APPROVED BY
BUREAU OF EXPLOSIVES

DATE 11/5/92

LOADING AND BRACING ON COMMERCIAL FLATRACK CONTAINERS OF CBU-52, CBU-58 OR CBU-71 PACKED IN CNU-126/E, CNU-180/E OR CNU-180B/E SHIPPING AND STORAGE CONTAINERS

## INDEX

	<u>( 2</u>
GENERAL NOTES AND MATERIAL SPECIFICATIONS 2  CNU-126/E, CNU-180/E AND CNU-1808/E CONTAINER DETAILS 3  TYPICAL LOAD PROCEDURES (CNU-180/E AND CNU-1808/E) 4-7  TYPICAL LOAD PROCEDURES (CNU-126/E) 8-11  GENERAL DETAILS	1

LOADING AND BRACING SPECIFICATIONS SET FORTH WITHIN THIS DRAWING ARE APPLICABLE TO LOADS THAT ARE TO BE SHIPPED BY TRAILER/CONTAINER-ON-FLAT CAR (T/COFC) RAIL CARRIER SERVICE. THESE SPECIFICATIONS MAY ALSO BE USED FOR LOADS THAT ARE TO BE MOVED BY MOTOR OR WATER CARRIERS. SEE GENERAL NOTE "M" ON PAGE 2.

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U.S. ARMY MATERIEL COMMAND DRAWING					
APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND	DRAFTSMAN		TECHNICIAN	ENGINEER	
CHEMICAL COMMAND				L. FIEFFER	
The Tree					
APPROVED BY ORDER OF COMMANDING GENERAL, U.S.	VALIDAT ENGINEE CZIVIO	RING	TRANSPORTATION ENGINEERING DIVISION	LOGISTICS ENGINEERING OFFICE	
ARMY MATERIEL COMMAND		MIL.	N. R. Fren	il W7 Einst	
Alen Joyne	JANUARY 1993				
U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	CLASS	OIZIVID	DRAWING	FILE	
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#### GENERAL NOTES

