APPENDIX 66E

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPO-NENTS ON 4-WAY ENTRY PALLETS

LAUNCHER, GRENADE, OR DISCHARGER, GRE-NADE, PACKED 4 PER M2A1 CONTAINER, 2 CON-TAINERS PER WIREBOUND BOX, UNITIZED 48 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 14-7/16" L X 12-17/32" W X 8-1/8" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

DISTRIBUTION STATEMENT A:

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U.S. ARMY MATERIEL COMMAND DRAWING

| APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND REHMSTEDT. Digital groupd by Hint California Covernment MARK.J.12305 overdoor covernment overdoo cuerkit, covernment overdoo cuerkit, covernment overdoo cuerkit, covernment | CAUTION: VERIFY PRIOR TO USE AT HTTPS://MHP.REDSTONE.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4. | | | | | | | |
|---|---|-------|--|------------------------------------|-------------|---------|----------|--|
| 48400 RDAR-EIL-TP | | | | | AUGUST 1996 | | | |
| | DESIGN | BASIC | SANDRA SCHULTZ | <u> </u> | A00001 1350 | | | |
| DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, | ENGINEER | REV. | RICHARD GARSIDE | REVISION NO. 3 MAY 2015 | | | | |
| .1230354282 Date: 2015.03.25 08:36:26 -0500' AMSJM-LIT | ENGINEERING DIVISON | | FIEFFER.LAUR | SEE THE REVISION LISTING ON PAGE 2 | | | | |
| APPROVED BY ORDER OF COMMANDING GENERAL, U.S ARMY MATERIEL COMMAND | TEST ENGIN | EER | Date: 2014.06.17 14:49.21 -05'00' FELICIANO.ADD Digitally signed by FELICIANO.ADIN: 1259200373 FELICIANO.ADIN: 2015 Coverement | CLASS | DIVISION | DRAWING | FILE | |
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| .R.1231257183 | EXPLOSIVE SAFETY DIRECTORATE | | TRIVITT.TERRY F.1230872011 Du-ryl cutS, cutS currentment, cu-Dob, Du-ryl cutS, cutS, currentment, curr | 19 | 48 | 66E | 20PA1002 | |

| PALLET UNIT DATA | | | | | | | | |
|--|--|--|-----------------|--|--|--|--|--|
| ITEMS INCL | UDED | *HAZARD | *сомраті- | APPROX WEIGHT (LBS) | | | | |
| NSN | DODIC | CLASS AND DIVISION | BILITY GROUP | | | | | |
| 1330- 01-459-4018 01-459-4032 01-484-7773 01-484-7775 01-124-5031 01-600-4632 01-449-9600 | FZ14 FZ15 FZ16 FZ17 G815 G978 GG03 | 1. 4 1. 4 1. 4 1. 4 1. 4 1. 4 1. 4 1. 4 | G G S S G G G | 1, 577 1, 577 1, 721 1, 721 1, 913 2, 197 2, 057 | | | | |

*HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PUR-POSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

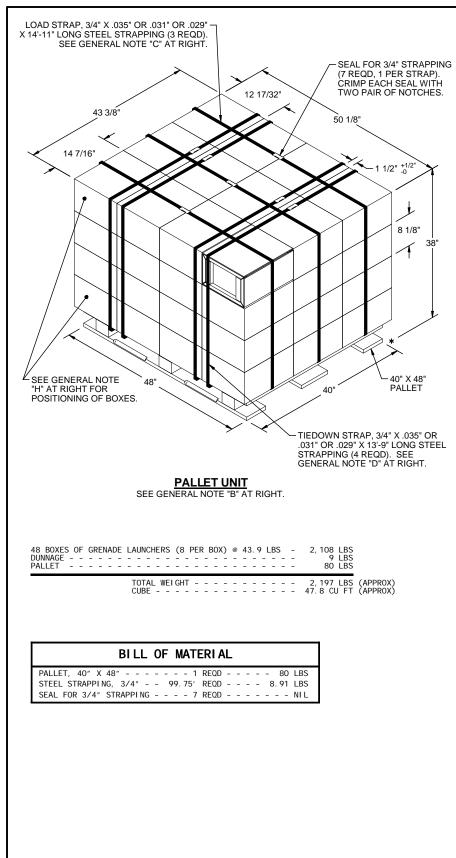
REVISIONS

REVISION NO. 1, DATED OCTOBER 1997, CONSISTS OF:

- 1. CHANGING DRAWING NOMENCLATURE.
- CHANGING QD CLASS IN "PALLET UNIT DATA" CHART.
 ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED NOVEMBER 2002, CONSISTS OF:

- 1. CHANGING DRAWING NOMENCLATURE.
- 2. ADDING PAGES 3 AND 4. ADDING ITEMS BY NATIONAL STOCK NUMBER (NSN) TO "PALLET UNIT DATA" CHART.
- 4. CHANGING WEIGHTS OF ITEMS IN "PALLET UNIT DATA" CHART.
- REVISION NO. 3, DATED MAY 2015, CONSISTS OF:
- 1. CHANGING FROM "MIL-P-15011" TO "MIL-DTL-15011" IN GENERAL NOTE
- "K". 2. ADDING ".029" TO STRAP THICKNESS OPTIONS ON PALLET UNIT
- ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO "PALLET UNIT DATA" CHART. NOTES. 3.



GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002. TO PRO-DUCE AN APPROVED UNIT LOAD, ALL PERTINENT PRO-CEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PRO-CEDURES DELINEATED IN THIS APPENDIX. ANY EXCEP-TIONS 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 DIMEN-SIONS OF THE BOXES AND THE WEIGHT OF THE SPECIF-IC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

| TRUCKLOADI NG | 19-48-4115-5PA1002 19-48-4117-11PA1003 19-48-4118-1-2-3-4-14 22PA1002 |
|------------------|--|
| END OPENING ISO | |
| CONTAINER | 19-48-4153-15PA1002 |
| MILVAN | 19-48-4166-15PA1003 |
| SIDE OPENING ISO | |
| CONTAINER | 19-48-4267-15PA1009 |

- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING GRENADE LAUNCHERS OR DISCHARGERS WHEN IDENTIFIED BY DIFFERENT NA-TIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- H. POSITION THE THREE OUTBOARD BOXES ON THE 40" SIDES OF THE BOTTOM LAYER OF THE UNIT WITH THE TOPS DOWNWARD, AND THE THREE OUTWARD BOXES ON THE 40" SIDES OF THE TOP LAYER OF THE UNIT WITH TOPS UPWARD.
- J. IF DEEMED MORE ECONOMICALLY FEASIBLE, THE AL-TERNATE FILLER ASSEMBLY MAY BE SUBSTITUTED FOR THE FILLER ASSEMBLY TO COMPLETE A LAYER ON A PALLET.
- K. THE STYLE 1 PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- L. FOR DETAILS OF THE MIL-DTL-46506 WIREBOUND BOX, SEE ARDEC DRAWING 7553347.

