

*9 - 1L*

DATE *12/2/00*

# APPENDIX 17

# LOADING AND BRACING PROCEDURES FOR STRATEGIC CONFIGURED LOAD (SCL) ON CONTAINER ROLL IN/OUT PLATFORM (CROP)

## SCL #17 - BRADLEY

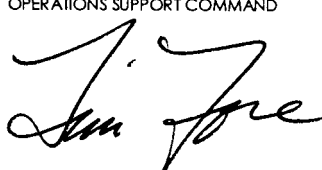
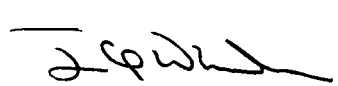

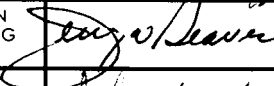
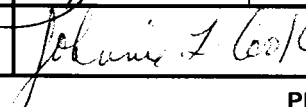
### INDEX

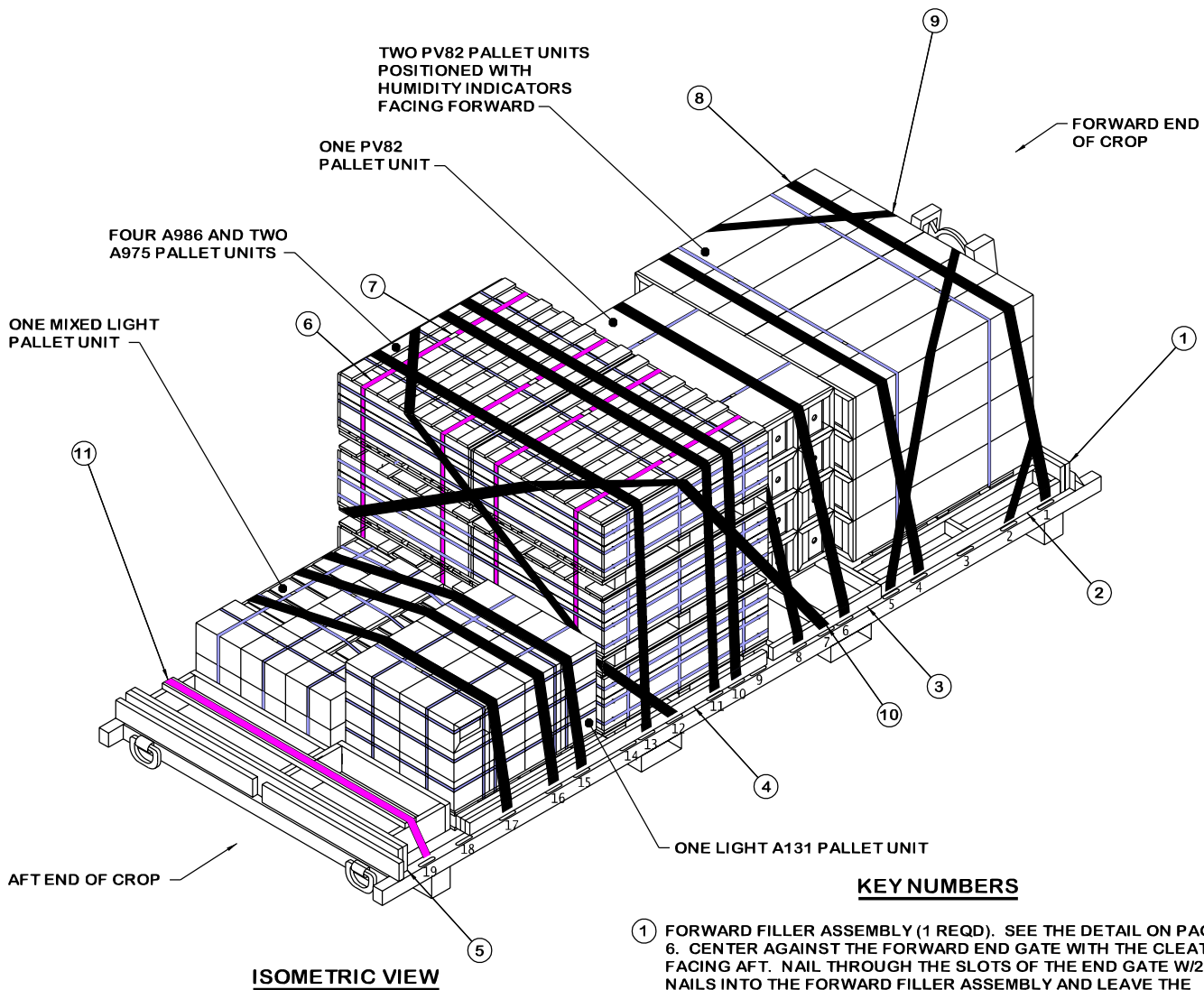
<u>ITEM</u>	<u>PAGE(S)</u>
TYPICAL LOADING PROCEDURES - - - - -	2
GENERAL NOTES AND SEQUENTIAL LOADING PROCEDURES - - - - -	3
PALLET UNIT DETAILS - - - - -	4-5
DETAILS - - - - -	6-7

**NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC CROP OUTLOADING PROCEDURES DRAWING 19-48-4905-CA17Q6.**

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

## U.S. ARMY MATERIEL COMMAND DRAWING

APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND  	ENGINEER	BASIC		<b>DO NOT SCALE</b>			
		REV.		WEBSITE: <a href="http://www.dac.army.mil">HTTP://WWW.DAC.ARMY.MIL</a>			
	TECHNICIAN	BASIC	PATRICK DOUGHERTY	<b>OCTOBER 2000</b>			
		REV.					
	DRAFTSMAN	BASIC					
		REV.					
APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND  	TRANSPORTATION ENGINEERING DIVISION						
	VALIDATION ENGINEERING DIVISION			CLASS	DIVISION	DRAWING	FILE
	ENGINEERING DIRECTORATE			19	48	4905/ 17	CA17Q6