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1 AND AUGMENTS TM 743-200-1 (CHAPTER 5).
- B. ALL LOADS SHIPPED BY THE PROCEDURES DEPICTED IN THIS DRAWING MUST BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN TITLE 49, THE UNITED STATES CODE OF FEDERAL REGULATIONS; AR 55-355/AFM 75-2; DOD 4500-32-R; DOD 5100.76-M; DOD 6055.9-STD; AS WELL AS ANY AND ALL OTHER APPLICABLE SERVICE REGULATIONS.
- C. THE SPECIFIED OUTLOADING PROCEDURES ARE APPLICABLE TO CBU-52, CBU-58, OR CBU-71 PACKED IN A CNU-126/E, CNU-180/E, OR CNU-1808/E SHIPPING AND STORAGE CONTAINER. SUBSEQUENT REFERENCE TO CONTAINER HEREIN MEANS THE CNU CONTAINER WITH CBU ITEMS INSTALLED. SEE PAGE 3 FOR DETAILS OF THE CONTAINERS. CAUTION: REGARDLESS OF THE OUANTITY OF CONTAINERS TO BE SHIPPED, THE "MAXIMUM GROSS WEIGHT" OF THE FLATRACK INCLUDING LADING AND DUNNAGE MUST NOT BE EXCEEDED.
- D. THE LOAD AS SHOWN IS BASED ON A 20'-0" LONG BY 8'-0" WIDE COMMERCIAL FLATRACK CONTAINER WITH FULL HEIGHT ENDWALLS, AND INSIDE DIMENSIONS OF 19'-4" LONG BY 7'-2" WIDE. THE LOAD AS SHOWN CAN BE SHIPPED BY ANY FORM OF SURFACE TRANSPORTATION. NOTICE: OTHER CONTAINERS OF THE SAME DESIGN CONFIGURATION CAN ALSO BE USED.
- E. WHEN LOADING THE CNU-126/E, CNU-180/E OR CNU-180B/E CONTAINERS, THEY ARE TO BE POSITIONED SO AS TO ACHIEVE A TIGHT LOAD BETWEEN THE END BLOCKING ASSEMBLY AND THE LADING. ALTHOUGH A TOTAL OF ONE INCH OF UNBLOCKED SPACE ACROSS THE WIDTH OF A LOAD IS PERMITTED, LONGITUDINAL VOIDS WITHIN THE LOAD ARE TO BE HELD TO A MINIMUM, NOT EXCEEDING ONE-HALF INCH (1/2"). EXCESSIVE SLACK CAN BE ELIMINATED FROM A LOAD BY LAMINATING ADDITIONAL PIECES OF APPROPRIATE THICKNESS TO THE VERTICAL PIECES ON THE END BLOCKING ASSEMBLY AT ONE END OF THE LOAD. NAIL EACH ADDITIONAL PIECE TO THE VERTICAL PIECE W/I APPROPRIATELY SIZED NAIL EVERY 12". ADDITIONALLY, THE THICKNESS AND OUANTITY OF THE VERTICAL PIECES IN THE END BLOCKING ASSEMBLIES MAY BE ADJUSTED AS REQUIRED TO FACILITATE VARIANCE IN THE LENGTH OF THE
- F. DUNNAGE LUMBER SPECIFIED IS OF NOMINAL SIZE. FOR EXAMPLE, 1" X 4" MATERIAL IS ACTUALLY 3/4" THICK BY 3-1/2" WIDE AND 2" X 6" MATERIAL IS ACTUALLY 1-1/2" BY 5-1/2" WIDE.
- G. A STAGGERED NAILING PATTERN WILL BE USED WHENEVER POSSIBLE WHEN NAILS ARE DRIVEN INTO JOINTS OF DUNNAGE ASSEMBLIES OR WHEN LAMINATING DUNNAGE. ADDITIONALLY, THE NAILING PATTERN FOR AN UPPER PIECE OF LAMINATED DUNNAGE WILL BE ADJUSTED AS REQUIRED SO THAT A NAIL FOR THAT PIECE WILL NOT BE DRIVEN THROUGH ONTO OR RIGHT BESIDE A NAIL IN A LOWER PIECE.
- H. PORTIONS OF ONE OF THE FLATRACK ENDWALLS DEPICTED WITHIN THIS DRAWING HAVE NOT BEEN SHOWN IN THE LOAD VIEW FOR CLARITY PURPOSES.
- J. WHEN INSTALLING BLOCKING ASSEMBLIES, THE ASSEMBLIES MUST
  BE POSITIONED SO AS TO BE SUPPORTED AND IN LINE WITH THE
  STRONG POINTS OF THE FLATRACK ENDWALLS. NOTE: SOME
  FLATRACK ENDWALLS WILL REQUIRE FILL PIECES TO BE
  INSTALLED ON THE END BLOCKING ASSEMBLY TO PROVIDE A
  UNIFORM LOAD BEARING SURFACE. NAIL THESE FILL PIECES TO
  THE END BLOCKING ASSEMBLY W/I APPROPRIATELY SIZED NAIL
  EVERY SIX INCHES.
- K. WHEN STEEL STRAPPING IS SEALED IN AN END-OVER-END LAP JOINT, A MINIMUM OF ONE SEAL WITH TWO PAIR OF NOTCHES WILL BE USED TO SEAL THE JOINT WHEN A NOTCH-TYPE SEALER IS BEING USED. A MINIMUM OF TWO SEALS, BUTTED TOGETHER WITH TWO PAIR OF CRIMPS PER SEAL, WILL BE USED TO SEAL THE JOINT WHEN A CRIMP-TYPE SEALER IS BEING USED. REFER TO THE "STRAP JOINT A" AND "STRAP JOINT B" DETAILS ON PAGE 12 FOR GUIDANCE.
- L. REQUIREMENTS CITED WITHIN THE BUREAU OF EXPLOSIVES PAMPHLET 6C APPLY WHEN THE SHIPMENT MOVES BY TRAILER/CONTAINER-ON-FLATCAR (T/COFC). SPECIAL T/COFC NOTES FOLLOW:
  - A LOADED CONTAINER MUST BE ON A CHASSIS EQUIPPED WITH TWO BOGIE ASSEMBLIES WHEN BEING MOVED IN TOFC SERVICE.
  - 2. THE LOAD LIMIT OF A T/COFC RAILCAR MUST NOT BE EXCEEDED, NOR WILL A CAR BE LOADED SO THAT THE TRUCK UNDER ONE END OF THE CAR CARRIES MORE THAN ONE-HALF OF THE LOAD LIMIT FOR THAT CAR.

