APPROVED BY BUREAU OF EXPLOSIVES

DATE 9/29/00

APPENDIX 23

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

SCL #23 - 155MM DPICM M483A1

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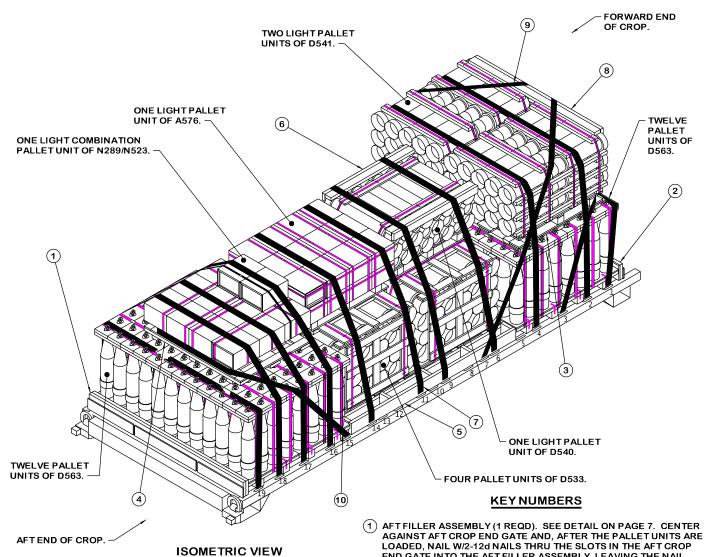
NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC CROP OUTLOADING PROCEDURES DRAWING 19-48-4905-CA17Q6.

● 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

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U.S. ARMY DEFENSE AMMUNITION CENTER	ENGINEERIN DIRECTORA		Johnne J. Cock	19	48	23	CA17Q6

PROJECT CAP-TV 6/23-00



(KEY NUMBERS CONTINUED)

- (7) HOLD-DOWN STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEM-BLY FOR CROP (11 REQD). INSTALL EACH HOLD-DOWN STRAP TO EXTEND FROM THE DESIGNATED TIEDOWN ANCHOR ON ONE SIDE OF CROP, OVER THE TOP OF THE PALLET UNITS, TO THE CORRE-SPONDING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TENSION STRAP. SEE GENERAL NOTE "H" ON PAGE 3.
- (8) STRAPPING BOARD ASSEMBLY B (1 REQD). SEE THE DETAIL ON PAGE 9. INSTALL ON THE FORWARD EDGÉ OF THE D541 PALLET UNITS.
- (9) FORWARD END RESTRAINT STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (2 REQD). INSTALL EACH STRAP FROM THE THIRD TIEDOWN ANCHOR ON ONE SIDE OF THE CROP (ONE ON EACH SIDE), OVER THE D563 AND LIGHT D541 PALLET UNITS AND STRAPPING BOARD ASSEMBLY B, BACK DOWN TO THE SEVENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TEN-SION STRAP. CAUTION: THE RATCHET MUST BE POSITIONED TO AVOID CONTACT WITH THE CONTAINER WHEN INSERTING CROP INTO CONTAINER. SEE GENERAL NOTE "H" ON PAGE 3.
- (10) AFT END RESTRAINT STRAP, 3-INCH WIDE WEB STRAP TIEDOWN ASSEMBLY FOR CROP (1 REQD). INSTALL THE STRAP FROM THE FIFTEENTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE D563 PALLET UNITS, AROUND THE PALLET POSTS OF THE LIGHT COMBINATION N289/N523 PALLET UNIT, AND BACK DOWN TO THE FIFTEENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. DO NOT INSTALL OVER THE HOLD-DOWN STRAP ATTACHED TO THE EIGHTEENTH TIEDOWN ANCHOR, THREAD BEHIND THIS STRAP, FLUSH AGAINST THE D563 PALLET UNIT. ALIGN SCUFF SLEEVES OVER ALL SHARP EDGES AND FIRMLY TENSION STRAP. SEE GENERAL NOTE "H" ON PAGE 3.