**ISOMETRIC VIEW**

(KEY NUMBERS CONTINUED)

- ⑦ SEAL FOR 1-1/4" STEEL STRAPPING (4 REQD). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.
- ⑧ HOLD DOWN STRAP, 3" WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (10 REQD). INSTALL EACH HOLD DOWN STRAP TO EXTEND FROM THE DESIGNATED TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, OVER THE TOP OF THE PALLET UNITS, TO THE CORRESPONDING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP.
- ⑨ FORWARD END RESTRAINT STRAP, 3" WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (2 REQD). INSTALL STRAPS FROM THE SECOND AND FIFTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP OVER THE TWO FORWARD PV82 PALLET UNITS AND BACK DOWN TO THE OPPOSITE (SECOND TO FIFTH AND FIFTH TO SECOND) TIEDOWN ANCHOR ON THE OTHER SIDE OF THE CROP.
- ⑩ AFT END RESTRAINT STRAP, 3" WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (2 REQD). INSTALL STRAPS FROM THE SEVENTH AND TWELFTH TIEDOWN ANCHOR OVER THE A986 AND A975 PALLET UNITS AND BACK DOWN TO THE OPPOSITE (TWELFTH TO SEVENTH AND SEVENTH TO TWELFTH) TIEDOWN ANCHOR ON THE OTHER SIDE OF THE CROP.
- ⑪ AFT RETAINER STRAP, 2" WIDE WEB STRAP TIEDOWN ASSEMBLY (1 REQD). SECURE STRAP TO THE NINETEENTH TIEDOWN RING OVER THE AFT BLOCKING ASSEMBLY STRAPPING BOARD TO THE CORRESPONDING TIEDOWN RING ON THE OPPOSITE SIDE OF THE CROP. NOTE: NAIL STRAPPING BOARD TO THE AFT BLOCKING ASSEMBLY PRIOR TO INSTALLING RETAINER STRAP. INSURE STRAPPING BOARD IS IN HORIZONTAL ALIGNMENT WITH THE NINETEENTH TIEDOWN RING AND NAIL TO THE STRUTS W/2-10d NAILS AT EACH JOINT.

**KEY NUMBERS**

- ① FORWARD FILLER ASSEMBLY (1 REQD). SEE THE DETAIL ON PAGE 6. CENTER AGAINST THE FORWARD END GATE WITH THE CLEATS FACING AFT. NAIL THROUGH THE SLOTS OF THE END GATE W/2-12d NAILS INTO THE FORWARD FILLER ASSEMBLY AND LEAVE THE NAIL HEADS PROTRUDING TO PROVIDE LATERAL RESTRAINT.
- ② SPACER ASSEMBLY A (2 REQD). SEE THE DETAIL ON PAGE 7. PLACE THE ASSEMBLIES TIGHT AGAINST THE PALLET ON BOTH SIDES OF THE PV82 PALLET UNITS POSITIONED AT THE FRONT OF THE LOAD. NAIL TO THE FORWARD FILLER ASSEMBLY W/2-10d NAILS. NAIL THROUGH THE STRAP ATTACHMENT SLOTS OF THE FORWARD END RESTRAINT STRAPS W/1-10d PARTIALLY DRIVEN NAIL AT EACH LOCATION AND BEND OVER SIDE OF HOOK.
- ③ SPACER ASSEMBLY B (2 REQD). SEE THE DETAIL ON PAGE 7. PLACE THE ASSEMBLIES TIGHT AGAINST THE PALLET ON BOTH SIDES OF THE SINGLE PV82 PALLET UNIT. NAIL THROUGH THE STRAP ATTACHMENT SLOTS OF HOLD DOWN STRAPS AT POSITION SIX AND EIGHT W/1-10d PARTIALLY DRIVEN NAIL AT EACH LOCATION AND BEND OVER SIDE OF HOOK.
- ④ SIDE BLOCKING ASSEMBLY (2 REQD). SEE THE DETAIL ON PAGE 7. POSITION THE BLOCKING ASSEMBLIES TIGHT AGAINST BOTH SIDES OF THE REAR MOST TWO ROWS OF PALLET UNITS. THE NARROW END (SINGLE 2" X 4") OF THE ASSEMBLY SHALL BE ORIENTED TOWARDS THE FRONT OF THE CROP.
- ⑤ AFT BLOCKING ASSEMBLY (1 REQD). SEE THE DETAIL ON PAGE 6. PLACE THE AFT BLOCKING ASSEMBLY TIGHT AGAINST THE LAST ROW OF PALLET UNITS WITH THE WIDE SECTION OF THE ASSEMBLY AGAINST THE LIGHT A131 PALLET UNIT. NOTE: FILL PIECES (2" X 8" X 7'-4" AND/OR 1" X 8" X 7'-4") WILL BE ADDED AT THE REAR OF THE AFT BLOCKING ASSEMBLY AS NECESSARY IN ORDER TO PRODUCE A TIGHT LOAD. THE FILL PIECES WILL BE LAMINATED TO THE AFT FILL ASSEMBLY W/8-10d NAILS.
- ⑥ STACK UNITIZING STRAP, 1-1/4" X .035" OR .031" X 19'-8" LONG STEEL STRAPPING (4 REQD). SECURE EACH THREE HIGH STACK CONTAINING TWO A986 AND ONE A975 PALLET UNITS WITH BUNDLING STRAPS. BUNDLING STRAPS MAY BE APPLIED PRIOR TO PLACING UNITS ON THE CROP. SECURE STRAPS WITH SEALS CRIMPED WITH TWO PAIR OF NOTCHES.