### (GENERAL NOTES CONTINUED)

- M. DURING INTRASTATE AND/OR INTERSTATE MOVES BY MOTOR CARRIER, A PROPER CHASSIS OR MODIFIED FLATBED TRAILER MUST BE USED TO PRECLUDE VIOLATION OF ONE OR MORE "WEIGHT LAWS" APPLICABLE TO THE STATE OR STATES INVOLVED.
- N. THE 2" STRAPPING USED FOR LOAD SECUREMENT, I.E., HOLD-DOWN STRAPS, WILL ONLY BE FASTENED TO THE FLATRACK CONTAINER BY UTILIZING TIEDOWN PROVISIONS LOCATED ON THE TOP OR ALONG THE SIDE OF THE FLATRACK BOTTOM SIDE RAILS. CAUTION: THE LOAD SECUREMENT STRAPS WILL NOT BE POSITIONED AROUND THE UNDERSIDE OR THROUGH THE FORKLIFT POCKETS OF THE FLATRACK CONTAINER. ADDITIONALLY, THE FLATRACK TIEDOWN PROVISIONS MUST BE AT LEAST AS STRONG AS THE 2" LOAD SECUREMENT STRAPPING BEING USED; AND BE OF A SUFFICIENT WIDTH TO RECEIVE THE 2" STRAPPING AND BE OF A DESIGN WHICH WILL PROVIDE A BEARING SURFACE ACROSS THE FULL WIDTH OF THE 2" STRAPPING SO THAT THE STRAPPING WILL NOT BE DEFORMED, ESPECIALLY AT ITS EDGES, WHEN PROPERLY TENSIONED.
- O. THE OUTLOADING PROCEDURES SPECIFIED HEREIN CAN ALSO BE UTILIZED FOR THE SHIPMENT OF THE DEPICTED CNU-126/E, CNU-180/E OR CNU-1808/E CONTAINERS WHEN THEY ARE LOADED WITH AN ITEM WHICH IS IDENTIFIED DIFFERENTLY BY NOMENCLATURE THAN THE ITEM DESIGNATED WITHIN THE DRAWING TITLE, PROVIDED THE GROSS WEIGHT OF THE CONTAINER DOES NOT EXCEED 2,400 POUNDS.
- P. REFER TO ASSOCIATION OF AMERICAN RAILROADS MANUAL
  "GENERAL RULES GOVERNING THE LOADING OF COMMODITIES ON
  OPEN TOP CARS" FOR APPLICABLE LOADING RULES AS FOLLOWS:
  PREFACE, 1A, 2, 5, 10, AND 15. NOTE THAT ALL STRAPPING
  USED FOR LOAD SECUREMENT, I.E., HOLD-DOWN STRAPS, MUST
  BE MARKED AS SPECIFIED IN LOADING RULE 15.
- O. ANTI-CHAFING MATERIAL MAY BE INSTALLED AT POINTS OF CONTACT BETWEEN CONTAINERS AND BETWEEN CONTAINERS AND STEEL STRAPPING, IF DESIRED, TO PREVENT CHAFING DAMAGE TO CONTAINER PAINT.
- R. CONVERSION TO METRIC EQUIVALENTS: DIMENSIONS WITHIN THIS DOCUMENT ARE EXPRESSED IN INCHES AND WEIGHTS ARE EXPRESSED IN POUNDS. WHEN NECESSARY, THE METRIC EQUIVALENTS MAY BE COMPUTED ON THE BASIS OF ONE INCH EQUALS 25.4MM AND ONE POUND EQUALS 0.454 KG.

