

LOADING, TIEDOWN, AND UNLOADING PROCEDURES[⊕] FOR COMPLETE ROUNDS IN/ON TACTICAL VEHICLES

<u>ITEM</u>	<u>INDEX</u>	<u>PAGE (S)</u>
GENERAL NOTES, AND MATERIAL SPECIFICATIONS -----		2
ITEMIZED INDEX -----		3
SECUREMENT OF PALLETIZED COMPLETE ROUND CONTAINERS -----		6-21
SECUREMENT OF LOOSE COMPLETE ROUND CONTAINERS -----		22-27
SECUREMENT OF LOOSE AND/OR PALLETIZED COMPLETE ROUND CONTAINERS ON THE HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT), 10-TON, M977 AND/OR M985 -----		28-45
SPECIAL PROCEDURES FOR LOADING AND/OR UNLOADING THE COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS WITHOUT LOOSENING OR REMOVING THE TIEDOWN STRAPS -----		35-39

⊕ THE PROCEDURES DEPICTED WITHIN THIS DRAWING ARE FOR OFF-HIGHWAY USE. HOWEVER, THEY MAY ALSO BE USED FOR ON-HIGHWAY USE, IF DESIRED.

REVISIONS		DRAFTSMAN <i>JMS/ds</i>	PROJ. ENG. <i>JDS</i>
		CHECKER <i>GBS</i>	LOG ENGRG OFFICE <i>W. E. Smith</i>
		APPROVED, U. S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND	
		<i>Severdy J. Graham</i>	
		APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL COMMAND (AMC)	
		<i>John L. Byrd</i>	
		U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	
		U. S. ARMY AMC DRAWING	
		APRIL 1987	
		CLASS	DIVISION
		19	48
		DRAWING	FILE
		4901/3	CA 17 Q2

DO NOT SCALE

GENERAL NOTES

(GENERAL NOTES CONTINUED)

- A. THIS DOCUMENT HAS BEEN PREPARED AND ISSUED IN ACCORDANCE WITH AR 740-1.
- B. THIS DRAWING COVERS PROCEDURES APPLICABLE TO THE TRANSPORT OF LOOSE AND/OR PALLETIZED COMPLETE ROUND CONTAINERS, SECURED WITH WEB STRAP TIEDOWN ASSEMBLIES, IN/ON TACTICAL TYPE VEHICLES, FOR ON AND/OR OFF HIGHWAY. SEE NOTE "D" BELOW.
- C. DEPICTED PROCEDURES APPLY TO TACTICAL VEHICLES HAVING FACTORY INSTALLED TIEDOWN ANCHORS AND/OR TACTICAL VEHICLES WHICH HAVE BEEN MODIFIED TO INCLUDE THE UNIVERSALLY APPLICABLE "TIEDOWN KIT" WHICH CONSISTS OF THE TIEDOWN FITTINGS OR ANCHOR DEVICES FOR INSTALLATION IN/ON CARGO BEDS, SIDE WALLS, AND/OR END WALLS, FOR USE WITH WEB STRAP TIEDOWN ASSEMBLIES. SEE PAGE 46 FOR GUIDANCE.
- D. ALL LOADS SHOWN HEREIN ARE TYPICAL AND ARE BASED ON TESTED PROCEDURES FOR OFF HIGHWAY TRANSPORT OF LOOSE AND/OR PALLETIZED COMPLETE ROUND CONTAINERS. COMBINATIONS OF PROCEDURES MAY BE USED IN/ON ANY TACTICAL VEHICLE. HOWEVER, THE APPROVED METHODS SPECIFIED HEREIN MUST BE FOLLOWED AS CLOSELY AS POSSIBLE.
- E. BECAUSE OF THE FACT THAT ALL LOADS SHOWN HEREIN ARE TYPICAL IT IS MOST LIKELY THAT THE ACTUAL QUANTITY TO BE TRANSPORTED WILL NOT BE DEPICTED. IN ORDER TO MAINTAIN SIMILARITY FROM ONE LOAD TO ANOTHER, INSTALLATIONS WHICH MAKE MULTIPLE SHIPMENTS OF THE SAME ITEM IN THE SAME TYPE OF VEHICLE, SHOULD MAKE AN ACTUAL PENCIL SKETCH OF THE LOAD, USING THE VARIOUS TYPICAL LOADS AND PROCEDURES SHOWN HEREIN FOR GUIDANCE. THIS SKETCH WOULD BE ADVANTAGEOUS FOR MAXIMUM LOADS USING A MINIMUM QUANTITY OF WEB STRAP TIEDOWN ASSEMBLIES.
- F. WEB STRAP TIEDOWN ASSEMBLIES MUST BE SECURELY HOOKED INTO ANCHORING DEVICES ON THE TRANSPORTING VEHICLE AND RATCHETED TIGHT, PRIOR TO MOVING THE VEHICLE. WHEN INSTALLING STRAPS ASSURE THAT THERE ARE NO "TWISTS" AND/OR "KNOTS" IN STRAP. THE STRAP MUST FORM A STRAIGHT "LAY" ON THE RATCHET TAKE-UP SPOOL WHEN TENSIONING. PRIOR TO RATCHETING THE STRAP TIGHT, PULL EXCESS LENGTH OF SLACK STRAP THROUGH THE RATCHET TAKE-UP SPOOL UNTIL ENOUGH STRAP LENGTH REMAINS TO FORM AT LEAST ONE-HALF, BUT NOT MORE THAN ONE AND ONE-HALF WRAPS OF STRAP ON THE RATCHET TAKE-UP SPOOL. AFTER STRAP-TO-STRAP CONTACT HAS BEEN MADE (STRAP-TO-STRAP CONTACT IS MADE BY ROTATING THE TAKE-UP SPOOL UNTIL NO METAL ON THE SPOOL IS SHOWING AND THE STRAP IS IN CONTACT WITH ITSELF). NOTE: WHEN THE TAKE-UP SPOOL OF THE RATCHET ASSEMBLY IS ROTATED BY MOVING THE RATCHET HANDLE TO TENSION A STRAP ASSEMBLY, TWO THICKNESSES OF STRAP WILL BE WOUND ONTO THE SPOOL AT THE SAME TIME. THEREFORE, THE REQUIREMENT FOR ONE-HALF TO ONE AND ONE-HALF WRAPS OF STRAP ON THE TAKE-UP SPOOL ACTUALLY MEANS ONE-HALF TO ONE AND ONE-HALF OF DOUBLED STRAP. ONE METHOD THAT CAN BE USED TO ENSURE THERE IS ONE-HALF WRAP OF STRAP ON THE RATCHET TAKE-UP SPOOL AFTER STRAP-TO-STRAP CONTACT HAS BEEN MADE, IS TO COUNT THE AUDIBLE "CLICKS" MADE BY THE RATCHET ASSEMBLY AS A WEB STRAP IS BEING RATCHETED. FOR EXAMPLE, IF THE RATCHET ASSEMBLY HAS NINE TEETH, STARTING WITH A BARE TAKE-UP SPOOL, COUNT FOURTEEN "CLICKS" AS THE TAKE-UP SPOOL IS BEING ROTATED. IF THE RATCHET ASSEMBLY HAS ELEVEN TEETH, COUNT SEVENTEEN "CLICKS". AFTER A STRAP ASSEMBLY HAS BEEN PROPERLY TENSIONED, CARE MUST BE EXERCISED TO ASSURE THAT THE TAKE-UP SPOOL LOCKING LATCH (SPRING-LOADED DEVICE WITH A LOCKING BAR ON EACH SIDE OF THE RATCHET ASSEMBLY) IS FULLY SEATED ON BOTH SIDES IN MATCHING LOCKING NOTCHES, WHICH ARE SIMILAR TO SPROCKET GEAR TEETH, LOCATED ON EACH END OF THE TAKE-UP SPOOL. AFTER TENSIONING IS COMPLETED THE LOOSE END OF STRAP MAY BE FOLDED AND SECURED TO THE TENSIONED STRAP WITH TAPE, WIRE, STRING, VELCRO STRIP, OR OTHER MEANS.
- G. ADJUSTABLE SCUFF SLEEVES, WHEN PROVIDED ON WEB STRAP ASSEMBLIES, WILL BE LOCATED TO PROVIDE A PAD WHERE STRAPS PASS OVER SHARP EDGES, OR RATCHETS AND HOOKS ON PREVIOUSLY INSTALLED WEB STRAP TIEDOWN ASSEMBLIES. METAL PARTS OF A STRAP ASSEMBLY SHOULD BE LOCATED SO AS TO AVOID CONTACT WITH THE COMPLETE ROUND CONTAINERS. IF CONTACT CANNOT BE AVOIDED, A SUITABLE ANTI-CHAFING MATERIAL AS LISTED UNDER THE MATERIAL SPECIFICATIONS BELOW, MUST BE POSITIONED BETWEEN THE METAL PARTS OF A STRAP ASSEMBLY AND THE COMPLETE ROUND CONTAINERS, AND IF NECESSARY, TAPED OR TIED IN POSITION.
- H. IF THE SIDE RACKS FOR A SEMITRAILER ARE TO BE TRANSPORTED ON THE LOADED TRAILER, THEY WILL BE STACKED ON THE TRAILER AND SECURED WITH A SUFFICIENT QUANTITY OF WEB STRAP TIEDOWN ASSEMBLIES TO PREVENT LOSS DURING TRANSPORT. NOTE: IF DESIRED, THE SIDE RACKS FOR THE M871 AND M872 SEMITRAILERS MAY BE POSITIONED IN PLACE AFTER THE LOAD HAS BEEN SECURED, AFTER ALL SIDE PANELS AND REAR PANELS ARE IN POSITION, THE STAKES MUST BE SECURELY "PINNED" OR "WIRE-TIED" TO THE STAKE POCKETS TO PREVENT VERTICAL DISPLACEMENT DURING TRANSPORT. ALSO, THE SIDE PANELS MUST BE SECURED AT THE TOP WITH THE CROSS-CHAINS WHICH ARE PROVIDED WITH THE VEHICLE. NOTE: THESE PROCEDURES DO NOT APPLY TO M871 AND M872 SEMITRAILERS WHICH HAVE BEEN MODIFIED WITH DROP SIDES.
- J. THE TIEDOWN PROCEDURES SHOWN WITHIN THIS DRAWING ALSO APPLY TO DROP SIDE VEHICLES HAVING TIEDOWN ANCHORS INSTALLED ON THE DROP SIDES. THE TAILGATE MUST ALWAYS BE IN THE CLOSED POSITION TO HELP STRENGTHEN THE DROP SIDES, WHEN THIS TYPE OF VEHICLE IS BEING USED TO TRANSPORT AMMUNITION.
- K. DURING LONG HAULS, WHEN POSSIBLE, STRAPS SHOULD BE CHECKED DURING VEHICLE STOPS AND TIGHTENED, IF NECESSARY.
- L. PROCEDURES DEPICTED HEREIN ARE TYPICAL IN NATURE RELATIVE TO ITEM LOCATION IN/ON THE VEHICLES AND THE QUANTITIES SHOWN. ITEM LOCATION AND QUANTITIES OF THE DESIGNATED ITEM MAY BE VARIED TO SATISFY OPERATIONAL REQUIREMENTS. PROVIDED LOADING AND TIEDOWN PRINCIPLES SPECIFIED HEREIN ARE RETAINED.
- M. THE TIEDOWN METHODS WITHIN THIS DRAWING SHOW TWO HOOKS TO BE CONNECTED TO ONE TIEDOWN EYE. THIS IS AUTHORIZED AS SPECIFIED HEREIN, WITH THE EXCEPTION OF THE LOADS SHOWN ON PAGES 36 AND 37, SEE LOAD GUIDANCE NOTE 7 ON PAGES 36 AND 37.
- N. 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.
- O. ONLY THE CARGO BODIES OR BEDS OF THE TACTICAL VEHICLES HAVE BEEN SHOWN HEREIN TO PREVENT DISTRACTION FROM THE DELINEATED LOADING AND TIEDOWN PROCEDURES, AND ARE SHOWN IN OUTLINE FORM WITH THE STRUCTURAL PORTIONS OMITTED AS NECESSARY TO IMPROVE THE CLARITY OF THE DEPICTED PROCEDURES.
- P. WHEN ONE WEB STRAP TIEDOWN ASSEMBLY IS NOT LONG ENOUGH TO SPAN THE DISTANCE DEPICTED, TWO ASSEMBLIES MAY BE HOOKED TOGETHER TO GAIN THE NECESSARY LENGTH.
- Q. RATCHETS ON WEB STRAP TIEDOWN ASSEMBLIES WILL BE POSITIONED AS INSTRUCTED IN THE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES" ON PAGE 5, THE "SPECIAL NOTE" ON PAGES 6, 22, AND 28, AND THE "LOAD GUIDANCE NOTE" AND "KEY NUMBERS" ON EACH PAGE DEPICTING TIEDOWN PROCEDURES. DUE TO THE DIFFERENT TYPES OF WEB STRAP TIEDOWN ASSEMBLIES, THE RATCHETS ARE NOT SHOWN IN THE TIEDOWN PROCEDURES (WITH THE EXCEPTION OF THE "SPECIAL PROCEDURES" ON PAGES 35 THROUGH 39).
- R. DUE TO VARIOUS REASONS, SUCH AS ROUGH TERRAIN DURING OFF HIGHWAY TRANSPORT, PANIC STOPS, METAL FLOORS ON VEHICLES AND NORMAL STRETCH OF WEB STRAPS, LOADED ITEMS MAY SLIDE SLIGHTLY Laterally AND/OR LONGITUDINALLY DURING TRANSPORT. THIS IS AN ACCEPTABLE CHARACTERISTIC AND IS NOT DETRIMENTAL TO LOAD SECUREMENT.
- S. FOR ADDITIONAL GUIDANCE ATTENTION IS DIRECTED TO THE LOADING, TIEDOWN, AND UNLOADING PROCEDURES ON PAGE 5, AND THE "SPECIAL NOTES" SECTIONS ON PAGES 6, 22, AND 28.