**RECOMMENDED SEQUENTIAL PROCEDURES**

1. PREFABRICATE THE FORWARD FILLER ASSEMBLY, TWO SPACER "A" ASSEMBLIES, TWO SPACER "B" ASSEMBLIES, TWO SIDE BLOCKING ASSEMBLIES AND THE REAR BLOCKING ASSEMBLY.
2. INSTALL THE FORWARD FILLER ASSEMBLY.
3. LOAD TWO PALLET UNITS OF PV82 AGAINST THE FORWARD BLOCKING ASSEMBLY, CENTERING THE ROWS Laterally ON THE CROP. ENSURE THE HUMIDITY INDICATORS FACE THE FRONT OF THE CROP.
4. LOAD ONE PV82 PALLET UNIT HORIZONTALLY AGAINST THE FORWARD PV82 PALLET UNITS, CENTERING THE PALLET UNIT Laterally ON THE CROP.
5. LOAD TWO STACKS WITH EACH STACK CONTAINING ONE A975 PALLET UNIT AND TWO A986 PALLET UNITS. POSITION THE STACKS AGAINST THE PV82 PALLET UNIT, CENTERING THE STACKS Laterally ON THE CROP. INSTALL TWO STACK UNITIZING STRAPS AROUND EACH STACK OF THREE PALLET UNITS AS NOTED IN KEY NUMBER ⑥.
6. INSTALL ONE LIGHT A131 PALLET UNIT AND ONE MIXED LIGHT PALLET UNIT AGAINST THE STACKS OF A975 AND A986 PALLET UNITS, CENTERING THE PALLET UNITS Laterally ON THE CROP.
7. INSTALL THE REAR BLOCKING ASSEMBLY AND ADD FILLER PIECES AS NOTED IN KEY NUMBER ⑤.
8. INSTALL THE REAR BLOCKING ASSEMBLY STRAPPING BOARD AND RETAINER STRAP AS NOTED IN KEY NUMBER ⑪.
9. INSTALL THE TWO SPACER ASSEMBLIES "A".
10. INSTALL THE TWO SPACER ASSEMBLIES "B".
11. INSTALL THE TWO SIDE BLOCKING ASSEMBLIES.
12. INSTALL 10 WEB STRAP TIEDOWN ASSEMBLIES TO EXTEND FROM A TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, OVER THE TOP OF PALLET UNITS, TO THE CORRESPONDING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP.
13. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE SECOND TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE PV82 PALLET UNITS, BACK DOWN TO THE FIFTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. REPEAT WITH ANOTHER WEB STRAP TIEDOWN ASSEMBLY, STARTING AT THE FIFTH ANCHOR ON THE FIRST SIDE OF THE CROP AND ENDING AT THE SECOND ANCHOR ON THE OPPOSITE SIDE OF THE CROP.
14. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE SEVENTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE AROUND AND OVER THE STACK OF A986 AND A975 PALLET UNITS, AND BACK DOWN TO THE TWELFTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. REPEAT WITH ANOTHER WEB STRAP TIEDOWN ASSEMBLY, STARTING AT THE TWELFTH ANCHOR ON THE FIRST SIDE OF THE CROP AND ENDING AT THE SEVENTH ANCHOR ON THE OPPOSITE SIDE OF THE CROP.
15. NAIL THROUGH THE STRAP ATTACHMENT SLOT OF A HOLD-DOWN STRAP INTO EACH END OF SPACER ASSEMBLIES "A", SPACER ASSEMBLIES "B" AND THE SIDE BLOCKING ASSEMBLIES W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.

**GENERAL NOTES**

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC LOADING PROCEDURES DRAWING 19-48-4905-CA17Q6. TO PRODUCE AN APPROVED 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. THE OUTLOADING PROCEDURES DEPICTED IN THIS DRAWING ARE APPLICABLE TO LOADS OF SCL #17. SEE PAGES 4 AND 5 FOR DETAILS OF THE PALLET UNITS. AN M3 (SUMMA) CROP IS SHOWN AS TYPICAL. OTHER MANUFACTURER'S CROPS CAN BE USED FOR THE LOAD SHOWN ON PAGE 2. THE SEQUENTIAL LOADING PROCEDURES DEPICTED AT LEFT DESCRIBE THE SEQUENCE USED TO LOAD EITHER A SUMMA CROP OR A HYUNDAI CROP.
- C. THE LOADING PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR OUTLOADING SIMILAR SCL LOADS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 4, PROVIDED THE OVERALL PALLET UNIT DIMENSIONS DO NOT VARY FROM WHAT IS DELINEATED HEREIN.
- D. LIGHT PALLET UNITS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE GUIDELINES DELINEATED IN THE BASIC UNITIZATION PROCEDURES DRAWING APPLICABLE TO THAT PALLET UNIT.
- E. DIMENSIONS, CUBE AND WEIGHT OF THE PALLET UNITS WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- F. ALTERNATE NSN/DODIC COMBINATIONS ARE SHOWN IN THE CHART ON PAGE 4. THESE ALTERNATES MAY BE SUBSTITUTED FOR SOME OR ALL THE DEPICTED NSN/DODICS IF NECESSARY DUE TO THE ITEMS OR QUANTITIES ON HAND.
- G. DIMENSIONS GIVEN FOR DUNNAGE ASSEMBLIES WILL BE FIELD CHECKED PRIOR TO THEIR ASSEMBLY. PALLET UNITS MUST FIT SNUGLY AGAINST THE DUNNAGE ASSEMBLIES. THIS GUIDANCE MUST BE APPLIED PRIOR TO BEGINNING AN OUTLOADING OPERATION. ALSO, DUE TO VARIATION OF PALLET UNIT DIMENSIONS, ADJUSTMENTS MAY BE REQUIRED AS TO THE LOCATION OF CERTAIN PIECES ON DUNNAGE ASSEMBLIES.
- H. ALL WEB STRAP TIEDOWN ASSEMBLIES MUST HAVE THE EXCESS LENGTH OF THE STRAP SECURED. ROLL UP AND BUNDLE THE EXCESS LENGTH OF WEB STRAP, SECURING WITH CABLE TIES. SEE THE "STRAP END SECUREMENT" DETAIL AND GENERAL NOTE "K.12" IN THE BASIC PROCEDURE DRAWING 19-48-4905-CA17Q6.
- J. 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.