# MATERIAL SPECIFICATIONS

LUMBER:	SEE	TM	743	200	1	( DUNNAGE	LUMBER )	AND
	FFN	ZDE	IT M	4-1 -7	75	1.		

NAILS ----: FED SPEC FF-N-105; COMMON.

STRAPPING, STEEL - -: ASTM D3953; FLAT STRAPPING, TYPE 1 OR 2, HEAVY DUTY, COATED FINISH (ORGANIC), ZINC-COATED (GRADE 2), OR

SEAL, STRAP ---: ASTM D3953; CLASS H, FINISH A, B (GRADE 2), OR C, TYPE D, STYLE I, II, OR IV.

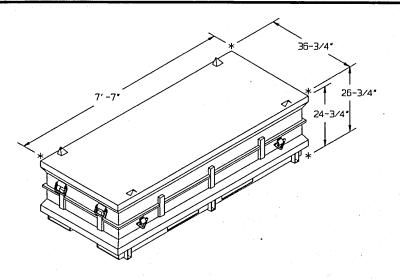
STAPLE, STRAP - - -: COMMERCIAL GRADE.

ANTI-CHAFING

MATERIAL - - - - -: MIL-B-121 (OR EOUAL); NEUTRAL BARRIER

MATERIAL.

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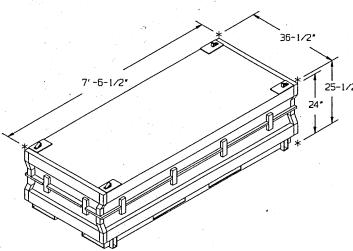
# CNU-180/E CONTAINER

CONTAINER WEIGHT

FOR CBU-58 - - - - - - 2,084 LBS (APPROX)

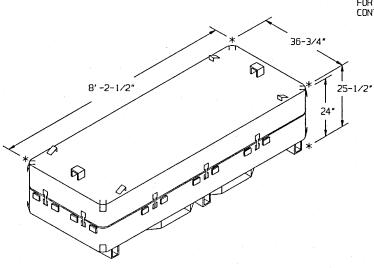
FOR CBU-71 - - - - - 2,064 LBS (APPROX)

CONTAINER CUBE - - - - 47.9 CU FT (APPROX)



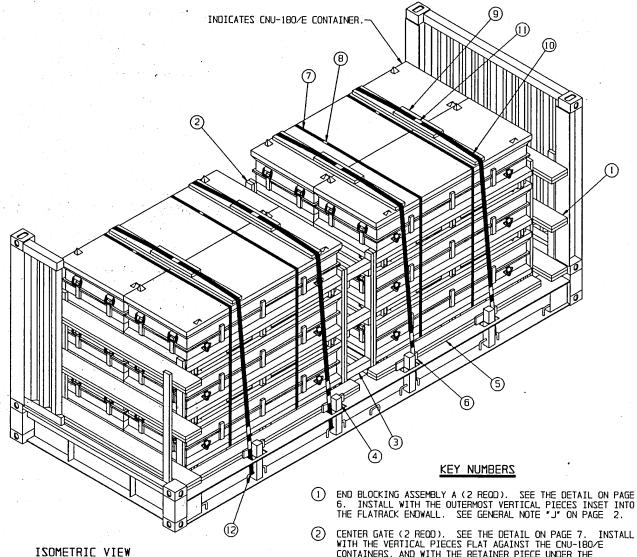
# CNU-1808/E CONTAINER

CONTAINER WEIGHT
FOR CBU-58 - - - - - - - 2,084 LBS (APPROX)
FOR CBU-71 - - - - - - 2,064 LBS (APPROX)
CONTAINER CUBE - - - - 45.9 CU FT (APPROX)



# CNU-126/E CONTAINER

CONTAINER WEIGHT
FOR CBU-52 - - - - - - - 2,032 LBS (APPROX)
FOR CBU-58 - - - - - - 2,160 LBS (APPROX)
CONTAINER CUBE - - - - 49.3 CU FT (APPROX)