- END GATE INTO THE AFT FILLER ASSEMBLY, LEAVING THE NAIL HEADS PROTRUDING THRU THE SLOTS TO PROVIDE LATERAL RE-
- (2) FORWARD FILLER, 1" OR 2" X 8" X 7'-4" (AS REQD). LAMINATE EACH PIECE TO THE PREVIOUS PIECE W/8 NAILS OF A SUITABLE SIZE (6d NAILS FOR 1" THICK MATERIAL). CENTER AGAINST FOR-WARD CROP END GATE AND, AFTER THE PALLET UNITS ARE LOADED, NAIL W/2-12d NAILS THRU THE HOLES IN THE FORWARD CROP END GATE INTO THE FORWARD FILLER PIECES, LEAVING THE NAIL HEADS PROTRUDING THRU THE HOLES TO PROVIDE LATERAL AND VERTICAL RESTRAINT.
- (3) PALLET SUPPORT ASSEMBLY A (1 REQD). SEE DETAIL ON PAGE 7. POSITION THE ASSEMBLY ON TOP OF THE FORWARD D563 PALLET UNITS SO THAT ASSEMBLY LATERAL PIECES ARE CROSSWISE ON THE LOAD AND FIT BETWEEN THE LIFTING RINGS OF THE D563 PROJECTILES. CENTER THE ASSEMBLY LATERALLY AND LONGI-**TUDINALLY ON THE D563 PALLET.**
- (4) PALLET SUPPORT ASSEMBLY B (1 REQD). SEE DETAIL ON PAGE 8. POSITION THE ASSEMBLY ON TOP OF THE AFT D563 PALLET UNITS SO THAT ASSEMBLY LATERAL PIECES ARE LENGTHWISE ON THE LOAD AND FIT BETWEEN THE LIFTING RINGS OF THE D563 PROJEC-TILES. CENTER THE ASSEMBLY LATERALLY ON THE D563 PALLET UNITS AND POSITION SO THAT THE LIGHT COMBINATION N289/N523 PALLET UNIT WILL BE TIGHT AGAINST THE ADJACENT LIGHT A576 PALLET UNIT.
- (5) SIDE BLOCKING ASSEMBLY (2 REQD). SEE THE DETAIL ON PAGE 8. INSTALL ONE ON EACH SIDE OF THE CROP ADJACENT TO THE D533 PALLET UNITS. AFTER THE HOLD-DOWN STRAPS ARE INSTALLED, NAIL THROUGH THE STRAP ATTACHMENT SLOTS OF TWO HOLD-DOWN STRAPS (ONE AT EACH END OF THE ASSEMBLY) INTO SIDE BLOCKING W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK
- STRAPPING BOARD ASSEMBLY A (2 REQD). SEE THE DETAIL ON PAGE 9. INSTALL ON THE EDGES OF THE D540 PALLET UNIT.

(CONTINUED AT LEFT)