**BILL OF MATERIAL**

LUMBER	LINEAR FEET	BOARD FEET
2" X 4"	84	56
2" X 8"	33	44
NAILS	NO. REQD	POUNDS
10d (3")	118	2
STEEL STRAPPING, 1-1/4" -	78.67'	REQD - - 11.24 LBS
SEAL FOR 1-1/4" STRAPPING -	4	REQD - - - - - NIL
2" WEB STRAP TIEDOWN ASSY -	1	REQD - - - - - 6 LBS

**LOAD AS SHOWN**

ITEM	QUANTITY	WEIGHT (APPROX)
MIXED LIGHT PALLET UNIT	1	1,394 LBS
A131 LIGHT PALLET UNIT	1	2,184 LBS
A986 PALLET UNIT	4	6,060 LBS
A975 PALLET UNIT	2	3,030 LBS
PV82 PALLET UNIT	3	3,336 LBS
DUNNAGE		219 LBS
CROP		3,800 LBS

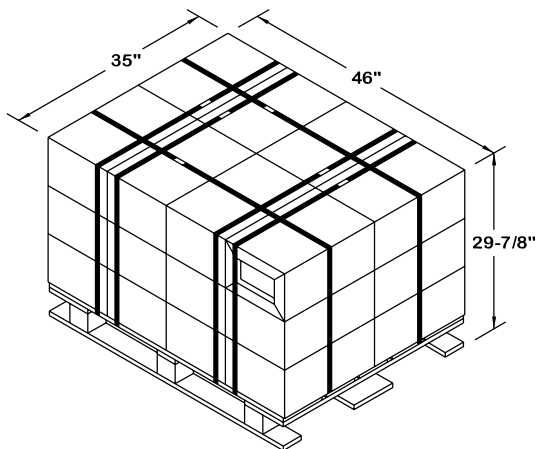
TOTAL WEIGHT - - - - - 20,023 LBS (APPROX)

## SCL #17 COMPOSITION CHART

DODIC	NSN	NOMENCLATURE	UNIT DWG	REQD	UNITS REQD	HC
A059	1305-01-155-5459	CTG, 5.56MM BALL M855 10/CLIP	4116/5	15,120	9 BOXES	1.4S
A072	1305-01-258-8693	CTG, 5.56MM TRACER M196	4116/5	6,720	4 BOXES	1.4S
A131	1305-00-892-2150	CTG, 7.62MM 4 BALL M80/1 TRACER M62 LINKED	4116/7	19,200	1 LIGHT PLT	1.4S
A975	1305-01-094-1035	CTG, 25MM HEI-T M792 LINKED	4116/17	1,620	2 PALLETS	1.2E
A986 *	1305-01-304-9977	CTG, 25MM APFSDS-T M919 LINKED	4116/17	3,240	4 PALLETS	1.2C
G815	1330-01-124-5031	GRENDADE, LAUNCHER SMOKE SCREENING RP UK L8A3	4116/66E	40	5 BOXES	1.4G
G826	1330-01-171-8869	GRENDADE, LAUNCHER SMOKE IR SCREENING M76	4169/56	40	10 BOXES	1.2G
PV82 ▲	1410-01-370-2289	GUIDED MISSILE, TOW 2B BGM-71F-1	5229	36	3 PALLETS	1.1E

**NOTE: THE DODICS LISTED BELOW MAY BE USED AS ALTERNATES FOR THE DODICS WITH MATCHING SYMBOLS SHOWN ABOVE IF THE QUANTITY OF THE DODICS SHOWN ABOVE IS INSUFFICIENT.**

A974 *	1305-01-092-0428	CTG, 25MM APDS-T M791 LINKED	4116/17			1.4C
PD62 ▲	1410-01-229-9948	GUIDED MISSILE, TOW 2A BGM-71E	5229			1.1E
PE96 ▲	1410-01-300-0254	GUIDED MISSILE, TOW 2A BGM-71E-1B	5229			1.1E
PV18 ▲	1410-01-322-5333	GUIDED MISSILE, TOW 2B BGM-71F	5229			1.1E
PV47 ▲	1410-01-313-5367	GUIDED MISSILE, TOW 2A BGM-71E-3B	5229			1.1E