(CONTINUED AT RIGHT)

MATERIAL SPECIFICATIONS

STRAP -----: WEBBING, UNIVERSAL TIEDOWN, NSN 5340-00-980-9277, PN 10900880; OR NSN 1670-00-725-1437, PN 1376-013.
ALTERNATIVE: NSN 5340-01-089-4997, PN 11669588.

ANTI-CHAFING MATERIAL -----: CANVAS, BURLAP, TAPE OR ANY OTHER SUITABLE MATERIAL.

INDEX

ITEM	PAGE (S)
GENERAL NOTES AND MATERIAL SPECIFICATIONS -----	2
ITEMIZED INDEX -----	3
TYPICAL LADING ITEMS -----	4
LOADING, TIEDOWN, AND UNLOADING PROCEDURES -----	5

SECUREMENT OF PALLETIZED COMPLETE ROUND CONTAINERS

SPECIAL NOTES -----	6
PALLETIZED UNIT IN TRAILER, AMMUNITION, 1-1/2-TON, M332 ---	7
PALLETIZED UNIT IN TRAILER, CARGO, 1-1/2-TON, M105 -----	8
PALLETIZED UNIT IN TRUCK, CARGO, 1-1/4-TON, M1008, (CUCV) --	9
PALLETIZED UNITS IN TRUCK, CARGO, 2-1/2-TON, M35 AND/OR M211 -	10
PALLETIZED UNITS IN TRUCK, DUMP, 5-TON, M51 -----	11
PALLETIZED UNITS IN TRUCK, CARGO, 5-TON, M54 -----	12-14
PALLETIZED UNITS IN TRUCK, CARGO, 5-TON, M55 -----	15
PALLETIZED UNITS IN CARRIER, CARGO, TRACKED, 6-TON, M548 -----	16, 17
PALLETIZED UNITS IN TRUCK, CARGO, 8-TON, M520 -----	18
PALLETIZED UNITS ON SEMITRAILER, STAKE, 12-TON, M127 ---	19
PALLETIZED UNITS ON SEMITRAILER, 22-1/2-TON, M871 -----	20
PALLETIZED UNITS ON SEMITRAILER, 34-TON, M872 -----	21
NOTE: IF LOADING A "HEMTT" SEE SPECIAL HEMTT LOADING SECTION BELOW.	

SECUREMENT OF LOOSE COMPLETE ROUND CONTAINERS

SPECIAL NOTES -----	22
LOOSE CONTAINERS SECURED ON PALLET -----	23
LOOSE CONTAINERS, BUNDLED, ON FLOOR OF VEHICLE -----	24, 25
LOOSE CONTAINERS, SECURED ON TOP OF PALLETIZED UNITS ---	26, 27
NOTE: IF LOADING A "HEMTT" SEE SPECIAL HEMTT LOADING SECTION BELOW.	

SECUREMENT OF LOOSE AND/OR PALLETIZED COMPLETE ROUND CONTAINERS IN THE HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT), 10-TON, M977 AND/OR M985

SPECIAL NOTES -----	28
PALLETIZED UNITS -----	29-39
LOOSE CONTAINERS, BUNDLED, ON FLOOR OF VEHICLE -----	40, 41
LOOSE CONTAINERS, SECURED ON PALLET -----	42, 43
LOOSE CONTAINERS, SECURED ON TOP OF PALLETIZED UNITS --	44, 45
NOTE: PAGES 35 THROUGH 39 DEPICT SPECIAL PROCEDURES FOR LOADING AND/OR UNLOADING THE COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS WITHOUT LOOSENING OR REMOVING THE TIEDOWN STRAPS.	

DETAILS

TIEDOWN ANCHOR DETAILS -----	46
------------------------------	----

NOTE *: THE TACTICAL VEHICLES LISTED IN THE INDEX ABOVE AND SHOWN WITHIN THIS DRAWING WERE SELECTED AS TYPICAL ONLY. OTHER TYPES OF VEHICLES MAY BE USED IN LIEU OF THOSE SHOWN AS LONG AS THEY COMPLY WITH GENERAL NOTE "C" ON PAGE 2. SEE THE "LOAD PLANNING GUIDANCE CHART" ON THIS PAGE. ALSO, THE PALLETIZED AND/OR LOOSE COMPLETE ROUNDS SHOWN IN THE TACTICAL VEHICLES HAVE BEEN SELECTED AS TYPICAL AND THE METHODS USED TO SECURE THEM MAY BE USED FOR OTHER TYPES OF COMPLETE ROUNDS.

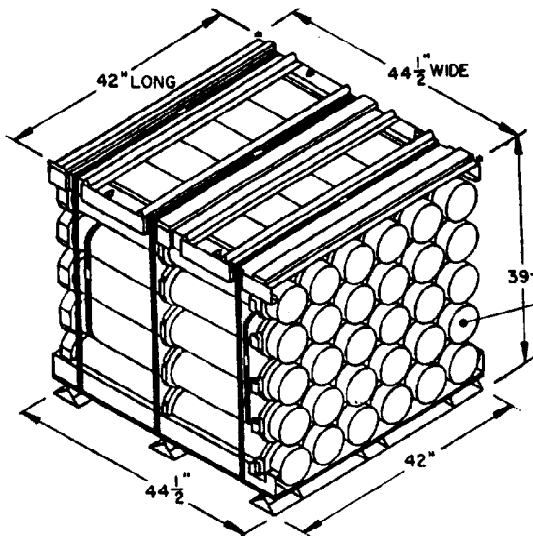
LOAD PLANNING NOTES:

1. DETERMINE THE QUANTITY OF PALLETIZED UNIT (S) AND/OR LOOSE COMPLETE ROUND CONTAINERS TO BE LOADED IN/ON THE TACTICAL VEHICLE.
2. SELECT THE BEST METHOD OF SECURING THE PALLETIZED UNIT (S) AND/OR LOOSE COMPLETE ROUND CONTAINERS FROM THE METHODS SHOWN ON THE REFERENCED PAGES. **NOTE:** A COMBINATION OF METHODS MAY BE USED ON/WITHIN THE SAME TACTICAL VEHICLE.