RECOMMENDED SEQUENTIAL PROCEDURES

- PREFABRICATE THE AFT FILLER ASSEMBLY, THREE PALLET SUP-PORT ASSEMBLIES, TWO STRAPPING BOARD "A" ASSEMBLIES, THE STRAPPING BOARD "B" ASSEMBLY, AND TWO SIDE BLOCKING AS-SEMBLIES. STRAP THE N523 BOX AND THE EXTRA N289 BOX TO THE TOP OF THE LIGHT N289 PALLET UNIT.
- 2. INSTALL THE AFT FILLER ASSEMBLY.
- 3. LOAD TWO ROWS OF SIX PALLET UNITS OF D563 AGAINST THE AFT END FILLER ASSEMBLY, CENTERING LATERALLY ON THE CROP.
- 4. LOAD TWO ROWS OF TWO PALLET UNITS OF D533 AGAINST THE D563 PALLET UNITS, CENTERING LATERALLY ON THE CROP.
- 5. LOAD TWO ROWS OF SIX PALLET UNITS OF D563 AGAINST THE D533 PALLET UNITS, CENTERING THE ROWS LATERALLY ON THE CROP.
- 6. INSTALL THE FORWARD FILLER PIECES.
- 7. INSTALL THE PALLET SUPPORT ASSEMBLY "A" ON TOP OF THE FORWARD D563 PALLET UNITS SO THAT THE LATERAL PIECES OF THE ASSEMBLY FIT BETWEEN THE LIFTING EYES ON THE D563 PALLET UNITS AND ARE CROSSWISE ON THE LOAD, AND THE ASSEMBLY IS CENTERED AS MUCH AS POSSIBLE LATERALLY AND LONGITUDINALLY ON THE D563 PALLET UNITS.
- 8. LOAD TWO LIGHT D541 PALLET UNITS ON TOP OF THE PALLET SUP-PORT ASSEMBLY "A", ALIGNING THE PALLET SKIDS WITH THE PAL-LET SUPPORT ASSEMBLY LONGITUDINAL PIECES.
- 9. LOAD ONE LIGHT D540 PALLET UNIT, CENTERED LATERALLY, ON TOP OF THE FORWARD D533 PALLET UNITS, AND AGAINST THE D541 PALLET UNITS.
- 10. LOAD ONE LIGHT A576 PALLET UNIT, CENTERED LATERALLY, ON TOP OF THE AFT D533 PALLET UNITS, AND AGAINST THE D540 PALLET UNIT. SEE GENERAL NOTE "F" AT RIGHT.
- 11. INSTALL THE PALLET SUPPORT ASSEMBLY "B" ON TOP OF THE AFT D563 PALLET UNITS SO THAT THE LATERAL PIECES OF THE ASSEMBLY FIT BETWEEN THE LIFTING EYES ON THE D563 PALLET UNITS AND ARE LENGTHWISE ON THE LOAD, AND ARE CENTERED AS MUCH AS POSSIBLE LATERALLY ON THE D563 PALLET UNITS.
- 12. LOAD ONE LIGHT N289/N523 COMBINATION PALLET UNIT ON TOP OF THE PALLET SUPPORT ASSEMBLY "B", ALIGNING THE PALLET SKIDS WITH THE PALLET SUPPORT ASSEMBLY LONGITUDINAL PIECES. SEE GENERAL NOTE "F" AT RIGHT.
- 13. INSTALL THE TWO SIDE BLOCKING ASSEMBLIES.
- 14. INSTALL THE STRAPPING BOARD ASSEMBLIES "A".
- 15. INSTALL 11 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.

(CONTINUED ON PAGE 4)

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 #23. SEE PAGES 4 THRU 6 FOR DETAILS OF THE PALLET UNITS. AN M3A1 (HYUNDAI) 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 AN M3A1 CROP. FOR AN M3 (SUMMA) CROP, SEQUENTIAL LOADING PROCEDURES 2 THROUGH 6 MUST BE REVERSED. ACTUAL CROP CONFIGURATION WILL DETERMINE WHETHER THE SEQUENTIAL LOADING STARTS AT THE AFT OR THE FORWARD END OF THE 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-CA1706
- 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			
1" x 4" 1" x 6" 1" x 8" 2" x 3" (ACTUAL) 2" x 4" 2" x 6" 2" x 8"	7 24 8 2 82 34 30	3 12 5 1 55 34 40			
NAILS	NO. REQD	POUNDS			
6d (2") 10d (3") 12d (3-1/4")	56 122 8	1/2 2 1/4			

LOAD AS SHOWN

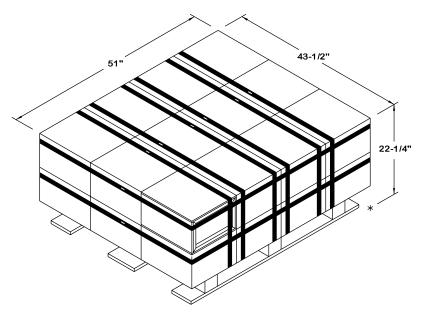
ITEM	QUANTITY	WEIGHT (APPROX)
LIGHT A576 PALLET UNIT - D533 PALLET UNIT LIGHT D540 PALLET UNIT - LIGHT D541 PALLET UNIT - D563 PALLET UNIT COMBO N289/N523 PALLET UN DUNNAGE CROP	4 1 2 24 IT - 1	4,640 LBS 786 LBS 2,146 LBS 20,976 LBS

TOTAL WEIGHT - - - - - - 35,125 LBS (APPROX)