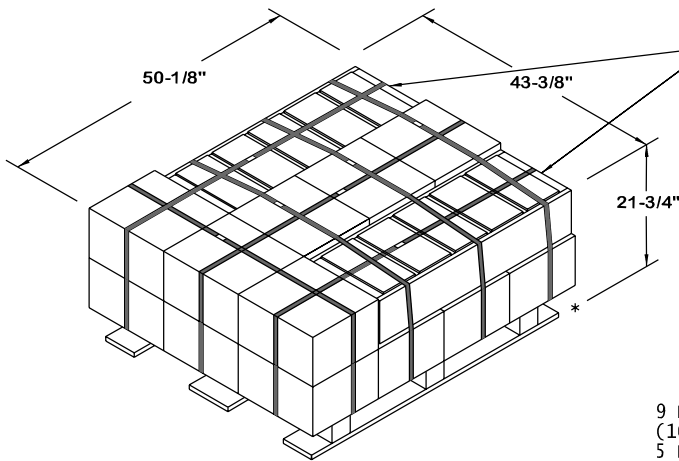


THE LIGHT A131 PALLET UNIT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED ABOVE WITH THE FOLLOWING CHANGES:

1. REDUCE THE LOAD STRAP LENGTH TO 12'-10"
2. REDUCE THE TIEDOWN STRAP LENGTH TO 11'-0".

### LIGHT A131 PALLET UNIT DETAIL

24 BOXES OF A131 7.62MM CTGS	
(800 PER BOX) AT 88 LBS - - - - -	2,112 LBS (APPROX)
DUNNAGE - - - - -	7 LBS
PALLET - - - - -	65 LBS
<hr style="width: 50%; margin-left: 0;"/>	
TOTAL WEIGHT - - - - -	2,184 LBS (APPROX)
CUBE - - - - -	27.8 CU FT (APPROX)



BOX RESTRAINT (2 REQD) (SHOWN WITH G826 BOXES). SEE THE DETAIL ON PAGE 6.

THE MIXED LIGHT PALLET UNIT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED ON PAGE 4 FOR A059 WITH THE FOLLOWING CHANGES:

1. REDUCE THE LENGTH OF THE LOAD STRAPS TO 12'-4".
2. REDUCE THE TIEDOWN STRAP QUANTITY TO THREE AND CHANGE LENGTH TO 11'-2".

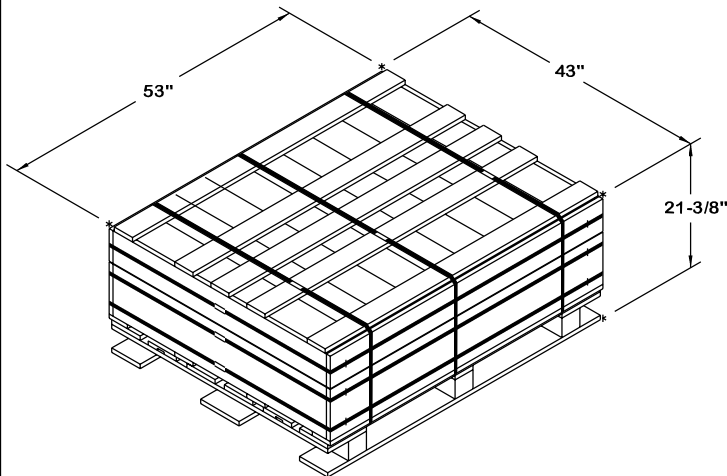
**MIXED LIGHT PALLET UNIT DETAIL**

9 BOXES OF A059 5.56MM CTGS (1680 PER BOX) AT 67 LBS	-----	603 LBS (APPROX)
5 BOXES OF G815 GRENADES (8 PER BOX) AT 33 LBS	-----	165 LBS (APPROX)
10 BOXES OF G826 GRENADES (4 PER BOX) AT 23 LBS	-----	230 LBS (APPROX)
4 BOXES OF A072 5.56MM CTGS (1680) PER BOX AT 67 LBS	-----	268 LBS (APPROX)
DUNNAGE	-----	43 LBS
PALLET	-----	85 LBS

TOTAL WEIGHT ----- 1,394 LBS (APPROX)  
CUBE ----- 27.4 CU FT (APPROX)

MIXED LIGHT PALLET UNIT QUANTITY OF BOXES BY DODIC			
A059	G815*	G826	A072
9	5	10	4

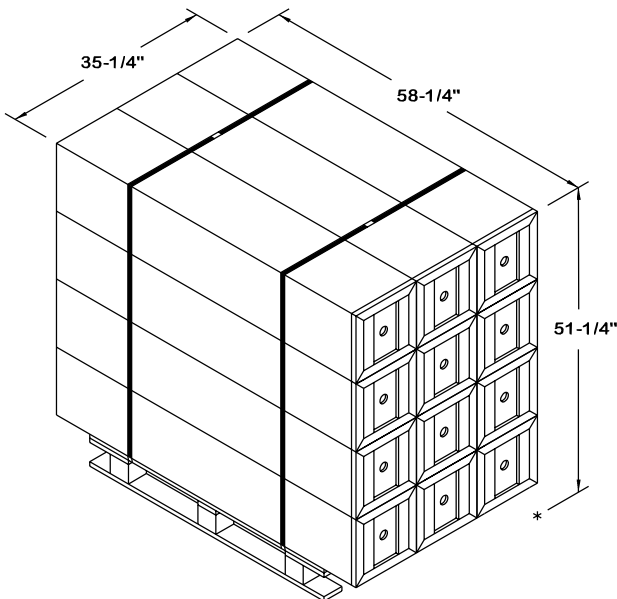
\* WHEN G815 GRENADES ARE PROVIDED PACKED 4 PER METAL CAN, THE QUANTITY OF CANS WILL BE 10 AND THE ALTERNATE MIXED LIGHT PALLET UNIT DETAIL SHOWN ON PAGE 8 WILL BE USED.



