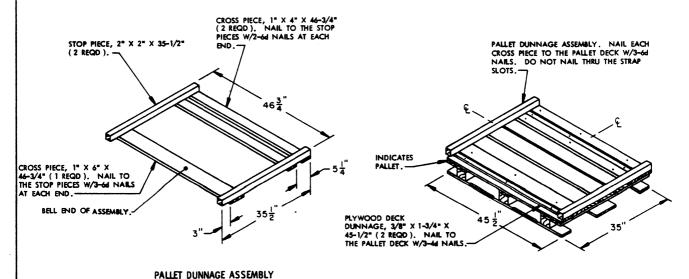
SPECIAL NOTES:

- WHEN THE UNIT LOAD DEPICTED ABOVE IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, ONE LAYER OF CONTAINERS MUST BE OMITTED, THE UPPER-MOST "INTERMEDIATE DUNNAGE ASSEMBLY" MUST BE OMITTED, AND THE LOAD STRAP LENGTHS MUST BE DECREASED TO 15'-3". THIS WILL RESULT IN AN OYER-ALL UNIT HEIGHT OF 43-5/8", A GROSS UNIT WEIGHT OF 1,269 LBS., AND A UNIT CUBE OF 41.9 CUBIC FEET.
- 2. THE UNIT LOAD DEPICTED ABOVE MAY ALSO BE REDUCED BY ONE OR TWO LAYERS OF CONTAINERS, AS DESCRIBED IN SPECIAL NOTE 1, WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER. THE DETERMINATION TO REDUCE THE LOAD BY LAYER (S) WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.
- 3. DIMENSIONS GIVEN FOR DUNNAGE PIECES OR DUNNAGE ASSEMBLIES WILL BE HELD CHECKED PRIOR TO THEIR ASSEMBLY TO THE PALLET UNIT. CONTAINERS MUST HIT SHUGLY IN THE DUNNAGE ASSEMBLIES. ALSO, DUE TO THE VARIATION OF CONTAINER DIMENSIONS, ADJUSTMENTS MAY BE REQUIRED AS TO THE LOCATION OF CERTAIN PIECES OF DUNNAGE IN A DUNNAGE ASSEMBLY.
- 4. ALTHOUGH THE PROPELLING CHARGE CONTAINERS DEPICTED IN THE UNIT LOAD ABOVE ARE CONSTRUCTED WITH INTERLOCKING DEVICES, THE INTERLOCKS WILL NOT PLANCTION PROPERLY UNLESS THE CONTAINERS ARE POSITIONED SO THAT THE "PINS" OF THE INTERLOCKS ARE IN AN UPRIGHT CRIENTATION. THIS ORIENTATION WILL PRECLUDE INTERFERENCE OF THE "PINS" AND THE PLYWOOD PALLET DUNINAGE AND WILL AID IN THE PREVENTION OF CONTAINER MOVEMENT, BOTH LATERALLY AND LONGITUDINALLY, DURING SHIPMENT OF THE UNIT LOAD.



UNIT DETAIL





THEEL POMPTOE HOUSE	
(1 REQD)	