SCL #23 COMPOSITION CHART						
DODIC	NSN	NOMENCL ATURE	UNIT DWG	REQD	UNITS REQD	НС
A576*	1305-00-028-6603	CTG, CAL .50 4 API M8/1 API-T M20 LINKED	4116/14	4, 800	1 LIGHT PLT	1.4G
D533	1320-01-093-6856	CHG, PROPELLING 155MM WB M119A2 W/O PRIMER	4042A/9	96	4 PALLETS	1.3c
D5 40	1320-00-935-1922	CHG, PROPELLING 155MM GB M3	4042 A/3	48	1 LIGHT PLT	1.3C
D5 41	1320-00-935-1923	CHG, PROPELLING 155MM WB M4A2	4042 A/2	60	2 LIGHT PLTS	1.3C
D5 63	1320-01-260-8720	PROJ, 155MM HE APER ICM M483A1	8837839	192	24 PALLETS	1.1D
N289 ▲	1390-01-282-6038	FUZE, ELECTRONIC TIME W/O BOOSTER M762	4116/156S	208	13 BOXES	1.45
N523	1390-00-892-4202	PRIMER, PERCUSSION M82	4116/158E	200	1 BOX	1. 4s
NOTE: THE DODICS LISTED BELOW MAY BE USED AS ALTERNATES FOR THE DODICS WITH MATCHING						

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.

A5 40 *	1305-00-935-2017	CTG, CAL .50 4 API M8/1 TR M17 LINKED	4116/14		1. 4G
N285 ▲	1390-01-247-4013	FUZE, MTSQ W/O BOOSTER M577A1	4116/156		1. 4s



LIGHT A576 PALLET UNIT DETAIL

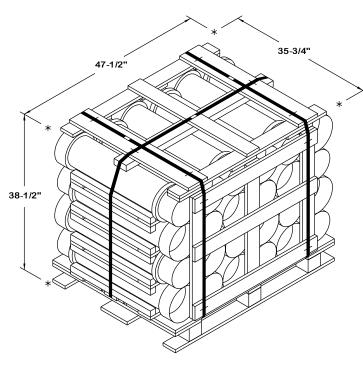
24 BOXES OF .50 CAL CTG (200 PER BOX) DUNNAGE	6 LBS
	1,886 LBS (APPROX) 28.6 CU FT (APPROX)

THE LIGHT A576 PALLET UNIT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED ABOVE WITH THE FOLLOWING CHANGES:

- 1. ELIMINATE TWO LAYER OF BOXES (24 BOXES).
- 2. ELIMINATE TWO HORIZONTAL STRAPS.
- 3. REDUCE THE TIEDOWN STRAP LENGTH TO 12'-5".

SEQUENTIAL PROCEDURES CONTINUED FROM PAGE 3

- 16. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE THIRD TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE D563 AND LIGHT D541 PALLET UNITS, OVER THE STRAPPING BOARD ASSEMBLY "B", BACK DOWN TO THE SEVENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. REPEAT WITH ANOTHER WEB STRAP TIEDOWN ASSEMBLY, STARTING AT THE SEVENTH ANCHOR ON THE FIRST SIDE OF THE CROP AND ENDING AT THE THIRD ANCHOR ON THE OPPOSITE SIDE OF THE CROP. CARE MUST BE TAKEN TO ENSURE THAT THE STRAPS ARE APPLIED IN SUCH A MANNER THAT THE RATCHET WILL BE OUT OF THE WAY, TO AVOID DAMAGE AND CONTACT WHEN THE CROP IS INSERTED INTO THE ISO CONTAINER.
- 17. INSTALL ONE WEB STRAP TIEDOWN ASSEMBLY FROM THE FIFTEENTH TIEDOWN ANCHOR ON ONE SIDE OF THE CROP, AT AN ANGLE OVER THE D563 PALLET UNITS, AROUND THE PALLET POSTS OF THE LIGHT COMBINATION N289/N523 PALLET UNIT, AND BACK DOWN TO THE FIFTEENTH TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE CROP. DO NOT INSTALL OVER THE HOLD-DOWN STRAP ATTACHED TO THE EIGHTEENTH TIEDOWN ANCHOR, THREAD BEHIND THIS STRAP, FLUSH AGAINST THE D563 PALLET UNIT.
- 18. NAIL THROUGH THE HOOK SLOT OF A HOLD-DOWN STRAP INTO EACH END OF THE SIDE BLOCKING ASSEMBLIES W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.
- 19. NAIL THROUGH THE STRAP ATTACHMENT SLOT OF THE HOLD-DOWN STRAP INTO EACH END OF THE SIDE BLOCKING ASSEMBLIES W/1-10d PARTIALLY DRIVEN NAIL AND BEND OVER SIDE OF HOOK.
- 20. NAIL TWO 12d RETAINING NAILS THRU THE SLOTS IN THE AFT CROP END GATE INTO THE AFT FILLER ASSEMBLY, LEAVING THE NAIL HEADS PROTRUDING THRU THE SLOTS TO PROVIDE LATERAL RESTRAINT.
- 21. NAIL THE TWO REMAINING 12d RETAINING NAILS THRU THE HOLES IN THE FORWARD CROP END GATE INTO THE FORWARD FILLER PIECES, LEAVING THE NAIL HEADS PROTRUDING THRU THE HOLES TO PROVIDE LATERAL AND VERTICAL RESTRAINT.