**A975/A986 PALLET UNIT DETAIL**

27 CONTAINERS OF A975/A986 25MM CTGS (30 PER CONTAINER) AT 50 LBS	-----	1,350 LBS (APPROX)
DUNNAGE	-----	75 LBS
PALLET	-----	90 LBS

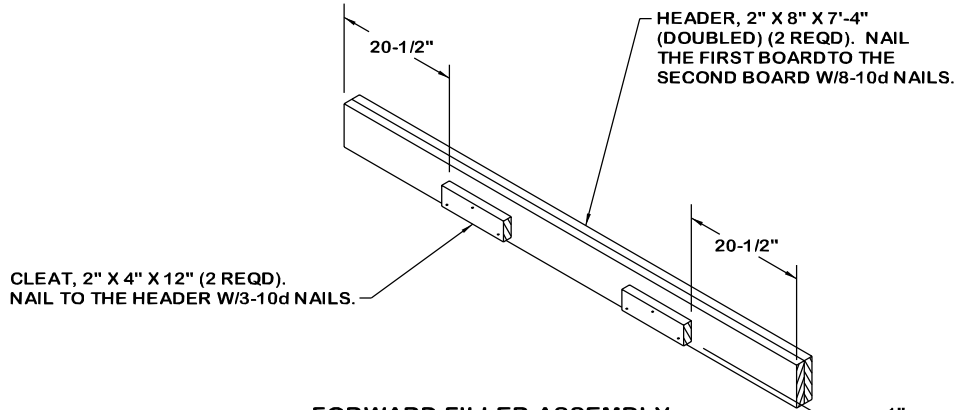
TOTAL WEIGHT ----- 1,515 LBS (APPROX)  
CUBE ----- 28.2 CU FT (APPROX)



**PV82 PALLET UNIT DETAIL**

12 BOXES OF PV82 TOW MISSILES (1 PER BOX) AT 87 LBS	-----	1,044 LBS (APPROX)
DUNNAGE	-----	3 LBS
PALLET	-----	65 LBS

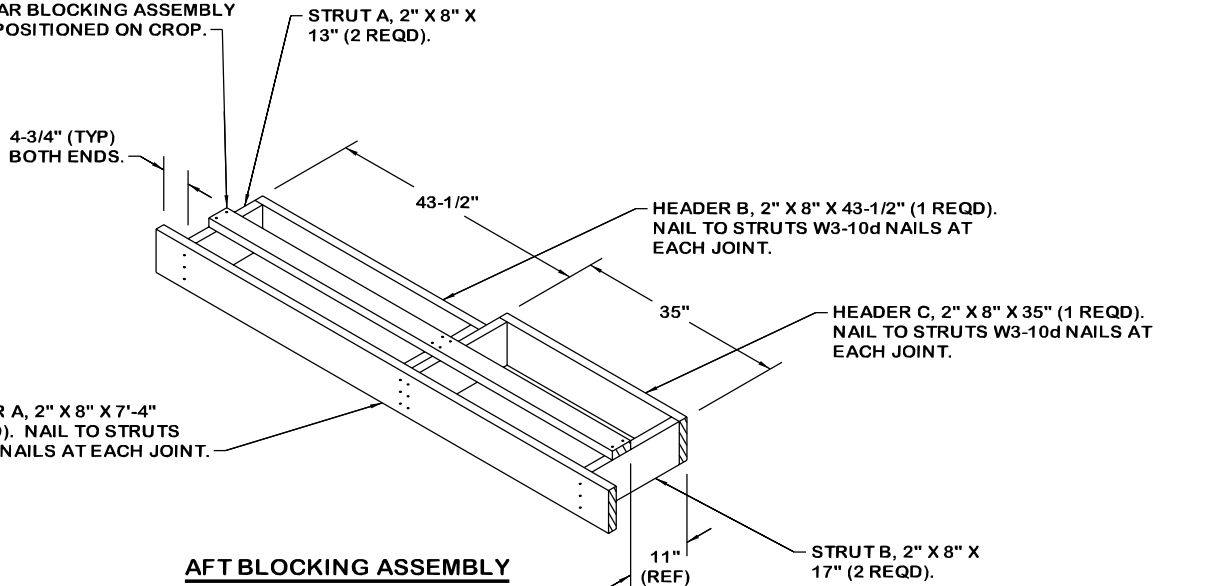
TOTAL WEIGHT ----- 1,112 LBS (APPROX)  
CUBE ----- 60.9 CU FT (APPROX)



**FORWARD FILLER ASSEMBLY**

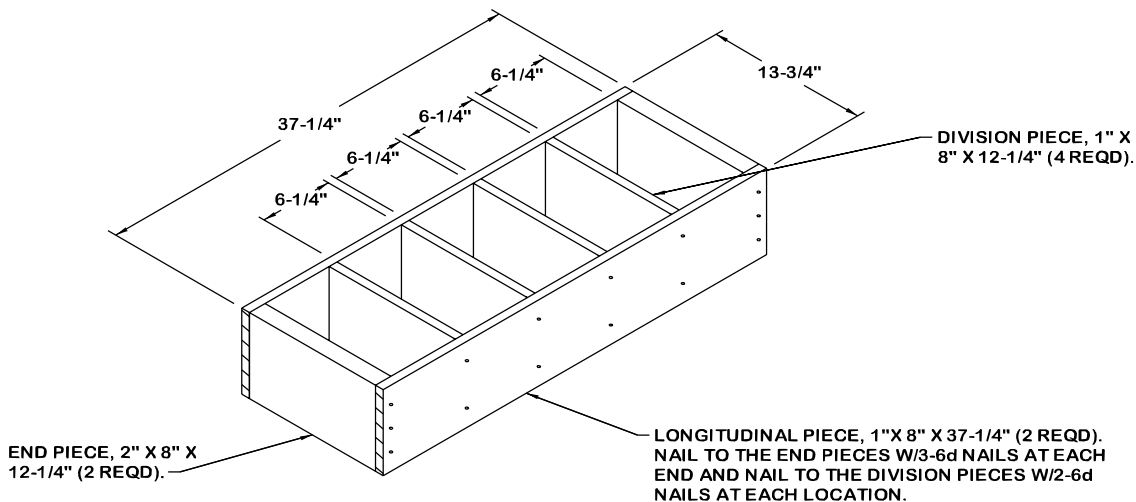
THIS FORWARD FILLER ASSEMBLY WILL BE PLACED AT THE FRONT OF THE LOAD WITH THE CLEATS RECESSED UNDER THE FRONT PALLET UNITS. FIELD CHECK IT AGAINST PALLET UNITS TO VERIFY PROPER CLEAT LOCATIONS.