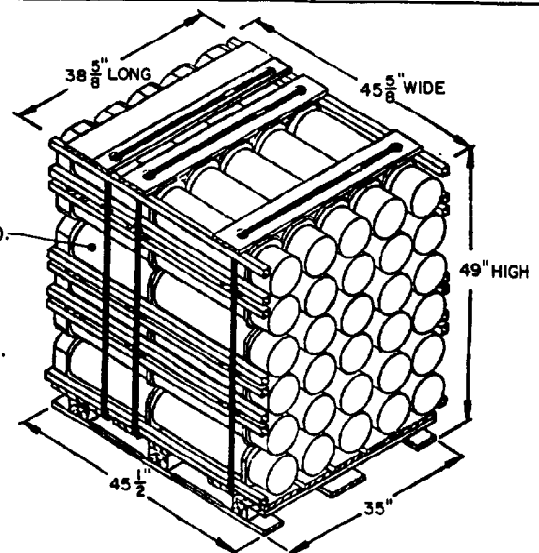
LOAD PLANNING GUIDANCE CHART

WHEN TRANSPORTING PALLETIZED AND/OR LOOSE COMPLETE ROUND CONTAINERS ON TACTICAL VEHICLES, USE THE FOLLOWING CHART FOR LOAD PLANNING GUIDANCE. ALL OF THE VEHICLES LISTED IN THE CHART ARE NOT SHOWN IN THIS DOCUMENT. OTHER TYPES OF VEHICLES NOT LISTED IN THIS CHART MAY BE USED AS LONG AS THEY COMPLY WITH GENERAL NOTE "C" ON PAGE 2. SEE NOTE * ON THIS PAGE AND "LOAD PLANNING NOTES" AT LEFT BELOW.

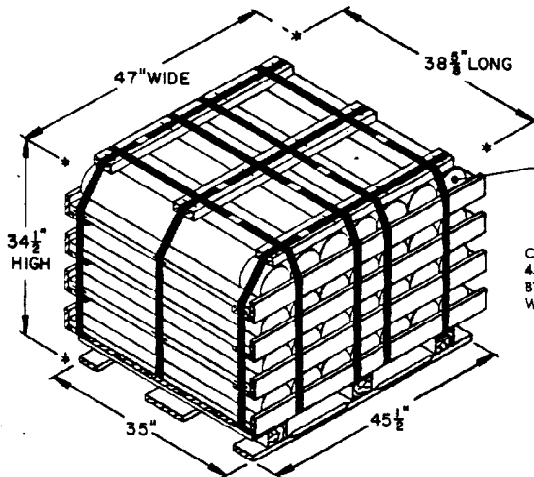
TACTICAL VEHICLE			PROPELLING CHARGES	
			PALLETIZED SEE PAGE (S)	LOOSE SEE PAGE (S)
M100	CARGO TRAILER	1/4-TON	NOT APPLICABLE	22 THRU 25
M101	CARGO TRAILER	3/4-TON	NOT APPLICABLE	22 THRU 25
M105	CARGO TRAILER	1-1/2-TON	7, 8, 9	22 THRU 27
M332	AMMO TRAILER	1-1/2-TON	7, 8, 9	22 THRU 27
M127	SEMITRAILER	12-TON	7 THRU 21	22, 24, 27
M871	SEMITRAILER	22-1/2-TON	7 THRU 21	22, 24, 27
M872	SEMITRAILER	34-TON	7 THRU 21	22, 24, 27
M37	CARGO TRUCK	3/4-TON	NOT APPLICABLE	22 THRU 27
M561	CARGO TRUCK	1-1/4-TON	7, 8, 9	22 THRU 27
M715	CARGO TRUCK	1-1/4-TON	7, 8, 9	22 THRU 27
M1008	CARGO TRUCK	1-1/4-TON	7, 8, 9	22 THRU 27
M34	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M35	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M36/M36C	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M135	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M211	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M602	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M621	CARGO TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M47	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M59	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M215	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M342	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M614	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M624	DUMP TRUCK	2-1/2-TON	7 THRU 16	22 THRU 27
M41	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M54	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M55	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M656	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M813	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M814	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M939	CARGO TRUCK	5-TON	7 THRU 16	22 THRU 27
M51	DUMP TRUCK	5-TON	7 THRU 16	22 THRU 27
M817	DUMP TRUCK	5-TON	7 THRU 16	22 THRU 27
M548	CARGO CARRIER	6-TON	7 THRU 17	22 THRU 27
M520	CARGO TRUCK	8-TON	7 THRU 18	22 THRU 27
M125	CARGO TRUCK	10-TON	7 THRU 16	22 THRU 27
M977/M985	CARGO TRUCK	10-TON	29 THRU 39	40 THRU 45



COMPLETE ROUND, 105MM, PACKED IN PA117 SERIES CONTAINER (1,883 POUNDS)

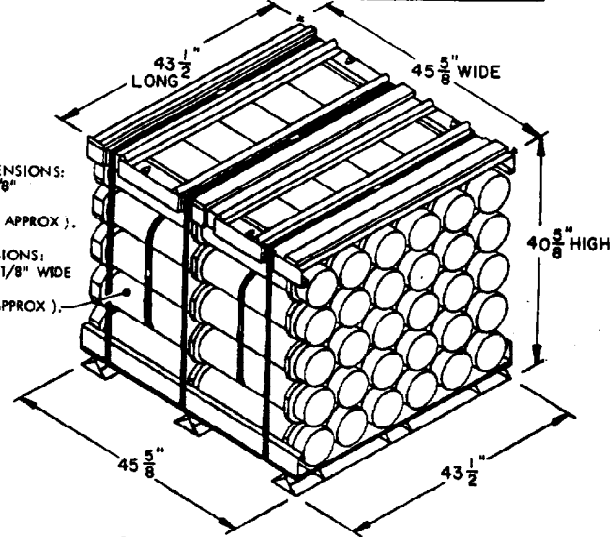


COMPLETE ROUND, 105MM, PACKED IN PA104 SERIES CONTAINER (2,408 POUNDS)

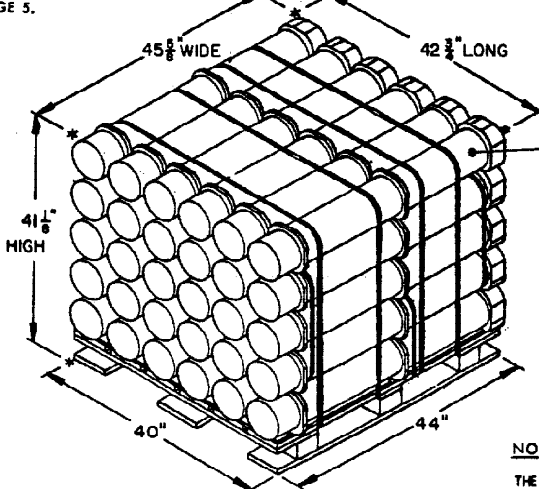


COMPLETE ROUND, 105MM, PACKED IN M152 SERIES CONTAINER (2,147 POUNDS)

SEE LOADING, TIEDOWN, AND UNLOADING PROCEDURES, NOTE 9 ON PAGE 5.



COMPLETE ROUND, 105MM, PACKED IN PA104 SERIES CONTAINER (2,733 POUNDS)



COMPLETE ROUND, 105MM, PACKED IN PA104 SERIES CONTAINER (2,343 POUNDS)

SEE LOADING, TIEDOWN, AND UNLOADING PROCEDURES NOTE 10 ON PAGE 5.

CONTAINER DIMENSIONS:
45-5/8" LONG BY 7-1/8"
WIDE BY 7-1/8" HIGH.
WT: 75 POUNDS (APPROX).

CONTAINER DIMENSIONS:
44-1/2" LONG BY 6-7/8"
WIDE BY 6-7/8" HIGH.
WT: 57 POUNDS (APPROX).

CONTAINER DIMENSIONS:
37-1/2" BY 6-1/8"
DIAMETER.
WT: 71 POUNDS (APPROX).

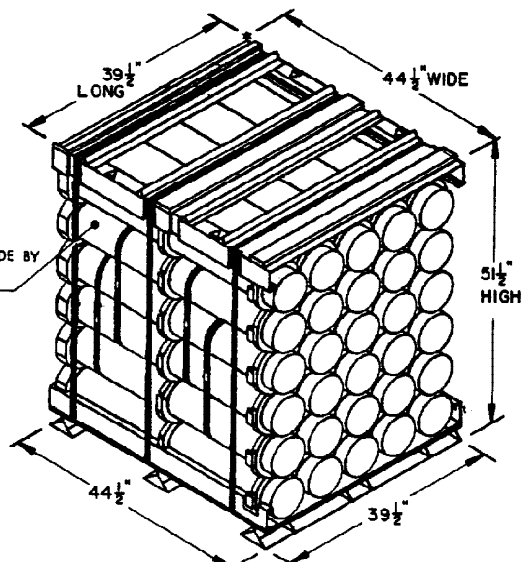
CONTAINER DIMENSIONS:
45-5/8" LONG BY 7-1/8"
WIDE BY 7-1/8" HIGH.
WT: 85 POUNDS (APPROX).

CONTAINER DIMENSIONS:
45-5/8" LONG BY 7-1/8"
WIDE BY 7-1/8" HIGH.
WT: 75 POUNDS (APPROX).

CONTAINER DIMENSIONS:
44-1/2" LONG BY 7-3/4" WIDE BY
7-3/4" HIGH.
WT: 75 POUNDS (APPROX).


NOTE:

THE PALLETIZED COMPLETE ROUNDS SHOWN ON THIS PAGE WERE SELECTED AS TYPICAL AND ARE DEPICTED IN LOADS WITHIN THIS DOCUMENT.