D533 PALLET UNIT DETAIL

24 CONTAINERS OF PROPELLING
CHARGES (1 PER PA37 CONTAINER) AT 42 LBS - 1,008 LBS (APPROX)
DUNNAGE - - - - - - - - 87 LBS
PALLET - - - - - - - - - 65 LBS

TOTAL WEIGHT - - - - - - - 1,160 LBS (APPROX)
CUBE - - - - - - - - - 37.8 CU FT (APPROX)

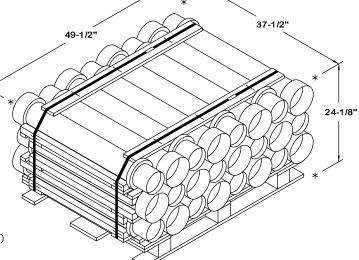
THE LIGHT D540 PALLET UNIT DEPICTED AT RIGHT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED IN THE CHART ON PAGE 4 WITH THE FOLLOWING CHANGES:

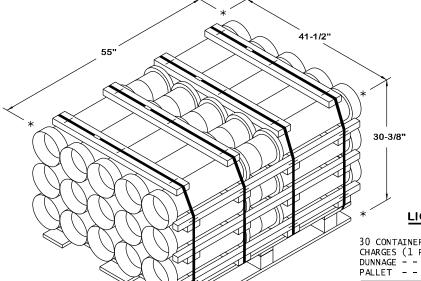
- 1. ELIMINATE TWO LAYERS OF CONTAINERS (16 CONTAINERS).
- 2. ELIMINATE ONE INTERMEDIATE DUNNAGE ASSEMBLY A AND ONE INTERMEDIATE DUNNAGE ASSEMBLY B.
- 3. REDUCE THE LOAD STRAP LENGTH TO 12'-6".

LIGHT D540 PALLET UNIT DETAIL

24 CONTAINERS OF PROPELLING
CHARGES (2 PER M14 CONTAINER) AT 28 LBS - - 672 LBS (APPROX)
DUNNAGE - - - - - - - - - - - 49 LBS
PALLET - - - - - - - - - - 65 LBS

TOTAL WEIGHT - - - - - - - 786 LBS (APPROX)
CUBE - - - - - - - - - 26.0 CU FT (APPROX)





THE LIGHT D541 PALLET UNIT DEPICTED AT LEFT SHOULD BE CONSTRUCTED IAW THE AMC DRAWING LISTED IN THE CHART ON PAGE 4 WITH THE FOLLOWING CHANGES:

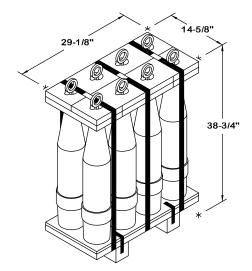
- 1. ELIMINATE TWO LAYERS OF CONTAINERS (20 CONTAINERS).
- 2. ELIMINATE TWO DUNNAGE ASSEMBLIES.
- 3. REDUCE THE TIEDOWN STRAP LENGTH TO 12'-2".