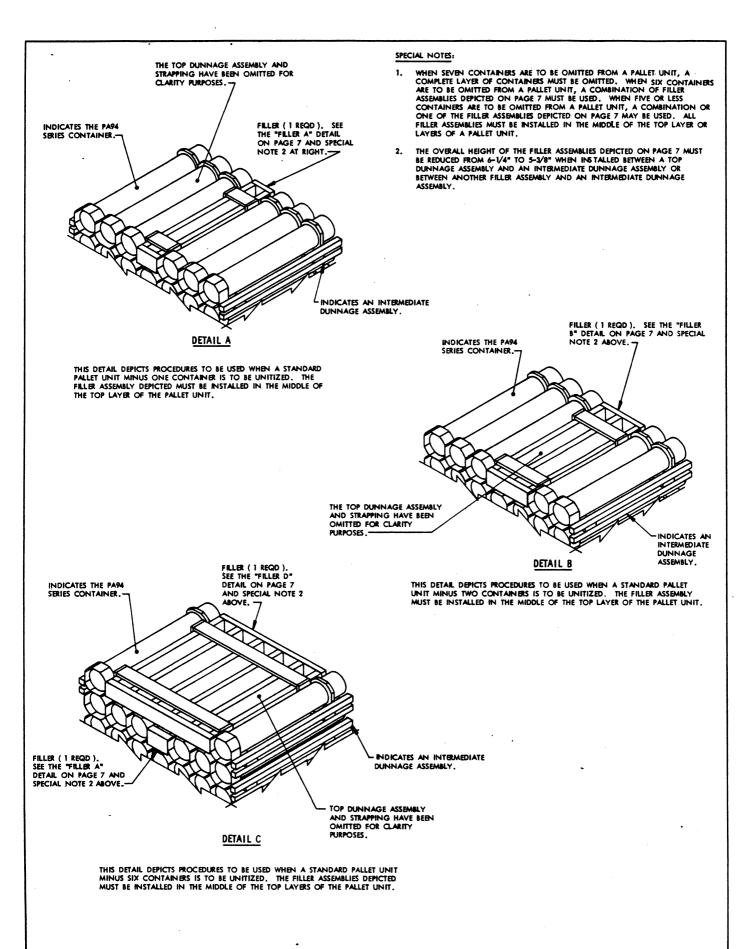
		BILL UF	MATERIAL			
LUMBER	NO). REQD	LINEAR FEET		BOARD FEET	
1" × 4" × 46-3/4" 1" × 6" × 46-3/4" 2" × 2" × 35-1/2"		12 2 20	6,75 7,79 59,17		15,58 3,90 19,72	
NAILS	NAILS		NO. REQD		POUNDS	
4d (1-1/2") 6d (2") 8d (2-1/2")		6 37 61		0.02 0.22 0.67		
PALLET, 35" X 45-1, STEEL STRAPPING, SEAL FOR 3/4" STRA STAPLE, 15/16" X 3, PLYWOOD, 3/8"	3/4" PPBN /4 -	X .031" OR G	.035" 32. 2 R	67' EQD EQD	2.33 LBS NIL NIL	

UNIT DATA		WEIGH	<u>IT</u>
CUBE	(APPROX) 9 EACH @ 27 LBS	1,323	LBS (APPROX)
DUNNAGE		83	
PALLET		65	LBS
TOTAL W	EIGHT	1,471	LBS (APPROX)

PALLET DUNNAGE LOCATION

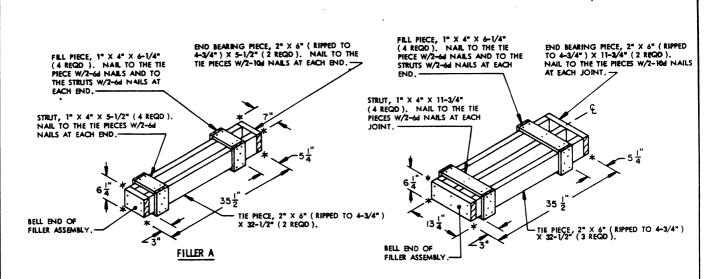
DUNNAGE DETAILS

PAGE 5



FILLERS AND INSTALLATION PROCEDURES FOR OMITTED CONTAINERS

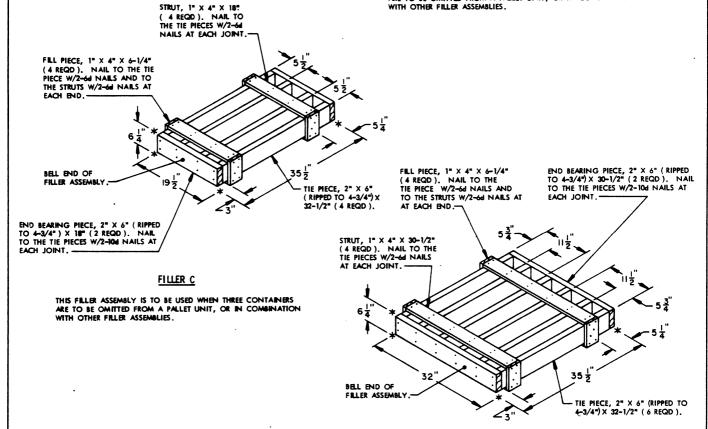
PAGE 6



THIS FILLER ASSEMBLY IS TO BE USED WHEN ONE CONTAINER IS TO BE OMITTED FROM A PALLET UNIT, OR IN COMBINATION WITH OTHER FILLER ASSEMBLIES.

FILLER B

THIS FILLER ASSEMBLY IS TO BE USED WHEN TWO CONTAINERS ARE TO BE OMITTED FROM A PALLET UNIT, OR IN COMBINATION WITH OTHER FILLER ASSEMBLIES.



FILLER D

THIS FILLER ASSEMBLY IS TO BE USED WHEN FIVE CONTAINERS ARE TO BE OMITTED FROM A PALLET UNIT, OR IN COMBINATION WITH OTHER FILLER ASSEMBLIES.

FILLERS AND INSTALLATION PROCEDURES FOR OMITTED CONTAINERS