STRAPPING BOARD, 2' X 4 X 6'-6-1/2" (1 REQD). NAIL TO THE STRUTS W/2-10d NAILS AT EACH JOINT.  
NOTE: STRAPPING BOARD TO BE NAILED AFTER THE REAR BLOCKING ASSEMBLY IS POSITIONED ON CROP.



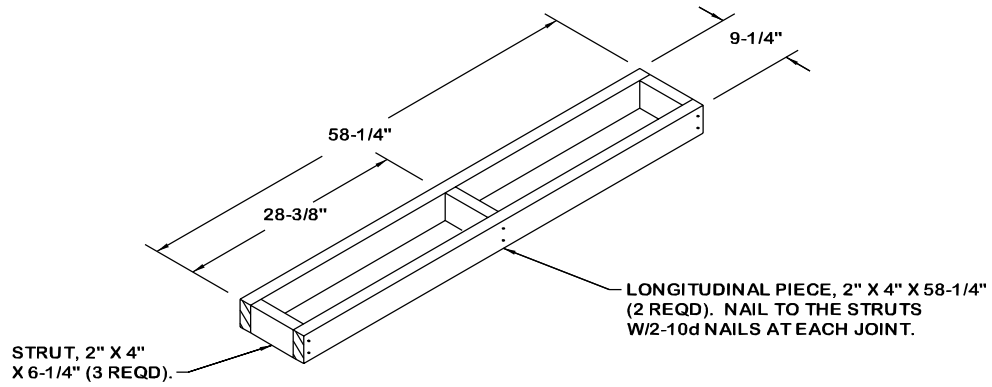
**AFT BLOCKING ASSEMBLY**

THIS AFT FILLER ASSEMBLY WILL BE PLACED AT THE REAR OF THE LOAD. ADDITIONAL FILL PIECES (2" X 8" X 7'-4", AND/OR 1" X 8" X 7'-4") TO BE LAMINATED TO HEADER A AS REQUIRED.



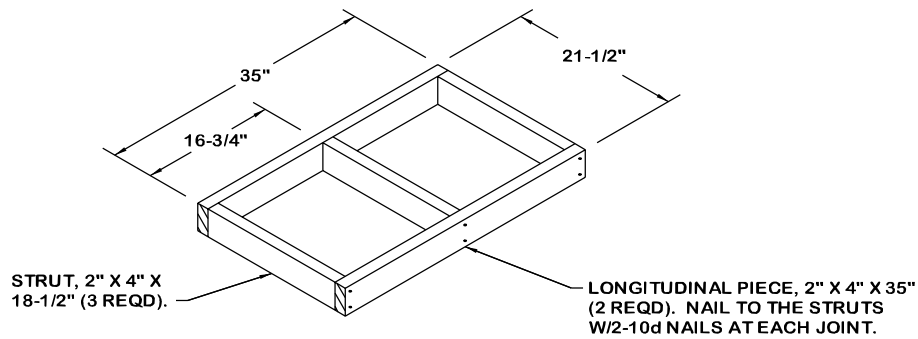
**BOX RESTRAINT**

THIS BOX RESTRAINT FILLER ASSEMBLY WILL BE USED IN THE MIXED LIGHT PALLET UNIT AS SHOWN ON PAGE 5.



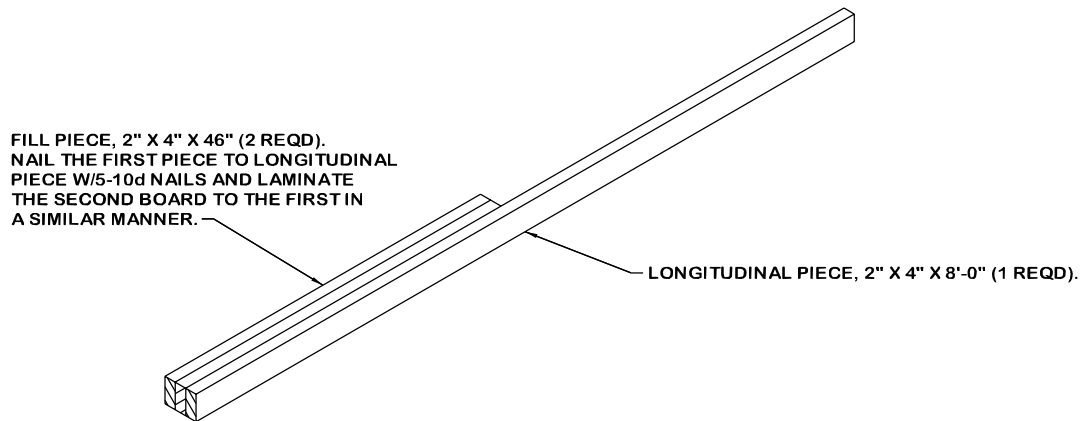
**SPACER ASSEMBLY A**

A SPACER ASSEMBLY WILL BE PLACED ON EACH SIDE OF THE TWO PV82 PALLET UNITS AT THE FRONT OF THE LOAD AS SHOWN ON PAGE 2.