COMPLETE ROUND, 120MM, PACKED IN PA116 SERIES CONTAINER (2,391 POUNDS)

TYPICAL LADING ITEMS

1. PRIOR TO LOADING AND/OR UNLOADING, SET BRAKES ON TACTICAL VEHICLE AND DROP TAILGATE. IF LOADING AND/OR UNLOADING TRUCK OR TRAILER, REMOVE SIDE RACKS FROM SEMITRAILERS AND CANVAS COVER AND BOWS FROM TRUCK OR TRAILER.
2. AFTER ALL LOADING PROCEDURES ARE COMPLETE, CHECK ALL WEB STRAP TIEDOWN ASSEMBLIES FOR MAXIMUM TIGHTNESS AND RATCHET TIGHTER, IF REQUIRED, PRIOR TO FOLDING UP AND SECURING THE LOOSE ENDS OF STRAP. SEE GENERAL NOTE "G" ON PAGE 2.
3. WHEN TWO STRAPS ARE TO BE ATTACHED TO THE SAME TIEDOWN ANCHOR, ATTACH THE RATCHET END OF ONE STRAP AND THE NON-RATCHET END OF THE SECOND STRAP TO THE TIEDOWN ANCHOR, PRIOR TO RATCHETING STRAPS TIGHT.
4. IF THE WEB STRAP TIEDOWN ASSEMBLIES BEING USED DO NOT HAVE SWIVEL HOOKS ON EACH END, ASSURE THAT ALL TWISTS ARE OUT OF STRAP PRIOR TO ATTACHING HOOKS TO TIEDOWN ANCHORS.
5. WHEN TRANSPORTING LESS THAN FULL LOADS ON TRUCKS AND/OR SEMI-TRAILERS, DO NOT POSITION PALLETS WITHIN FIVE FEET OF AFT END, IF POSSIBLE, AS THIS IS THE ROUGHEST RIDING AREA IN/ON THE VEHICLE.
6. WHEN USING WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE RATCHET AND NON-SWIVEL HOOK ON THE END OF THE STRAP, IT MAY NOT BE POSSIBLE TO PROPERLY OPERATE THE RATCHET IF THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12" AND THE STRAP IS POSITIONED AT A STEEP, NEAR VERTICAL ANGLE. IF THE RATCHET CANNOT BE PROPERLY OPERATED TO ATTAIN A TIGHT STRAP, USE ONE OR MORE OF THE FOLLOWING METHODS.
 - A. HOOK THE RATCHET ENDS OF TWO WEB STRAP TIEDOWN ASSEMBLIES TOGETHER. POSITION THE RATCHETS ON TOP OF THE PALLETIZED UNITS, AND ATTACH THE NON-RATCHET HOOK END OF EACH STRAP TO A TIEDOWN ANCHOR ON EACH SIDE OF THE VEHICLE. MAKE SURE THERE IS A MINIMUM OF ONE-AND-ONE-HALF WRAPS OF STRAP ON ONE RATCHET, THEN TAKE UP EXCESS SLACK IN REMAINING RATCHET AND RATCHET TIGHT. THIS METHOD REQUIRES TWO WEB STRAP TIEDOWN ASSEMBLIES IN LIEU OF EACH STRAP MARKED , WHEN USING THE PROCEDURES SHOWN ON PAGES 7, 11, 12, 14, 16, 17, AND 18.
 - B. IF A MAXIMUM LOAD IS NOT REQUIRED, THE PALLETIZED UNITS CAN BE POSITIONED ONE WIDE, DOWN THE CENTER OF THE VEHICLE LENGTH, IN LIEU OF TWO WIDE. SEE THE LOAD SHOWN ON PAGE 15 FOR EXAMPLE.
 - C. TWO LATERALLY ADJACENT PALLETIZED UNITS MAY BE CENTERED BETWEEN TWO TIEDOWN ANCHORS ON EACH SIDE OF THE VEHICLE THAT ARE FARTHER APART THAN THE PALLETIZED UNIT WIDTH, TO WHICH THE HOLD-DOWN WEB STRAPS CAN BE ATTACHED, AND WHICH WILL PROVIDE CLEARANCE BETWEEN THE PALLETIZED UNIT AND THE STRAP RATCHET, AND BETWEEN THE SIDE WALLS OF THE VEHICLE AND THE STRAP RATCHET. SEE THE LOAD SHOWN ON PAGE 13 FOR EXAMPLE.
 - D. ONE PALLETIZED UNIT HAVING A LENGTH OF 40" OR LESS CAN BE POSITIONED LATERALLY ADJACENT TO THE PALLETIZED UNIT HAVING A LENGTH OF 42" OR MORE, TO REDUCE THE TOTAL LOAD WIDTH. SEE THE LOAD SHOWN ON PAGE 14 FOR EXAMPLE.
 - E. WHEN LOADING LATERALLY ADJACENT PALLETIZED UNITS ACROSS THE WIDTH OF A VEHICLE HAVING SIDE WALLS, RATCHET OPERATING SPACE CAN BE GAINED BY ATTACHING NON-RATCHET ENDS OF STRAP TO TIEDOWN ANCHORS IN SIDE WALL AND THEN POSITIONING THE PALLETIZED UNITS AS CLOSE TO THAT SIDE WALL AS POSSIBLE, LEAVING EXCESS SPACE BETWEEN THE LOAD AND THE SIDE WALL ON THE OPPOSITE SIDE OF THE VEHICLE WHERE THE RATCHET WILL BE LOCATED. THIS METHOD MAY ALSO BE USED IN VEHICLES HAVING TIEDOWN ANCHORS LOCATED ON THE FLOOR ALONG EACH SIDE OF THE VEHICLE. AFTER ATTACHING NON-RATCHET ENDS OF STRAP TO TIEDOWN ANCHORS IN FLOOR, POSITION THE PALLETIZED UNITS AS CLOSE TO THE TIEDOWN ANCHORS ON THAT SIDE AS POSSIBLE.
 - F. A WEB STRAP ASSEMBLY, SUCH AS NSN 5340-01-089-4997, HAVING A SHORT LENGTH OF STRAP (AT LEAST 15") BETWEEN THE RATCHET AND THE HOOK END MAY BE USED. THIS TYPE OF WEB STRAP POSITIONS THE RATCHET ABOVE THE SIDE WALLS IN CARGO TRUCKS AND ALLOWS FOR EASY OPERATION OF THE RATCHET HANDLE.
7. IN SOME LOADS IT MAY NOT BE POSSIBLE TO COMPLETELY CLOSE THE RATCHET HANDLE AFTER TENSIONING STRAP DUE TO LOAD, VEHICLE SIDE WALL, OR PREVIOUSLY INSTALLED STRAP INTERFERENCE. ALTHOUGH THIS CONDITION IS NOT DESIRABLE, IT IS PERMISSIBLE, PROVIDED PROPER STRAP TENSION IS ACHIEVED. **NOTE:** WHEN ATTACHING A WEB STRAP TIEDOWN ASSEMBLY THAT HAS THE ONE PIECE RATCHET AND NON-SWIVEL HOOK ON THE END OF THE STRAP, TO A TIEDOWN ANCHOR ON THE VEHICLE SIDE WALL, IT MAY BE EASIER TO "WORK" THE RATCHET HANDLE IF IT IS POSITIONED ON THE BOTTOM IN LIEU OF THE TOP. THE POSITION OF THE RATCHET HANDLE WILL DEPEND ON THE ANGLE OF THE STRAP AND THE DISTANCE BETWEEN THE LOAD AND THE SIDE WALL OF THE VEHICLE.
8. LOADING AND/OR UNLOADING PALLETIZED AND/OR LOOSE COMPLETE ROUND CONTAINERS MAY BE ACCOMPLISHED BY USE OF FORKLIFTS, SLINGS, AND/OR MANUALLY.
9. WHEN POSITIONING WEB STRAP TIEDOWN ASSEMBLIES OVER THE TOP OF A PALLETIZED UNIT OF M152 SERIES CONTAINERS, THAT IS POSITIONED WITH THE 38-5/8" DIMENSION PARALLEL TO THE SIDE OF THE VEHICLE, AS SHOWN IN THE LOAD ON PAGE 16, THREAD THE WEB STRAP ASSEMBLIES UNDER THE STEEL UNITIZING STRAPS ON THE PALLETIZED UNIT, OR TURN THE PALLETIZED UNIT SO THE 47" DIMENSION IS PARALLEL TO THE SIDE OF THE VEHICLE. SEE PAGE 4 FOR DETAILS OF THE 105MM M152 SERIES CONTAINER PALLETIZED UNIT.
10. PALLETIZED UNITS SUCH AS THE 105MM PACKED IN THE PA104 SERIES CONTAINER SHOWN IN THE BOTTOM LEFT CORNER OF PAGE 4, MUST ALWAYS BE POSITIONED IN/ON THE VEHICLE WITH THE 45-5/8" DIMENSION PARALLEL TO THE SIDE OF THE VEHICLE AS SHOWN IN THE LOAD ON PAGE 10. THIS PALLETIZED UNIT DOES NOT HAVE ANY SUPPORT FOR HOLD DOWN STRAPS WHEN POSITIONED WITH THE 42-3/4" DIMENSION PARALLEL TO THE SIDE OF THE VEHICLE.

(CONTINUED AT RIGHT)

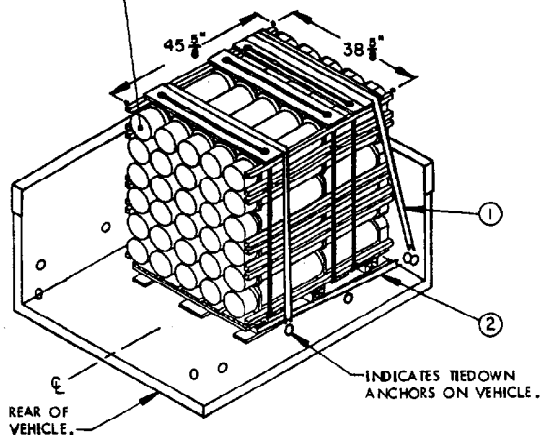
SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