## (KEY NUMBERS CONTINUED)

- HOLD-DOWN STRAP, 2" X .044" OR .050" BY A LENGTH TO SUIT (REF: 24'-6") (4 REOD). INSTALL EACH STRAP FROM TWO 12'-3" LONG PIECES. STAPLE TO THE STRAPPING BOARD ASSEMBLY, PIECE MARKED (10), WITH TWO STAPLES. SEE GENERAL NOTE "N" ON PAGE 2.
- SEAL FOR 2" STRAPPING (20 REOD). FASTEN PIECE MARKED (1) WITH ONE SEAL CRIMPED WITH TWO PAIR OF NOTCHES. FASTEN PIECE MARKED (2) WITH ONE SEAL CRIMPED WITH ONE PAIR OF NOTCHES. SEE THE "TIEDOWN DETAIL" ON PAGE 12 AND GENERAL NOTE "K" ON PAGE 2.
- PAD, STRAPPING, 2" X .050" X 18" (8 REOD). PRE-POSITION THE PAD BETWEEN THE HOLD-DOWN STRAP, PIECE MARKED (1), AND THE FLATRACK TIEDOWN PROVISIONS. FASTEN WITH ONE SEAL CRIMPED WITH ONE PAIR OF NOTCHES. SEE THE "TIEDOWN DETAIL" ON PAGE 12.

- CENTER GATE (2 REOD). SEE THE DETAIL ON PAGE 7. IN WITH THE VERTICAL PIECES FLAT AGAINST THE CNU-180/E CONTAINERS, AND WITH THE RETAINER PIECE UNDER THE CNU-180/E CONTAINERS.
- STRUT, 4" X 4" BY A LENGTH TO SUIT (REF: 14-1/2" FOR CNU- $180/\epsilon$ , 15-1/2" FOR CNU- $1808/\epsilon$ ) (6 REOD). TOENAIL TO THE CENTER GATE W/2-12d NAILS AT EACH END.
- STAKE, 4" X 4" X 18" (8 REOD). INSTALL THE STAKE INTO THE FLATRACK STAKE POCKETS WITH A TIGHT (SNUG) FIT. NOTE: REFERENCE DIMENSIONS FOR A TIGHT FITTING STAKE ARE 3-1/4" (ACTUAL) X 3-1/4" (ACTUAL). NAIL 1-20d NAIL THRU THE HOLE PROVIDED IN THE FACE OF THE FLATRACK STAKE POCKET AND INTO THE STAKE. BEND THE PROTRUDING HEAD OF THE NAIL OVER AGAINST THE STAKE POCKET.
- SIDE BLOCKING, 2" X 6" X 8'-0" (DOUBLED) (4 REOD).
  LAMINATE THE FIRST PIECE TO THE SECOND W/10-10d NAILS.
  INSTALL AS DEPICTED, AGAINST THE CNU-180/E CONTAINER AND
- FILL PIECE, 1" X 4" X 12" AND/OR 2" X 4" X 12" (AS REOD).
  POSITION BETWEEN THE STAKE AND THE SIDE BLOCKING AND NAIL
  TO THE SIDE BLOCKING WITH 3 APPROPRIATELY SIZED NAILS (6d
  FOR 1" MATERIAL, 10d FOR 2" MATERIAL). TOENAIL TO THE
  STAKE W/2-12d NAILS.
- BUNDLING STRAP, 1-1/4" X .035" OR .031" BY A LENGTH TO SUIT (REF: 25'-3") (4 REOD). INSTALL TO ENCIRCLE ALL SIX CONTAINERS IN ONE LOAD BAY.
- SEAL FOR 1-1/4" STRAPPING, (4 REOD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES. SEE GENERAL NOTE "K" ON PAGE 2.
- STRAPPING BOARD ASSEMBLY (4 REOD). SEE THE DETAIL ON PAGE 6 AND SPECIAL NOTE 2 ON PAGE 5.