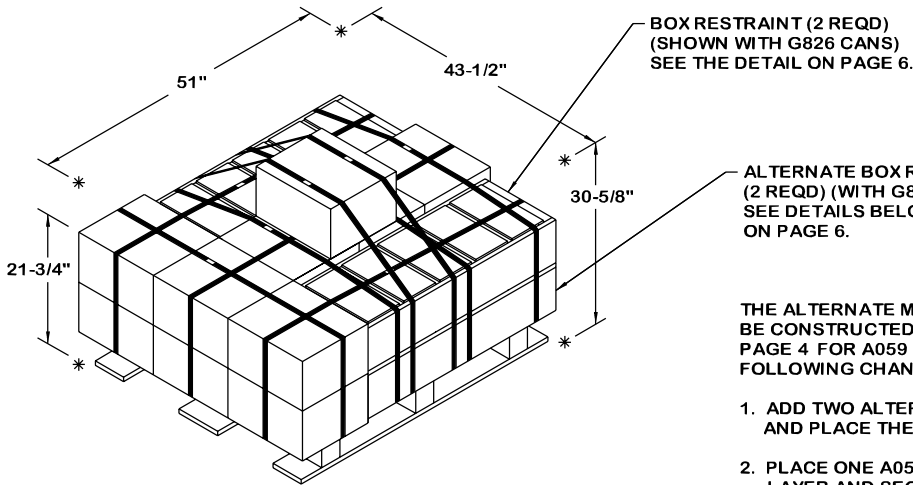
**SPACER ASSEMBLY B**

A SPACER ASSEMBLY WILL BE PLACED ON EACH SIDE OF THE SINGLE PV82 PALLET UNIT AS SHOWN ON PAGE 2.



**SIDE BLOCKING ASSEMBLY**

A SIDE BLOCKING ASSEMBLY WILL BE PLACED ON EACH SIDE AT THE REAR OF THE LOAD AS SHOWN ON PAGE 2.



ALTERNATE BOX RESTRAINT  
(2 REQD) (WITH G815 CANS)  
SEE DETAILS BELOW AND  
ON PAGE 6.

THE ALTERNATE MIXED LIGHT PALLET UNIT SHOULD  
BE CONSTRUCTED IAW THE AMC DRAWING LISTED ON  
PAGE 4 FOR A059 AND AS SHOWN ON PAGE 5 WITH THE  
FOLLOWING CHANGES:

1. ADD TWO ALTERNATE BOX RESTRAINT FILLER ASSEMBLIES  
AND PLACE THE G815 CANS IN THE RESTRAINTS.
2. PLACE ONE A059 OR ONE A072 BOX ON TOP OF THE SECOND  
LAYER AND SECURE WITH TWO BUNDLING STRAPS 12'-2" IN  
LENGTH.

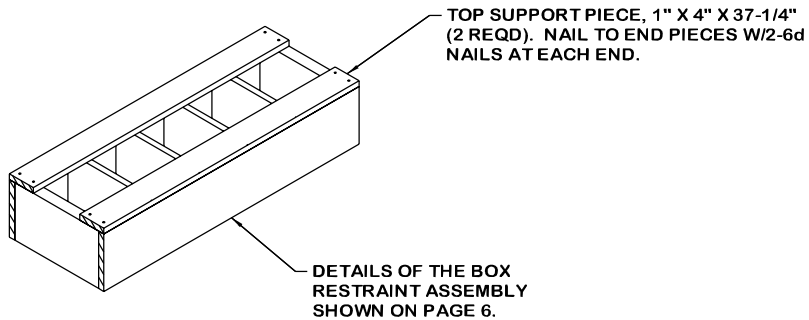
**ALTERNATE MIXED LIGHT PALLET UNIT DETAIL**

THIS ALTERNATE MIXED LIGHT PALLET UNIT SHALL BE CONSTRUCTED  
AS SHOWN ON PAGE 5 WITH THE FOLLOWING EXCEPTIONS: TWO  
ALTERNATE BOX RESTRAINTS WILL BE POSITIONED IN THE BOTTOM  
LAYER WITH G815 CANS PLACED IN THE VOIDS AND ONE A059 OR ONE  
A072 BOX WILL BE SECURED ON THE TOP LAYER AS SHOWN.

**MIXED LIGHT PALLET UNIT DETAIL**

9 BOXES OF A059 5.56MM CTGS (1680 PER BOX) AT 67 LBS	-----	603 LBS (APPROX)
10 BOXES OF G815 GRENADES (4 PER BOX) AT 15 LBS	-----	150 LBS (APPROX)
10 BOXES OF G826 GRENADES (4 PER BOX) AT 23 LBS	-----	230 LBS (APPROX)
4 BOXES OF A072 5.56MM CTGS (1680) PER BOX AT 67 LBS	-----	268 LBS (APPROX)
DUNNAGE	-----	100 LBS
PALLET	-----	85 LBS

TOTAL WEIGHT ----- 1,436 LBS (APPROX)  
CUBE ----- 39.3 CU FT (APPROX)



**ALTERNATE BOX RESTRAINT**

THIS ALTERNATE BOX RESTRAINT FILLER ASSEMBLY  
(2 REQD) WILL BE POSITIONED IN THE BOTTOM LAYER  
OF THE ALTERNATE MIXED LIGHT PALLET UNIT SHOWN  
ABOVE WHEN THE G815 GRENADES ARE SUPPLIED IN  
CANS RATHER THAN WIREBOUND BOXES.