APPENDIX 5

UNITIZING PROCEDURES FOR COMPLETE ROUNDS PACKED IN CYLINDRICAL METAL CONTAINERS ON 4-WAY ENTRY PALLETS PA98 SERIES CONTAINER

INDEX

<u>ITEM</u>	PAGE: (S)
GENERAL NOTES	· 2 · 4
DUNNAGE DETAILS	5
FILLERS AND INSTALLATION PROCEDURES	
FOR OMITTED CONTAINERS	6, /

PALLET UNIT DATA						
ITEMS INC	LUDED	HAZARD CLASSIFICATION				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
UNASS I GNEB						2, 795

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4079-20PM1002.

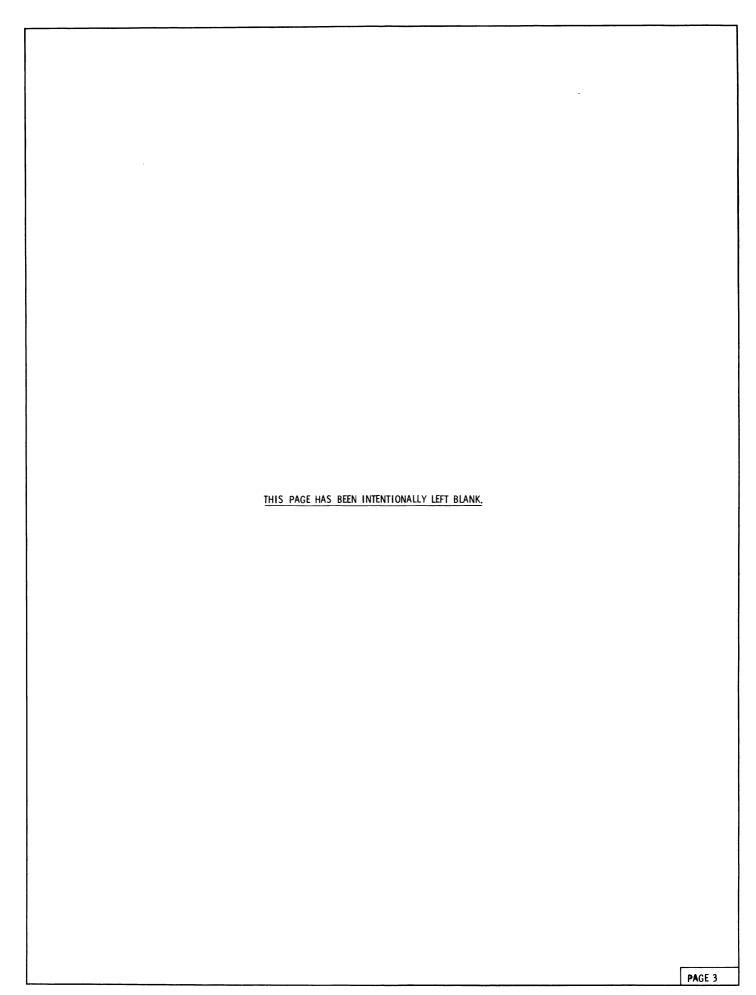
	REVIS	SIONS	B.L.		er/mm	
			GRG/	ω	to Cenet	
			RE.			EL READINESS COMMAN
			DREMA-LEP	Bonto	DRBAR-	Market
_					DMMANDING GENER IND READINGS CO	
					ENSE AMMONITION	CENTER AND SCHOOL
<u> </u>			U.S.			DRAWING
				MAY	1983	
_			CLASS	DIVISION	DRAWING	FILE
	/		19	48	4079	/ 20PM
1					5	1002