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CNU-180/E OR CNU-180B/E LOAD

## SPECIAL NOTES:

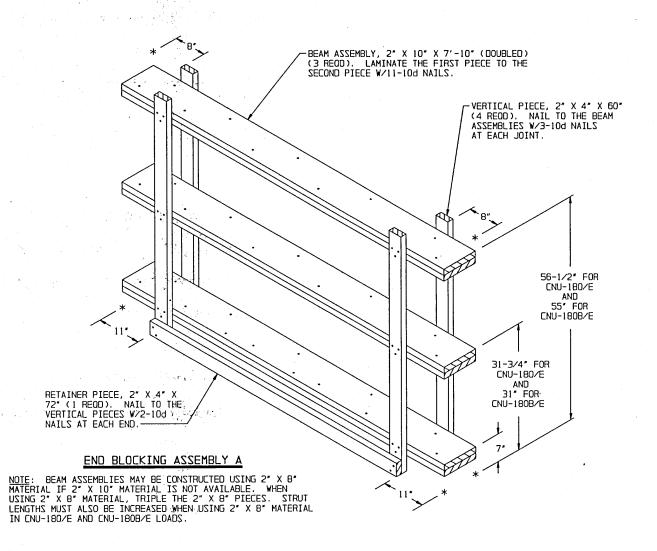
- 1. THE LOAD AS SHOWN ON PAGE 4 DEPICTS CNU-180/E CONTAINERS. THE DEPICTED PROCEDURES MAY ALSO BE USED FOR LOADING CNU-1808/E CONTAINERS, BUT MAY NOT BE USED FOR LOADING CNU-126/E CONTAINERS. FOR CNU-126/E CONTAINER LOADING, SEE THE PROCEDURES ON PAGE 8.
- 2. POSITION THE STRAPPING BOARD ASSEMBLIES, PIECES MARKED (1), AND THE HOLD-DOWN STRAPS, PIECES MARKED (1), SO AS TO BE VERTICALLY IN LINE WITH THE FLATRACK TIEDOWN POINTS AND PERPENDICULAR TO THE FLATRACK FLOOR WHEN VIEWED FROM THE SIDE OF THE FLATRACK.
- 3. THE LOAD AS SHOWN MAY BE REDUCED BY ONE OR TWO LAYERS, IF DESIRED, FOR A SHIPMENT OF 8 OR 4 CONTAINERS.

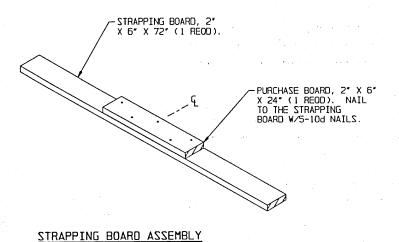
BILL OF MATERIAL					
LUMBER	LINEAR FEET	BOARD FEET			
1" X 4" 2" X 4" 2" X 6" 2" X 10" 4" X 4"	8 140 96 94 20	3 94 96 157 27			
ZJIAN	NO. REOD	POUNDS			
6d (2") 10d (3") 12d (3-1/4") 20d (4")	24 262 40 8	1/4 4-1/4 3/4 1/2			

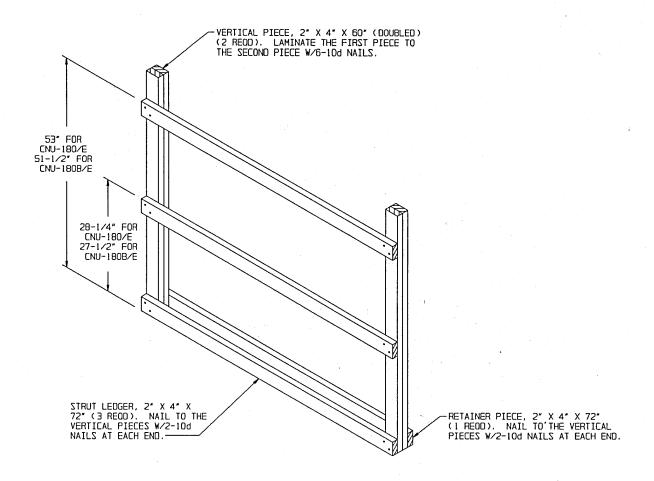
STEEL STRAPPING, 1-1/4" - - 102' REOD - - - - 15 LBS
SEAL FOR 1-1/4" STRAPPING - - 4 REOD - - - - NIL
STEEL STRAPPING, 2" - - - 110' REOD - - - 37 LBS
SEAL FOR 2" STRAPPING - - - 20 REOD - - - 4 LBS
STAPLE, 2-1/8" X 1" - - - 8 REOD - - - NIL
ANTI-CHAFING MATERIAL - - AS REOD - - - NIL