1. THE LOADS SHOWN ON PAGES 7 THROUGH 21 ARE BASED ON TESTED METHODS OF SECURING PALLETIZED COMPLETE ROUND CONTAINERS IN/ON TACTICAL VEHICLES. THE PROCEDURES SHOWN CAN BE USED IN/ON CARGO TRUCKS SUCH AS THE M54, 5 TON, AND CARGO TRAILERS SUCH AS THE M105, 1-1/2 TON, HAVING TIEDOWN ANCHORS LOCATED IN THE SIDE WALLS AND END WALLS. ALSO, THE PROCEDURES SHOWN CAN BE USED ON SEMITRAILERS SUCH AS THE M871, 22-1/2 TON, AND CARGO TRUCK, SUCH AS THE M977, 10 TON, HEMTT, HAVING TIEDOWN ANCHORS LOCATED ON THE FLOOR.
NOTE: IF LOADING A "HEMTT" ALSO SEE THE SPECIAL HEMTT LOADING SECTION ON PAGES 28 THROUGH 45.
2. THE TACTICAL VEHICLES SHOWN ARE TYPICAL ONLY AND OTHER TYPES OF VEHICLES MAY BE USED IN LIEU OF THOSE SHOWN AS LONG AS THEY COMPLY WITH GENERAL NOTE "C" ON PAGE 2.
3. MAXIMUM LOADS ARE SHOWN. HOWEVER, LESSER QUANTITIES MAY BE LOADED AND SECURED USING THE DEPICTED PROCEDURES.
4. PRIOR TO LOADING A TACTICAL VEHICLE, SELECT THE QUANTITY OF PALLETIZED UNITS TO BE LOADED. DO NOT EXCEED THE OFF-HIGHWAY WEIGHT LIMIT OF THE VEHICLE. SELECT A LOCATION AGAINST AN END WALL OR WITHIN THE LENGTH OF THE CARGO BED THAT WILL PROVIDE ADEQUATE TIEDOWN ANCHORS TO SECURE THE LOAD, USING THE TIEDOWN PROCEDURES DEPICTED ON PAGES 7 THROUGH 21 AS GUIDANCE. **NOTE:** WHEN POSSIBLE, ALWAYS POSITION THE PALLETIZED UNIT (S) AGAINST THE FORWARD END WALL OF THE VEHICLE.
5. EACH SINGLE PALLETIZED UNIT AND/OR TWO ADJACENT PALLETIZED UNITS POSITIONED ACROSS THE WIDTH OF THE VEHICLE, AS SHOWN ON PAGES 7 THROUGH 21, MUST BE SECURED WITH TWO STRAPS ATTACHED TO TIEDOWN ANCHORS ON ONE SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT(S), TO MATING TIEDOWN ANCHORS ON OPPOSITE SIDE OF VEHICLE. **NOTE:** DO NOT POSITION THESE STRAPS ACROSS LOAD ON LONGITUDINAL JOINTS BETWEEN PALLETIZED UNITS. IF THE TIEDOWN ANCHORS ON SIDE OF VEHICLE ARE TOO CLOSE TOGETHER, TOO FAR APART, OR ARE NOT IN A LOCATION WHICH WILL ALLOW ADEQUATE HOLDDOWN OF PALLETIZED UNIT(S) WHEN STRAPS ARE POSITIONED STRAIGHT OVER TOP OF LOAD, THE TWO HOLD DOWN STRAPS MAY BE CROSSED OVER THE TOP OF THE PALLETIZED UNIT(S), AS SHOWN IN THE LOAD ON PAGE 12, OR POSITIONED AT AN ANGLE AS SHOWN IN THE LOAD ON PAGE 16.
6. ALL LOADS FROM ONE PALLETIZED UNIT TO A MAXIMUM LOAD OF PALLETIZED UNITS MUST BE SECURED LONGITUDINALLY WITH ONE STRAP AT EACH END, ATTACHED TO A TIEDOWN ANCHOR ON ONE SIDE OF THE VEHICLE AND POSITIONED AROUND THE END(S) OF THE PALLETIZED UNITS, TO A MATING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE, AS SHOWN IN THE LOADS ON PAGES 7 THROUGH 21. **NOTE:** IF THE LOAD IS POSITIONED AGAINST THE END WALL, AS SHOWN ON PAGE 12, ONLY ONE LONGITUDINAL RETAINING STRAP IS REQUIRED AT THE OPPOSITE END. IF THERE IS NOT ENOUGH ROOM BETWEEN LOAD AND SIDE WALL OF VEHICLE FOR THE STRAP RATCHET, HOOK THE RATCHET ENDS OF TWO WEB STRAP TIEDOWN ASSEMBLIES TOGETHER. POSITION THE RATCHETS AT THE END OF THE LOAD AND ATTACH THE NON-RATCHET HOOK END OF EACH STRAP TO A TIEDOWN ANCHOR ON EACH SIDE OF THE VEHICLE. MAKE SURE THERE IS A MINIMUM OF ONE-AND ONE-HALF WRAPS OF STRAP ON ONE RATCHET, THEN TAKE UP EXCESS SLACK IN REMAINING RATCHET AND RATCHET TIGHT. THIS METHOD REQUIRES TWO WEB STRAP TIEDOWN ASSEMBLIES IN LIEU OF ONE AT EACH LOCATION WHERE A LONGITUDINAL RETAINING STRAP IS REQUIRED. WHEN TWO WEB STRAPS ARE HOOKED TOGETHER IT MAY BE NECESSARY TO POSITION THE RATCHETS UP ON THE FIRST LAYER OF COMPLETE ROUND CONTAINERS TO PROVIDE MORE ROOM FOR RATCHETING. IF A LOAD FILLS THE CARGO AREA OF A VEHICLE WITH ONLY SIX INCHES OR LESS SPACE REMAINING BETWEEN THE REAR OF THE LOAD AND THE REAR WALL OF THE VEHICLE, NO LONGITUDINAL RETAINING STRAP IS REQUIRED.
7. THE M871 SEMITRAILER IS EQUIPPED WITH THREE DIFFERENT TYPES OF TIEDOWN FITTINGS AS INDICATED ON PAGE 20. TYPE I IS A REMOVABLE TIEDOWN FITTING THAT HAS ONE RING AND IS POSITIONED BY REACHING UNDER THE FLOOR OF THE TRAILER, INSERTING THE TIEDOWN FITTING UP THROUGH THE HOLE AND ROTATING IT INTO POSITION (NOTE THAT THIS REMOVABLE TIEDOWN FITTING IS ALSO USED ON THE M872 SEMITRAILER). THERE ARE TEN LOCATIONS FOR THESE TIEDOWN FITTINGS ON EACH SIDE OF THE M871 SEMITRAILER. TYPE II IS A REMOVABLE TIEDOWN FITTING THAT HAS TWO RINGS AND IS POSITIONED BY DEPRESSING A SPRING LOCK LEVER AND INSERTING THE TIEDOWN FITTING INTO A 1-3/4" DIAMETER HOLE FROM THE TOP. ASSURE THAT THE TIEDOWN FITTING IS FIRMLY SEATED AND ROTATED SO THE SPRING LOCK LEVER IS POINTING AWAY FROM THE DIRECTION OF PULL ON THE ATTACHED WEB STRAP TIEDOWN ASSEMBLY. THERE ARE TEN LOCATIONS FOR THESE TIEDOWN FITTINGS ON EACH SIDE OF THE M871 SEMITRAILER. TYPE III IS A FIXED TIEDOWN FITTING THAT HAS ONE RING AND IS RECESSED INTO THE FLOOR. THERE ARE FIVE OF THESE TIEDOWN FITTINGS ON EACH SIDE OF THE M871 SEMITRAILER. NO TYPE I TIEDOWN FITTINGS ARE REQUIRED FOR THE LOAD SHOWN ON PAGE 20. HOWEVER, TYPE I TIEDOWN FITTINGS MAY BE USED, IF AVAILABLE, WHEN THERE IS AN INSUFFICIENT QUANTITY OF TYPE II TIEDOWN FITTINGS TO SECURE THE LOAD. SEE "TIEDOWN ANCHOR DETAILS" ON PAGE 46.
8. THE M872 SEMITRAILER IS EQUIPPED WITH TWO DIFFERENT TYPES OF TIEDOWN FITTINGS AS INDICATED ON PAGE 21. TYPE I IS A REMOVABLE TIEDOWN FITTING THAT HAS ONE RING AND IS POSITIONED BY REACHING UNDER THE FLOOR OF THE TRAILER, INSERTING THE TIEDOWN FITTING UP THROUGH THE HOLE AND ROTATING IT INTO POSITION (NOTE THAT THIS REMOVABLE TIEDOWN FITTING MAY ALSO BE USED ON THE M871 SEMITRAILER). THERE ARE TWENTY-EIGHT LOCATIONS FOR THESE TIEDOWN FITTINGS ON EACH SIDE OF THE M872 SEMITRAILER. HOWEVER, THE QUANTITY AND LOCATION MAY VARY ON SOME M872 SEMITRAILERS. THE SECOND TYPE OF TIEDOWN FITTING IS THE "TEE-HOOK". THIS IS A REMOVABLE TIEDOWN FITTING EQUIPPED WITH ONE ELONGATED RING AND IS POSITIONED BY INSERTING IT INTO ONE OF THE ELONGATED SLOTTED HOLES WHICH ARE AT A 45° ANGLE TO THE SIDE OF THE TRAILER. THERE ARE FIVE LOCATIONS FOR THESE TIEDOWN FITTINGS ON EACH SIDE OF THE M872 SEMITRAILER. HOWEVER, THE QUANTITY AND LOCATION MAY VARY ON SOME M872 SEMITRAILERS. ASSURE THAT THE TIEDOWN FITTING IS FIRMLY SEATED AND ROTATED APPROXIMATELY 45° TO ENGAGED POSITION BEFORE ATTACHING THE WEB STRAP TIEDOWN ASSEMBLY. SEE "TIEDOWN ANCHOR DETAILS" ON PAGE 46.
9. WHEN LOADING SEMITRAILERS, POSITION THE PALLETIZED COMPLETE ROUND CONTAINERS IN SUCH A MANNER THAT THE WEIGHT IS DISTRIBUTED ON THE "KING-PIN" AND/OR THE "REAR AXLES". DO NOT POSITION PALLETIZED UNITS WITHIN FIVE FEET OF THE AFT END OF THE SEMITRAILER, IF POSSIBLE, AS THIS IS THE ROUGHEST RIDING AREA ON THE SEMITRAILER DUE TO REAR DECK OVERHANG.
10. IF A SEMITRAILER, STAKE, 12 TON, M127, IS TO BE USED AND IT IS NOT EQUIPPED WITH TIEDOWN ANCHORS, SEE GENERAL NOTE "C" ON PAGE 2 AND NOTE "●" ON PAGE 46.
11. THE PROCEDURES SHOWN ON PAGES 19 THROUGH 21 ARE FOR USE ON SEMITRAILERS HAVING REMOVABLE SIDE RACKS/PANELS, AND/OR SEMITRAILERS THAT HAVE BEEN MODIFIED WITH "DROP-SIDES".

(CONTINUED AT RIGHT)

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE PA104 SERIES
CONTAINER.