LIGHT D541 PALLET UNIT DETAIL

30 CONTAINERS OF PROPELLING
CHARGES (1 PER M13 CONTAINER) AT 30 LBS - - 900 LBS (APPROX)
DUNNAGE - - - - - - - - - - - - 93 LBS
PALLET - - - - - - - - - - - 80 LBS

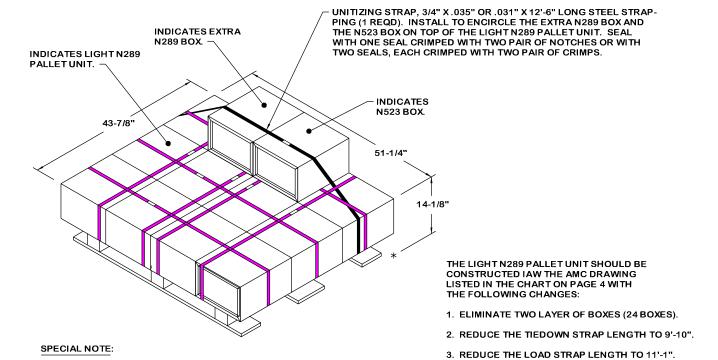
TOTAL WEIGHT - - - - - - - 1,073 LBS (APPROX) CUBE - - - - - - - - 40.2 CU FT (APPROX)

PAGE 5



D563 PALLET UNIT DETAIL

8 155MM CTG AT 103 LBS DUNNAGE AND PALLET	
TOTAL WEIGHT	

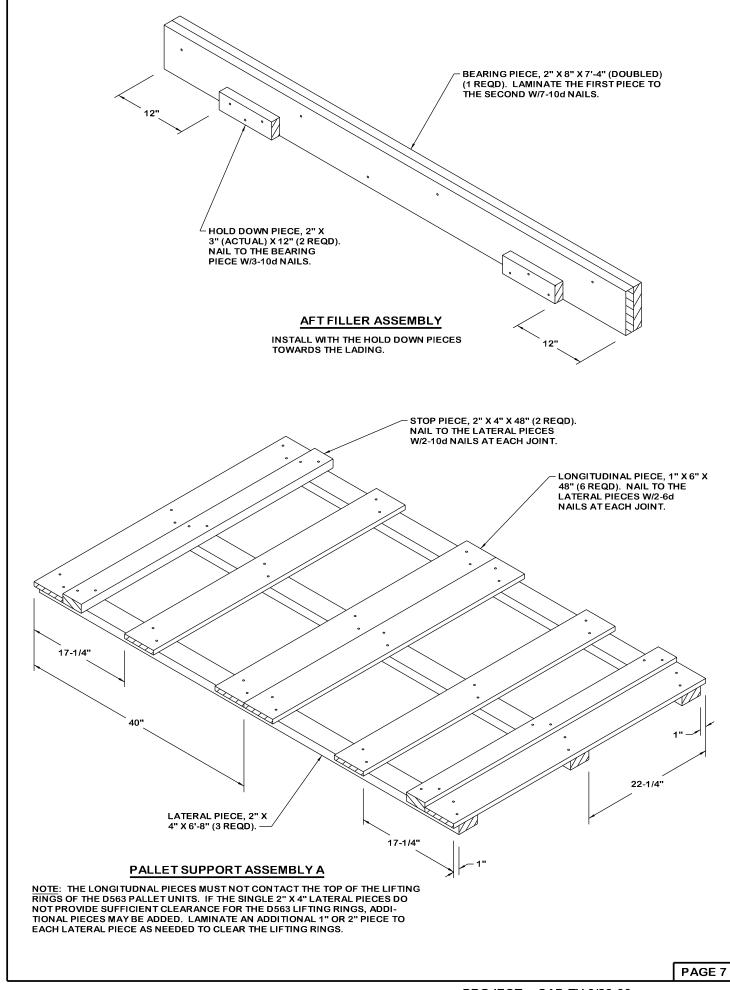


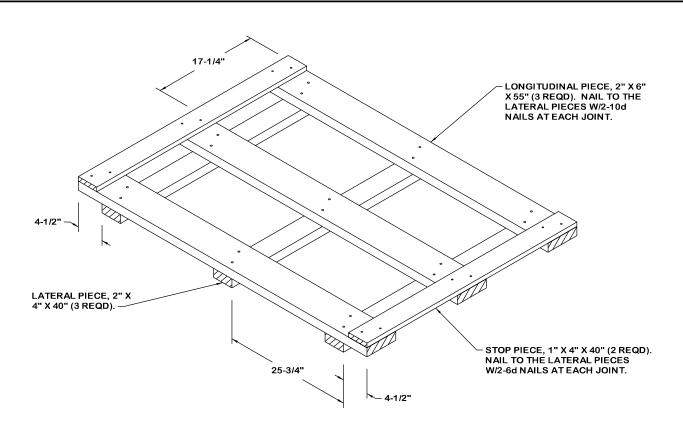
LIGHT N289/N523 COMBINATION PALLET UNIT DETAIL