### **LOAD AS SHOWN**

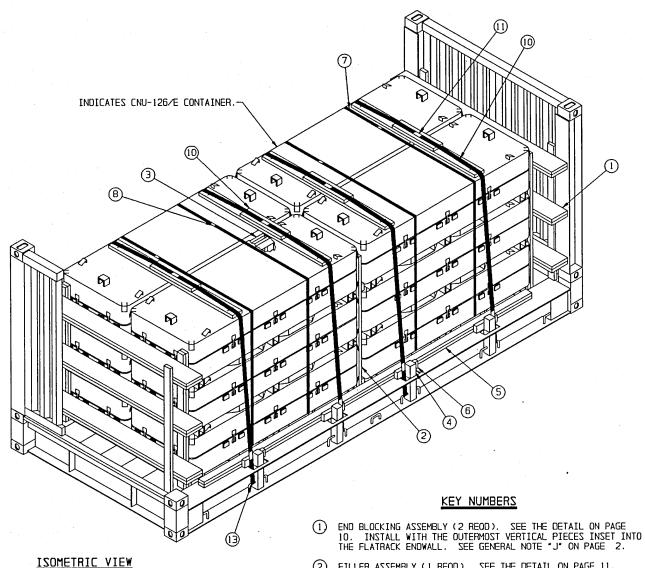
ITEM	<u>OUANTITY</u>	WEIGHT (APPROX)
CBU-58 IN CNU-180/E DUNNAGE FLATRACK		816 FBZ
TOTAL WEIGH	HT	31,556 LBS (APPROX)







# CENTER GATE



### (KEY NUMBERS CONTINUED)

- HOLD-DOWN STRAP, 2" X .044 X .050" BY A LENGTH TO SUIT (REF: 24'-6") (4 REOD). INSTALL EACH STRAP FROM TWO 12'-3" LONG PIECES. STAPLE TO THE STRAPPING BOARD ASSEMBLY, PIECE MARKED (10), WITH TWO STAPLES. SEE GENERAL NOTE "N" ON PAGE 2.
- SEAL FOR 2' STRAPPING (20 REOD). FASTEN PIECE MARKED

  (1) WITH ONE SEAL CRIMPED WITH TWO PAIR OF NOTCHES.
  FASTEN PIECE MARKED
  (3) WITH ONE SEAL CRIMPED WITH
  ONE PAIR OF NOTCHES. SEE THE 'TIEDOWN DETAIL" ON PAGE 12 AND GENERAL NOTE "K" ON PAGE 2
- PAD, STRAPPING, 2" X .050" X 18" (8 REOD). PRE-POSITION THE PAD BETWEEN THE HOLD-DOWN STRAP, PIECE MARKED (1), AND THE FLATRACK TIEDOWN PROVISIONS. FASTEN WITH ONE SEAL CRIMPED WITH ONE PAIR OF NOTCHES. SEE THE "TIEDOWN DETAIL" ON PAGE 12.

