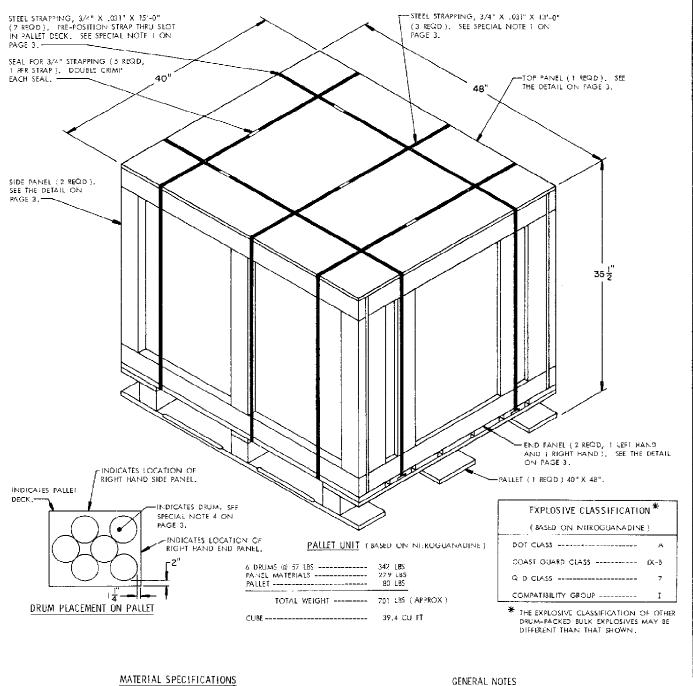
UNITIZATION PROCEDURES FOR BULK EXPLOSIVES WHEN PACKAGED IN A 14-1/2" DIAMETER BY 28" HIGH FIBERBOARD DRUM, OVERPACKED SIX PER PALLET UNIT (48"L X 40"W X 35-1/2"H) REQUIRING 40" X 48", 4-WAY ENTRY PALLET

THE PALLET UNIT DATA DISPLAYED HEREIN IS BASED ON DRUM PACKED NITROGUARADINE. HOWEVER, THE SPECIFIED UNITIZATION PROCEDURES ARE ALSO APPLICABLE TO OTHER DRUM-PACKED BULK EXPLOSIVES WHICH ARE PACKED IN THE SAME SIZE OR NEARLY THE SAME SIZE FIBERBOARD DRUM, PROVIDING THE GROSS WEIGHT OF A COMPLETE PALLET UNIT DOES NOT EXCEED 2, 200 POUNDS. HEIGHT ADJUSTMENTS TO THE PALLET UNIT WILL BE MADE DURING FABRICATION AS REQUIRED TO COMPENSATE FOR DRUMS THAT VARY SLIGHTLY IN SIZE FROM THE DESIGNATED DIMENSIONS OF 14-1/2' BY 28'. THE SPECIFIED PROCEDURES ARE APPLICABLE TO DRUMS WHICH HAVE DIAMETERS FROM 14-1/4' TO 14-1/2' AND HEIGHTS OF NOT MORE THAN 46'. DRUMS WHICH ARE 15-1/2' OR LESS IN HEIGHT CAN BE TRIPLETIERED WITHIN A PALLET UNIT AND THOSE THAT ARE NOT MORE THAN 23" HIGH CAN BE DOUBLE-TIERED.

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MATERIAL SPECIFICATIONS

PALLET ---- ; SOFTWOOD NSN 3990-00-926-3808 (FORMERLY) F5N 3990-926-3608). NSN 3909-00-141-/261 (FORMERLY HARDWOOD FSN 3909-141-7261). SEE MIL-STD-731, CLASS 2, GROUP II, III, OR IV. LUMBER ----: GROUP 3 OR C, GRADE C-D (EXTERIOR): FED SPEC PLYWOOD -----NN-P-530. NOTE: A BETTER GRADE MAY BE SUBSTITUTED. COMMON, CEMENT COATED OR CHEMICALLY ETCHED: FED SPEC FF-N-105. NAIL5 -- --ALT: ANNULAR-RING TYPE NAIL OF THE SAME SIZE. CLASS 1, TYPE I OR IV, HEAVY DUTY, FINISH B, GRADE 2, FED SPEC QQ-S-781. STRAPPING, STEEL -----: STAPLE, LUMBER ---- : TYPE III, STYLE 3, FED SPEC FF-N-105.

OC-5-781.

- -WAY ENTRY, SIZE 40° X 48", MIL-P-15011, STYLE 1. A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1. AND AUGMENTS TM 743-200-1 (CHAPTER 5).
 - B. DATA FOR FIBERBOARD DRUM WHEN PACKED WITH NITROGUANADINE:

DIMENSIONS ----- 14-1/2" DIAMFTER BY 28" HIGH. GROSS WEIGHT ----- 57 POUNDS (APPROX).

- C. PALLET UNIT DETAILS ARE BASED ON THE DIMENSIONS IDENTIFIED ABOVE. ANY VARIATION IN THE SIZE OF THE FIBER DRIMS ACTUALLY USED WILL REQUIRE A CORRESPONDING ADJUSTMENT IN THE UNIT DETAILS TO COMPENSATE. FOR EXAMPLE, IF THE DRUMS SHOULD ACTUALLY BE 27-1/2" HIGH, THE HEIGHT OF THE UNIT SIDE PANELS AND END PANELS WILL BE ADJUSTED ACCORDINGLY.
- D. WHERE PLYWOOD PANELS ARE SPECIFIED FOR VARIOUS LOCATIONS, THE DIMENSIONS ARE BASED ON USING ONE SOLID FIECE OF PLYWOOD FOR EACH PANEL. HOWEVER, IT IS PERMITTED TO ASSEMBLE SIDE PANELS FROM TWO PIECES PROVIDED THE CONSTRUCTED PANEL MEETS ALL SPECIFIED DIMENSIONAL CRITERIA. ONLY A HORIZONTAL BUT JOINT IS PERMITTED, AND NOT MORE THAN ONE JOINT PER SIDE PANEL. NEITHER PIECE OF PLYWOOD ON A PANEL WILL BE LESS THAN TWELVE INCHES (12") WIDE. WHEN TWO STRIPS OF PLYWOOD ARE USED ON A SIDE PANEL, EXTRA STAPLES WILL BE USED; ONE (1) NOT MORE THAN ONE INCH (1") FROM THE JOINT ON EACH SIDE OF THE BUTT JOINT AT EACH SPECIFIED STAPLING LOCATION.

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SHAL, STRAP----

TYPE D, STYLE I, II, OR IV, CLASS H, FED SPEC