13 BOXES OF FUZES (16 PER BOX) AT 40 LBS 1 LIGHT BOX OF PRIMERS (200 PER BOX) AT 25 LBS DUNNAGE	480 LBS (APPROX) 25 LBS (APPROX) 9 LBS 80 LBS
TOTAL WEIGHT	

AS SHOWN ABOVE.

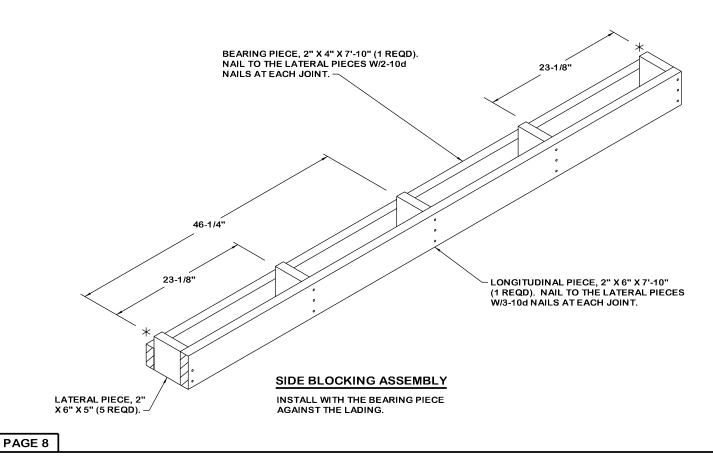
ALIGN THE TWO EXTRA BOXES WITH THE OUTER CENTER BOXES ON THE PALLET UNIT. INSTALL THE UNITIZATION STRAP OVER THE TWO BOXES, TOWARDS THE CENTER OF THE PALLET UNIT,

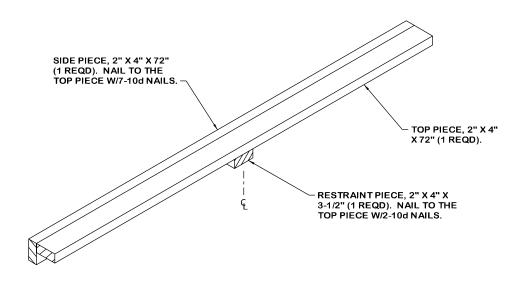




PALLET SUPPORT ASSEMBLY B

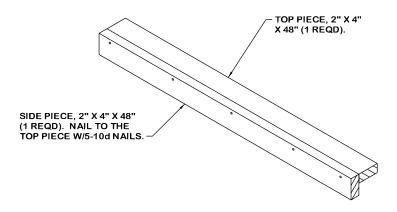
NOTE: THE LONGITUDNAL PIECES MUST NOT CONTACT THE TOP OF THE LIFTING RINGS OF THE D563 PALLET UNITS. IF THE SINGLE 2" X 4" LATERAL PIECES DO NOT PROVIDE SUFFICIENT CLEARANCE FOR THE D563 LIFTING RINGS, ADDITIONAL PIECES MAY BE ADDED. LAMINATE AN ADDITIONAL 1" OR 2" PIECE TO EACH LATERAL PIECE AS NEEDED TO CLEAR THE LIFTING RINGS.





STRAPPING BOARD ASSEMBLY A

INSTALL WITH THE RESTRAINT PIECE POSITIONED BETWEEN THE TWO LIGHT D541 PALLET UNITS.



STRAPPING BOARD ASSEMBLY B

NOTE: THE ASSEMBLY SHOWN ABOVE IS ROTATED 180° FROM THE ORIENTATION IT WILL BE INSTALLED IN FOR CLARITY PURPOSES.

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