- (2) FILLER ASSEMBLY (1 REOD). SEE THE DETAIL ON PAGE 11.
- ANTI-CHAFING ASSEMBLY (2 REOD). SEE THE DETAIL ON PAGE 11. INSTALL BETWEEN ADJACENT STACKS OF CONTAINERS.
- STAKE, 4" X 4" X 18" (8 REOD). INSTALL THE STAKE INTO THE FLATRACK STAKE POCKETS WITH A TIGHT (SNUG) FIT. NOTE: REFERENCE DIMENSIONS FOR A TIGHT FITTING STAKE ARE 3-1/4" (ACTUAL) X 3-1/4" (ACTUAL). NAIL 1-20d NAIL THRU THE HOLE PROVIDED IN THE FACE OF THE FLATRACK STAKE POCKET AND INTO THE STAKE. BEND THE PROTRUDING HEAD OF THE NAIL OVER AGAINST THE STAKE POCKET.
- SIDE BLOCKING, 2" X 4" X 16'-0" (DOUBLED) (2 REOD).
  LAMINATE THE FIRST PIECE TO THE SECOND W/20-10d NAILS.
  INSTALL AS DEPICTED, AGAINST THE CNU-126/E CONTAINERS,
  CENTERED ON THE LENGTH OF THE LOAD. NOTE: MAY BE
  INSTALLED USING FOUR SHORTER PIECES (Ī.E.: 8' LENGTHS).
- (6) FILL PIECE, 1" X 4" X 12" AND/OR 2" X 4" X 12" (AS REOD).
  POSITION BETWEEN THE STAKE AND THE SIDE BLOCKING AND NAIL
  TO THE SIDE BLOCKING WITH 3 APPROPRIATELY SIZED NAILS (6d
  FOR 1" MATERIAL, 10d FOR 2" MATERIAL). TOENAIL TO THE
  STAKE W/2-12d NAILS.
- BUNDLING STRAP, 1-1/4" X .035" OR .031" BY A LENGTH TO SUIT (REF: 25'-3") (4 REOD). INSTALL TO ENCIRCLE ALL SIX CONTAINERS IN ONE LOAD BAY.
- SEAL FOR 1-1/4" STRAPPING, (4 REOD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES. SEE GENERAL NOTE "K" ON PAGE 2.
- STRAPPING BOARD ASSEMBLY (4 REOD). SEE THE DETAIL ON PAGE 6 AND SPECIAL NOTE 2 ON PAGE 9.

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CNU-126 LOAD

## SPECIAL NOTES:

- 1. THE LOAD AS SHOWN ON PAGE 8 DEPICTS CNU-126/E CONTAINERS. THE DEPICTED PROCEDURES MAY ONLY BE USED FOR LOADING CNU-126/E CONTAINERS. FOR CNU-180/E AND CNU-180B/E CONTAINER LOADING, SEE THE PROCEDURES ON PAGE 4.
- 2. POSITION THE STRAPPING BOARD ASSEMBLIES, PIECES MARKED (1), AND THE HOLD-DOWN STRAPS, PIECES MARKED (1), SO AS TO BE VERTICALLY IN LINE WITH THE FLATRACK TIEDOWN POINTS AND PERPENDICULAR TO THE FLATRACK FLOOR WHEN VIEWED FROM THE SIDE OF THE FLATRACK.
- 3. THE LOAD AS SHOWN MAY BE REDUCED BY ONE OR TWO LAYERS, IF DESIRED, FOR A SHIPMENT OF B OR 4 CONTAINERS.

BILL OF MATERIAL					
LUMBER	LINEAR FEET	BOARD FEET			
2" X 4" 2" X 6" 2" X 10" 4" X 4"	299 32 94 12	200 32 157 16			
NAILS	NO. REOD	SDNDO			
10d (3°) 12d (3-1/4°) 20d (4°)	12d (3-1/4") 28				

STEEL STRAPPING, 1-1/4" - - 101' REOD - - - - 15 LBS SEAL FOR 1-1/4" STRAPPING - - 4 REOD - - - - NIL STEEL STRAPPING, 2" - - - 110' REOD - - - 37 LBS SEAL FOR 2" STRAPPING - - - 20 REOD - - - 4 LBS STAPLE, 2-1/8" X 1" - - - - 8 REOD - - - - NIL

### LOAD AS SHOWN

ITEM	<u>OUANTITY</u> <u>WE</u>	IGHT (APPROX)
	- 12 25 5	872 LBS
TOTAL WEIGH	HT 32	524 LBC (APPROV