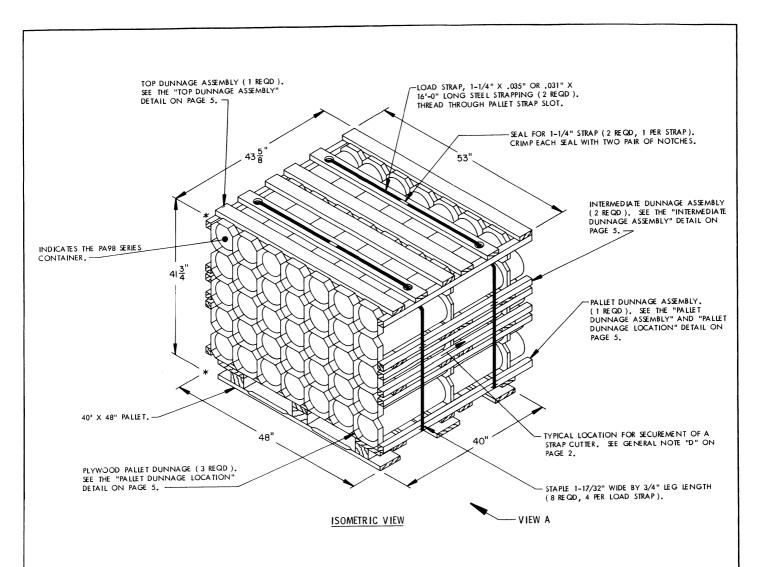
DO NOT SCALE

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZING PROCEDURES DRAWING 19-48-4079-20PM 1002. 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 UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE CONTAINER, WEIGHT OF THE SPECIFIED ITEM AND METHOD OF UNITIZATION.
- C. FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX, SEE DARCOM DRAWING 19-48-4079-1-2-5-11-14PM1001 (WILL BE SUPERSEDED BY ANOTHER 19-48 SERIES DARCOM DRAWING SPECIFICALLY FOR THE PA98 SERIES CONTAINER).
- D. FOR THE 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. FOR DETAILS OF THE PA98 SERIES CONTAINER, SEE US ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND DRAWING NO. 9331203.

- G. THE UNITIZATION PROCEDURES SPECIFIED HEREIN MAY ALSO BE USED FOR UNITIZING COMPLETE ROUNDS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN THOSE SHOWN ON THE COVER PAGE, PROVIDED THE ITEM. IS PACKED IN THE PA98 SERIES CONTAINER. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN THOSE SHOWN.
- H. DIMENSIONS GIVEN FOR DUNNAGE PIECES OR DUNNAGE ASSEMBLIES WILL BE FIELD CHECKED PRIOR TO THEIR ASSEMBLY TO THE PALLET UNIT. CONTAINERS MUST FIT SNUGLY 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.

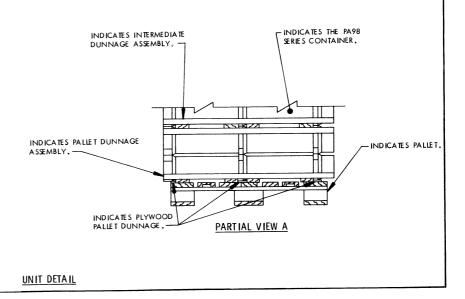


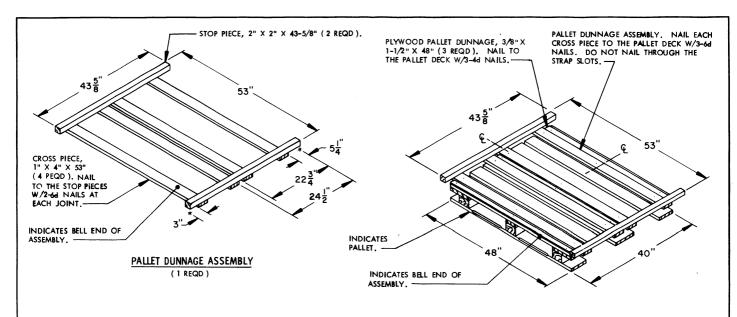


SPECIAL NOTE:

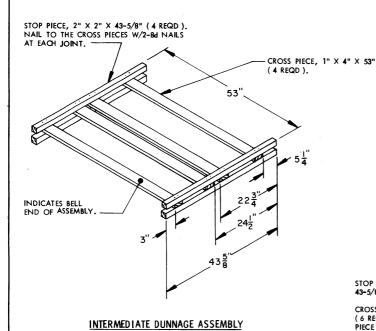
PAGE 4

ALTHOUGH THE CONTAINERS DEPICTED IN THE UNIT LOAD ABOVE ARE CONSTRUCTED WITH INTERLOCKING DEVICES, THE INTERLOCKS WILL NOT FUNCTION PROPERLY UNLESS THE CONTAINERS ARE POSITIONED SO THAT THE "PINS" OF THE INTERLOCKS ARE IN AN URRIGHT ORIENTATION. THIS ORIENTATION WILL PRECLUDE INTERFERENCE OF THE "PINS" AND THE PLYWOOD PALLET DUNNAGE AND WILL AID IN THE PREVENTION OF CONTAINER MOVEMENT, BOTH LATERALLY AND LONGITUDINALLY, DURING SHIPMENT OF THE UNIT LOAD.