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF ONE PALLET OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRAILER, AMMUNITION, 1-1/2-TON, M332, HAVING INSIDE DIMENSIONS OF 68-1/2" LONG BY 55-3/8" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS LOCATED ON THE SIDEWALL, ENDWALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN.
3. A PALLETIZED UNIT OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS, IS SHOWN AS A TYPICAL LOAD. IF LOADING A PALLETIZED UNIT OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE "LOADING, TIEDOWN AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5 FOR GUIDANCE ON SECURING WIDE LOADS.
4. THE PALLETIZED UNIT SHOWN IS POSITIONED AGAINST THE FORWARD END WALL. IF DESIRED, THE PALLETIZED UNIT MAY BE POSITIONED AGAINST THE REAR WALL OF THE VEHICLE. SEE SPECIAL NOTE 4 ON PAGE 6.
5. A TOTAL OF THREE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTE 6 ON PAGE 5.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON END WALL OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

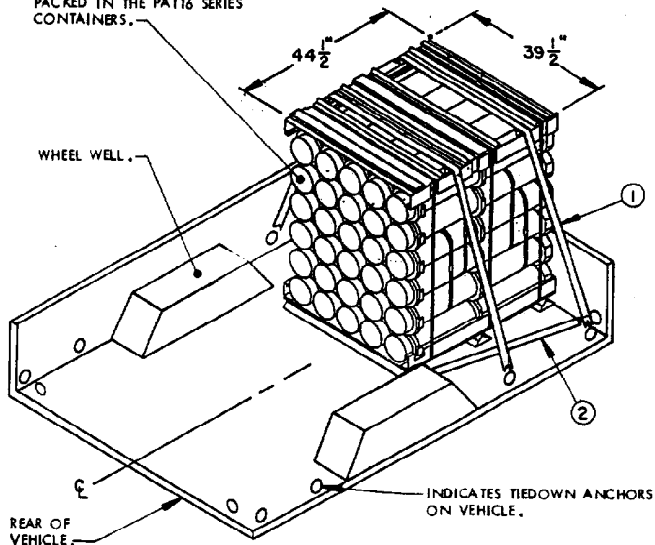
LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNIT-----	1	2,408 LBS

PALLETIZED COMPLETE ROUND CONTAINERS LOADED IN A TRAILER, AMMUNITION, 1-1/2-TON, M332

PAGE 7

PALLETIZED 120MM COMPLETE ROUNDS
PACKED IN THE PA116 SERIES
CONTAINERS.



ISOMETRIC VIEW

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON END WALL OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

LOAD GUIDANCE NOTES:

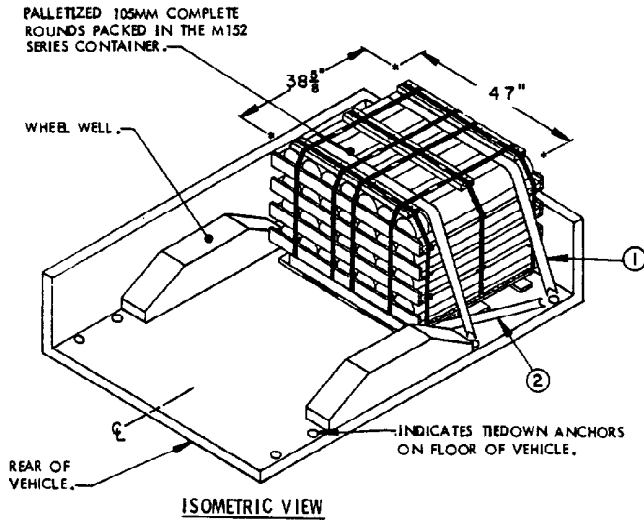
1. A MAXIMUM LOAD OF ONE PALLET OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRAILER, CARGO, 1-1/2-TON, M105, HAVING INSIDE DIMENSIONS OF 110" LONG BY 74" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN.
3. A PALLETIZED UNIT OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS, IS SHOWN AS A TYPICAL LOAD. IF LOADING A PALLETIZED UNIT OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. NOTE: TWO PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
4. THE PALLETIZED UNIT SHOWN IS POSITIONED AGAINST THE FORWARD END WALL. IF DESIRED, THE PALLETIZED UNIT MAY BE POSITIONED AGAINST THE REAR WALL OF THE VEHICLE. SEE SPECIAL NOTE 4 ON PAGE 6.
5. A TOTAL OF THREE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNIT	1	2,391 LBS

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, UNDER STEEL UNITIZING STRAPS AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET RIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR, ON SIDE OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

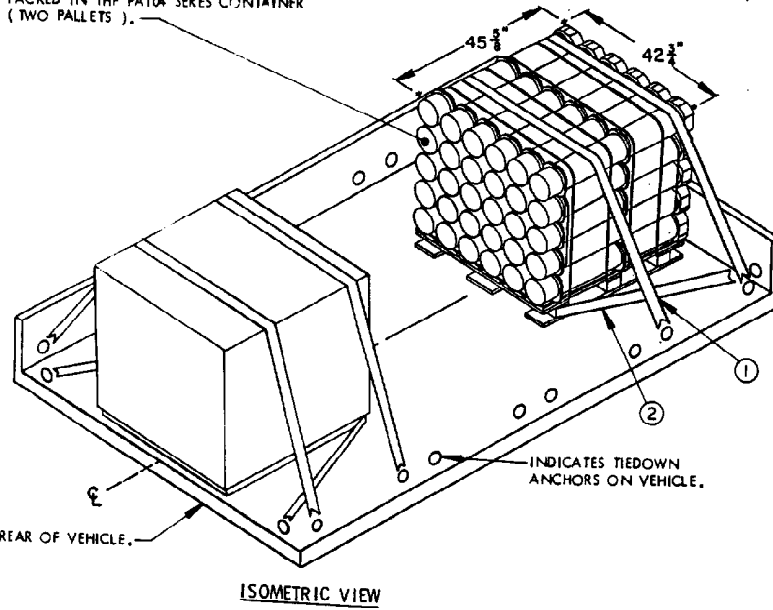


LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF ONE PALLET OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 1-1/4-TON, M1008 (CUCV), HAVING INSIDE DIMENSIONS OF 98" LONG BY 65" WIDE. **NOTE:** THE MAXIMUM WEIGHT IS BASED ON THE WEIGHT OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN.
3. A PALLETIZED UNIT OF 105MM COMPLETE ROUNDS PACKED IN THE M152 SERIES CONTAINER, HAVING DIMENSIONS OF 47" WIDE BY 38-5/8" LONG BY 34-1/2" HIGH AND WEIGHING 2,147 POUNDS, IS SHOWN AS A TYPICAL LOAD. IF LOADING A PALLETIZED UNIT OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5. **NOTE:** TWO PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT UNIT.
4. THE PALLETIZED UNIT SHOWN IS POSITIONED AGAINST THE FORWARD END WALL. IF DESIRED, THE PALLETIZED UNIT MAY BE POSITIONED AGAINST THE REAR WALL OF THE VEHICLE. SEE SPECIAL NOTE 4 ON PAGE 6.
5. A TOTAL OF THREE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES" AND NOTE 6 ON PAGE 5.

LOAD AS SHOWN		
ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNIT	1	2,147 LBS

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE PA104 SERIES CONTAINER
(TWO PALLETS).



KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON END OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE, TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

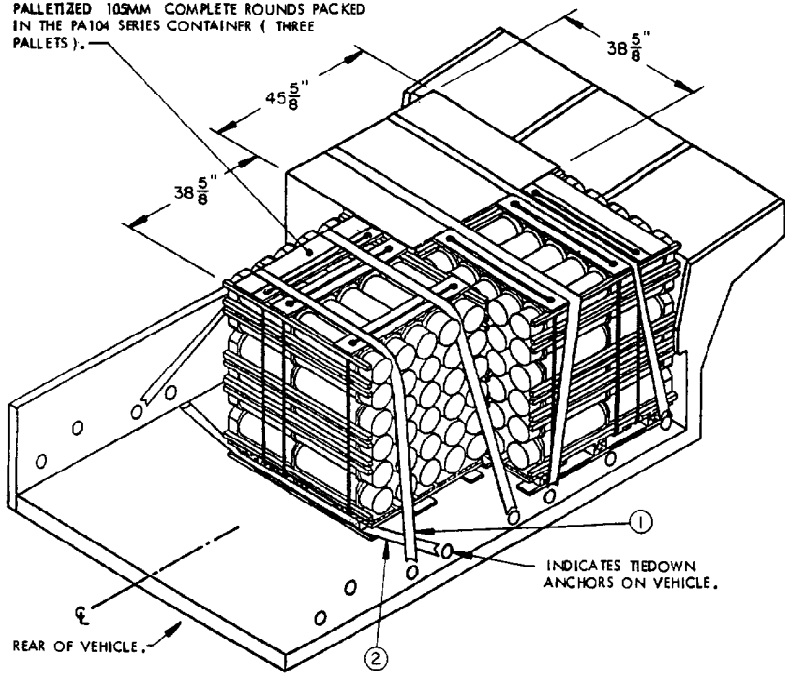
LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF TWO PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 2-1/2-TON, M35 AND/OR M211, HAVING INSIDE DIMENSIONS OF 147" LONG BY 88" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNITS SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. TWO PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,206 POUNDS ARE SHOWN AS A TYPICAL LOAD. EACH PALLETIZED UNIT IS POSITIONED AGAINST AN END WALL. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 4 ON PAGE 6. NOTE: THREE PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
4. A TOTAL OF SIX WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	2	4,412 LBS

PALLETIZED 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER (THREE PALLETS).



ISOMETRIC VIEW

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT (S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

INDICATES TIEDOWN ANCHORS ON VEHICLE.

REAR OF VEHICLE.

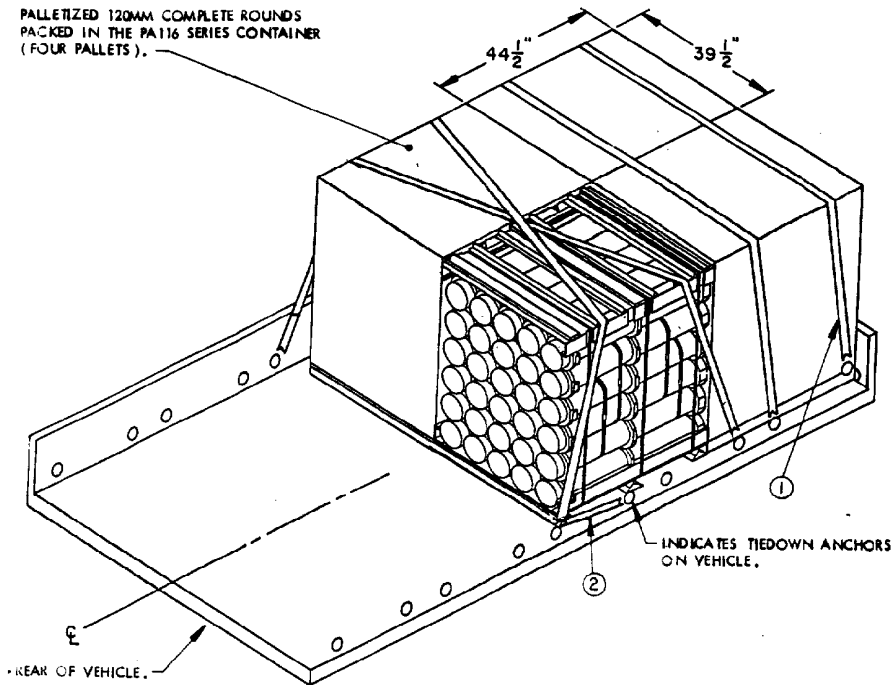
LOAD GUIDANCE NOTES:

1. A LOAD OF THREE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, DUMP, 5-TON, M51, HAVING INSIDE DIMENSIONS OF 124" LONG BY 82" WIDE. NOTE: THIS IS NOT A MAXIMUM LOAD.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. THREE PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS, ARE SHOWN AS A TYPICAL LOAD. TWO PALLETIZED UNITS ARE POSITIONED AGAINST THE FORWARD END WALL AND ONE PALLETIZED UNIT IS POSITIONED WITH THE WIDTH DIMENSION AGAINST THE TWO FORWARD PALLETIZED UNITS. IF DESIRED, THE REAR PALLETIZED UNIT MAY BE POSITIONED WITH THE LENGTH DIMENSION AGAINST THE TWO FORWARD PALLETIZED UNITS. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES.
4. PALLETIZED UNITS HAVING A LENGTH LESS THAN 44" CAN BE POSITIONED TWO WIDE IN AN 88" WIDE CARGO TRUCK, AS SHOWN ABOVE. HOWEVER, IF THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12", IT WILL BE DIFFICULT TO INSTALL AND OPERATE THE RATCHET ON WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE HOOK ATTACHED DIRECTLY TO THE RATCHET. SEE THE LOAD SHOWN ON PAGE 13 FOR AN ALTERNATIVE METHOD OF LOADING AND SECURING A WIDE LOAD IN CARGO TRUCK. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6, FOR GUIDANCE ON SECURING WIDE LOADS.
5. A TOTAL OF FIVE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTE 6 ON PAGE 5.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	3	7,224 LBS

PALLETIZED 120MM COMPLETE ROUNDS
PACKED IN THE PA116 SERIES CONTAINER
(FOUR PALLETS).



ISOMETRIC VIEW

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT (5), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

INDICATES TIEDOWN ANCHORS ON VEHICLE.

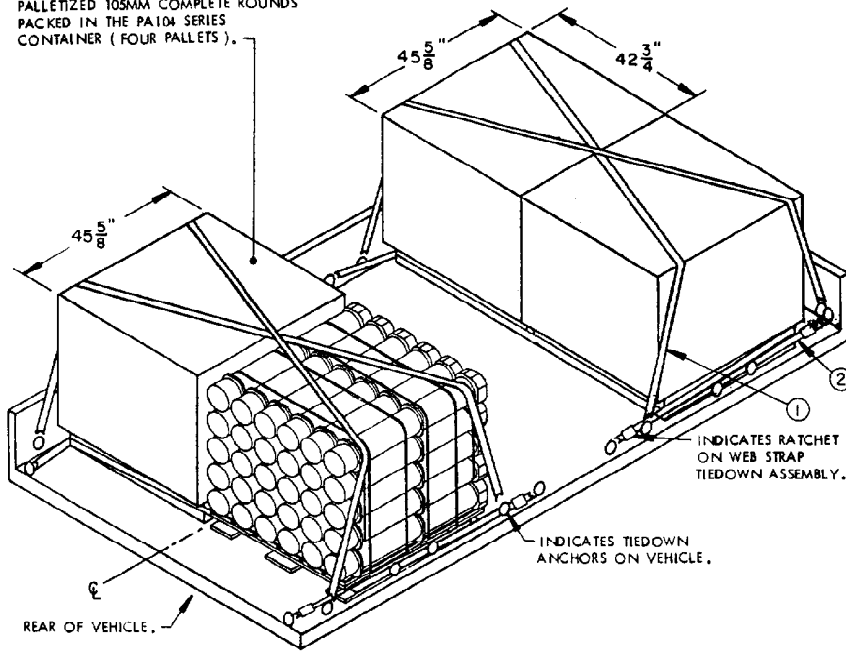
REAR OF VEHICLE.

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF FOUR PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 5-TON, M54, HAVING INSIDE DIMENSIONS OF 168" LONG BY 88" WIDE. **NOTE:** THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNITS SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. FOUR PALLETIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS, ARE SHOWN AS A TYPICAL LOAD. TWO PALLETIZED UNITS ARE POSITIONED AGAINST THE FORWARD END WALL AND TWO PALLETIZED UNITS ARE POSITIONED AGAINST THE FIRST TWO. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. **NOTE:** FIVE PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
4. PALLETIZED UNITS HAVING A LENGTH LESS THAN 44" CAN BE POSITIONED TWO WIDE IN A 88" WIDE CARGO TRUCK, AS SHOWN ABOVE. HOWEVER, IF THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12", IT WILL BE DIFFICULT TO INSTALL AND OPERATE THE RATCHET ON WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE HOOK ATTACHED DIRECTLY TO THE RATCHET. SEE THE LOAD SHOWN ON PAGE 13 FOR AN ALTERNATIVE METHOD OF LOADING AND SECURING A WIDE LOAD IN CARGO TRUCKS. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6 FOR GUIDANCE ON SECURING WIDE LOADS.
5. A TOTAL OF FIVE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTE 6 ON PAGE 5.

ITEM	LOAD AS SHOWN	
	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	4	8,552 LBS

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE PA104 SERIES
CONTAINER (FOUR PALLETS).



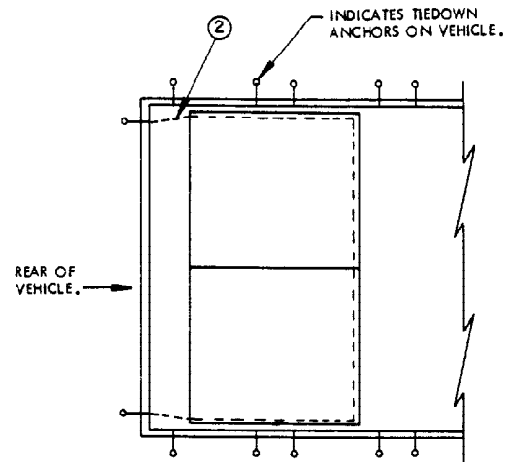
ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF FOUR PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 5-TON, M54, HAVING INSIDE DIMENSIONS OF 168" LONG BY 88" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. FOUR PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,344 POUNDS ARE SHOWN AS A TYPICAL LOAD. POSITION THE PALLETIZED UNITS AS INSTRUCTED IN LOAD GUIDANCE NOTE 4 BELOW. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. NOTE: FIVE PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
4. PALLETIZED UNITS HAVING A LENGTH LESS THAN 44" CAN BE POSITIONED TWO WIDE IN AN 88" WIDE CARGO TRUCK, AS SHOWN ABOVE, WHEN THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12" AND IT IS DIFFICULT TO INSTALL AND OPERATE THE RATCHET ON WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE HOOK ATTACHED DIRECTLY TO THE RATCHET. CENTER THE TWO LATERALLY ADJACENT PALLETIZED UNITS BETWEEN TWO TIEDOWN ANCHORS ON THE SIDE OF THE VEHICLE THAT ARE SPACED FARTHER APART THAN THE PALLETIZED UNIT WIDTH, TO WHICH THE WEB STRAPS, MARKED ①, CAN BE ATTACHED AND WHICH WILL PROVIDE CLEARANCE TO OPERATE THE RATCHET. THE ANGLE OF THE STRAPS WILL ALSO HELP REDUCE THE LONGITUDINAL MOVEMENT OF THE LOAD. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6 FOR GUIDANCE ON SECURING WIDE LOADS.
5. A TOTAL OF EIGHT WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTE 6 ON PAGE 5.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNITS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2, SPECIAL NOTE 5 ON PAGE 6, AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (4 REQD). ATTACH EACH STRAP TO A VEHICLE TIEDOWN ANCHOR THAT WILL ALLOW SUFFICIENT ROOM TO OPERATE THE RATCHET. POSITION EACH STRAP AROUND THE PALLET BASE TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2, SPECIAL NOTE 6 ON PAGE 6, AND "PARTIAL PLAN VIEW SHOWING PATH OF ONE STRAP MARKED ②" BELOW.



PARTIAL PLAN VIEW SHOWING PATH OF ONE STRAP MARKED ②

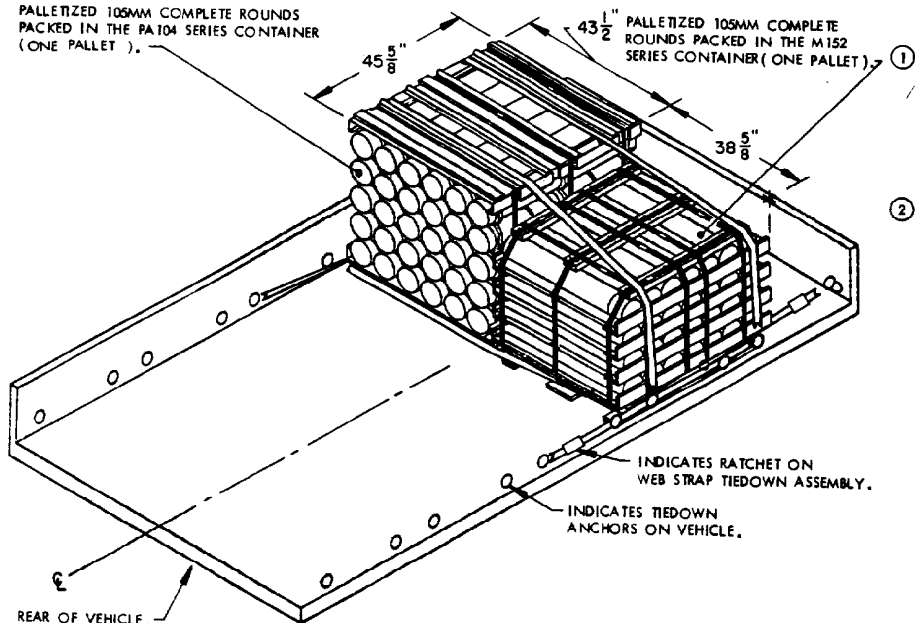
LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNITS -----	4 -----	9,376 LBS

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE PA104 SERIES CONTAINER
(ONE PALLET).

43 1/2" PALLETIZED 105MM COMPLETE
ROUNDS PACKED IN THE M152
SERIES CONTAINER (ONE PALLET)

KEY NUMBERS



ISOMETRIC VIEW

- ① WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNITS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2, SPECIAL NOTE 5 ON PAGE 6, AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). ATTACH EACH STRAP TO A VEHICLE TIEDOWN ANCHOR THAT WILL ALLOW SUFFICIENT ROOM TO OPERATE THE RATCHET. POSITION EACH STRAP AROUND THE PALLET BASE TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6. ALSO SEE "PARTIAL PLAN VIEW SHOWING PATH OF ONE STRAP MARKED ②" ON PAGE 13, FOR GUIDANCE.