PALLET DUNNAGE LOCATION

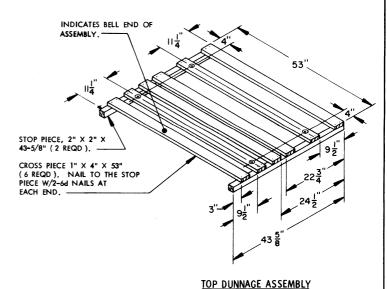


BILL OF MATERIAL LUMBER LINEAR FEET BOARD FEET 1" X 4" 79.50 26.50 2" X 2" 43.62 14,54 NAILS NO. REQD POUNDS 4d (1-1/2") 0.03 6d (2") 52 0.31 8d (2-1/2")

(2 REQD)

0.68

64



UNIT DATA	WEIGH T
CUBE55.9 CUBIC FEET (APPROX) CONTAINER, PA98 SERIES35 EACH @ 75 LBS DUNNAGE	- 2,625 LBS (APPROX) 90 LBS
PALLET	80 LBS

(1 REQD)

TOTAL WEIGHT ------ 2,795 LBS (APPROX)

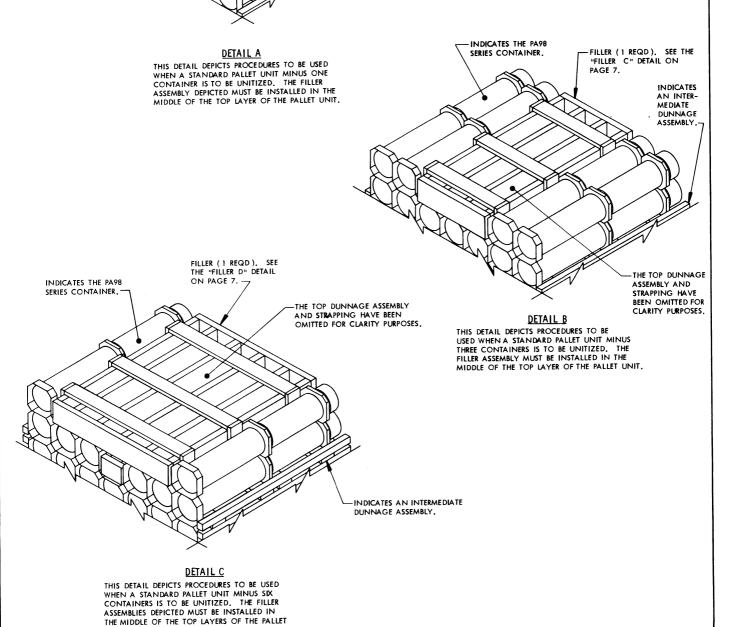
DUNNAGE DETAILS

PAGE 5

THE TOP DUNNAGE ASSEMBLY AND STRAPPING HAVE BEEN OMITTED FOR CLARITY PURPOSES. FILLER (1 REQD). SEE THE "FILLER A" DETAIL ON PAGE 7. INDICATES AN INTERMEDIATE DUNNAGE ASSEMBLY.

SPECIAL NOTES:

- 1. WHEN SEVEN CONTAINERS ARE TO BE OMITTED FROM A PALLET UNIT, A COMPLETE LAYER OF CONTAINERS MUST BE OMITTED. WHEN SIX CONTAINERS ARE TO BE OMITTED FROM A PALLET UNIT, A COMBINATION OF FILLER ASSEMBLIES DEPICTED ON PAGE 7 MUST BE USED. WHEN FIVE OR LESS CONTAINERS ARE TO BE OMITTED FROM A PALLET UNIT, A COMBINATION OR ONE OF THE FILLER ASSEMBLIES DEPICTED ON PAGE 7 MAY BE USED. ALL FILLER ASSEMBLIES MUST BE INSTALLED IN THE MIDDLE OF THE TOP LAYER OR LAYERS OF A PALLET UNIT.
- 2. THE OVERALL HEIGHT OF THE FILLER ASSEMBLIES DEPICTED ON PAGE 7 MUST BE REDUCED FROM 7" TO 6-1/4" WHEN INSTALLED BETWEEN A TOP DUNNAGE ASSEMBLY AND AN INTERMEDIATE DUNNAGE ASSEMBLY OR BETWEEN A NOTHER FILLER ASSEMBLY AND AN INTERMEDIATE DUNNAGE ASSEMBLY AND AN INTERMEDIATE DUNNAGE ASSEMBLY.



FILLERS AND INSTALLATION PROCEDURES FOR OMITTED CONTAINERS

PAGE 6