INDICATES RATCHET ON
WEB STRAP TIEDOWN ASSEMBLY.

INDICATES TIEDOWN
ANCHORS ON VEHICLE.

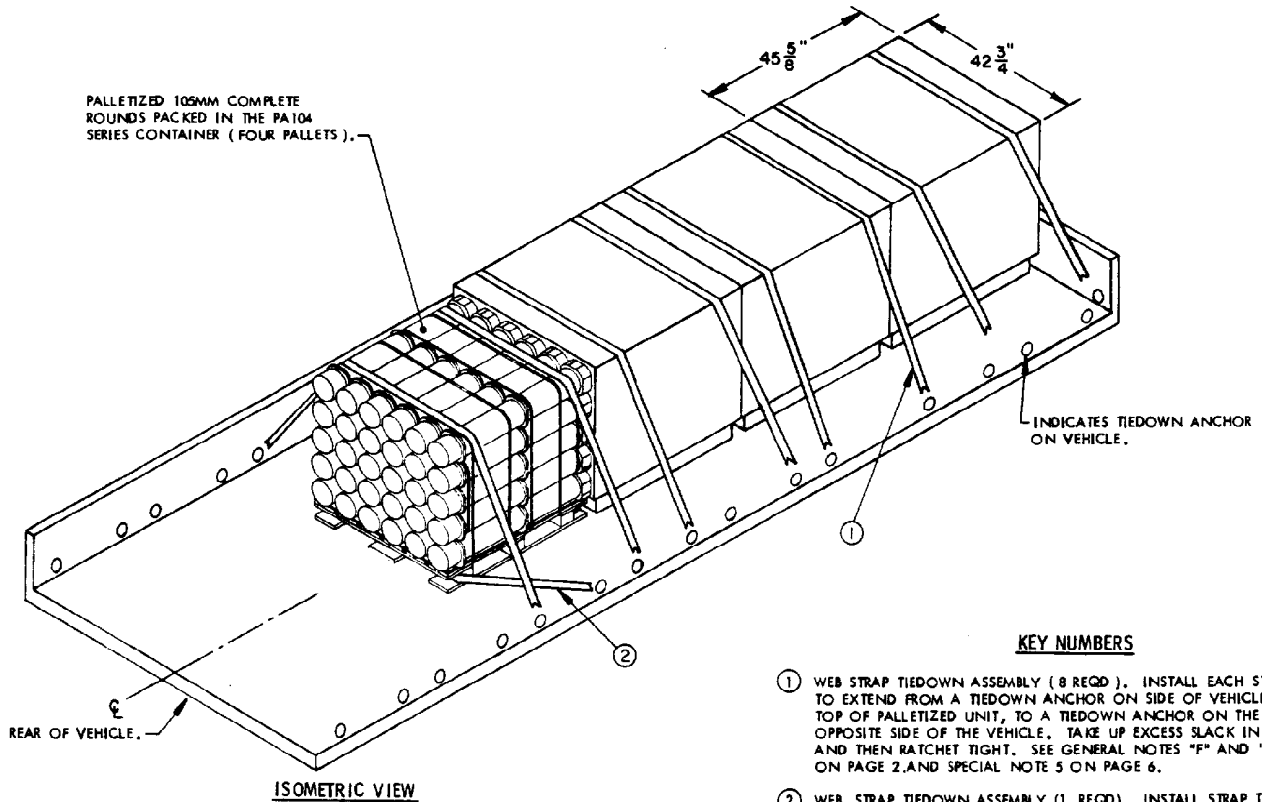
REAR OF VEHICLE.

LOAD GUIDANCE NOTES:

1. A LOAD OF TWO PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 5-TON, M54 HAVING INSIDE DIMENSIONS OF 168" LONG BY 88" WIDE. NOTE: THIS IS NOT A MAXIMUM LOAD.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. ONE PALLETIZED UNIT OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 43-1/2" LONG BY 40-5/8" HIGH AND WEIGHING 2,733 POUNDS, AND ONE PALLETIZED UNIT OF 105MM COMPLETE ROUNDS PACKED IN THE M152 SERIES CONTAINER, HAVING DIMENSIONS OF 47" WIDE BY 38-5/8" LONG BY 34-1/2" HIGH AND WEIGHING 2,147 POUNDS, ARE SHOWN AS A TYPICAL LOAD. POSITION THE PALLETIZED UNITS AS INSTRUCTED IN LOAD GUIDANCE NOTE 4 BELOW. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES.
4. IN THE LOAD SHOWN ABOVE, A PALLETIZED UNIT HAVING A LENGTH OF 38-5/8", IS POSITIONED ADJACENT TO A PALLETIZED UNIT HAVING A LENGTH OF 43-1/2". THIS METHOD CAN BE USED FOR LOADING AND SECURING PALLETIZED UNITS OF DIFFERENT SIZES AND /OR TO PROVIDE MORE SPACE FOR INSTALLATION OF THE STRAP RATCHET BETWEEN THE LOAD AND THE VEHICLE TIEDOWN ANCHORS. CENTER THE TWO LATERALLY ADJACENT PALLETIZED UNITS BETWEEN TWO TIEDOWN ANCHORS ON THE SIDE OF THE VEHICLE TO WHICH THE WEB STRAPS, MARKED ①, CAN BE ATTACHED. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES" NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6. FOR GUIDANCE ON SECURING WIDE LOADS.
5. A TOTAL OF FOUR WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTE 6 ON PAGE 5.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	2	4,880 LBS



KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (8 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF REAR PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

LOAD GUIDANCE NOTES:

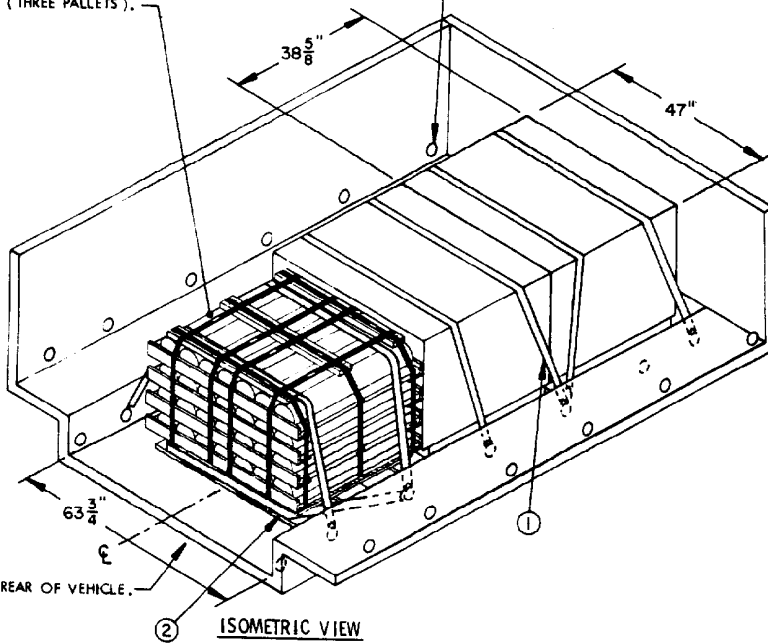
1. A MAXIMUM LOAD OF FOUR PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 5-TON, M55, HAVING INSIDE DIMENSIONS OF 244" LONG BY 88" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDE WALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN OR A PARTIAL LOAD.
3. FOUR PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,344 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. NOTE: FIVE PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
4. POSITION THE FIRST PALLETIZED UNIT AGAINST THE FORWARD END WALL OF THE VEHICLE, AND ALL PALLETIZED UNITS TIGHT AGAINST EACH OTHER. SEE SPECIAL NOTE 4 ON PAGE 6.
5. A TOTAL OF NINE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	4	9,376 LBS

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE M152 SERIES CONTAINER
(THREE PALLETS).

INDICATES TIEDOWN
ANCHORS ON VEHICLE.



KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (6 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, UNDER STEEL UNITIZING STRAPS, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE WALL OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

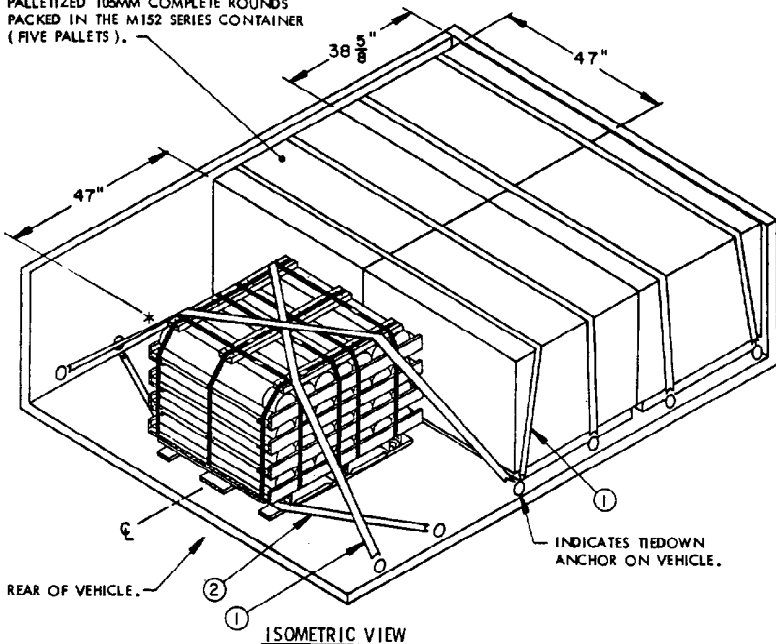
LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF THREE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A CARRIER, CARGO, TRACKED, 6-TON, M548 (DECK-DOWN), HAVING INSIDE DIMENSIONS OF 130-5/8" LONG BY 96-1/2" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN OR A PARTIAL LOAD.
3. THREE PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE M152 SERIES CONTAINER, HAVING DIMENSIONS OF 47" WIDE BY 38-5/8" LONG BY 34-1/2" HIGH, AND WEIGHING 2,147 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. NOTE: THREE PALLETIZED UNITS IS THE MAXIMUM LOAD DUE TO THE SIZE OF THE PALLETIZED UNIT SHOWN.
4. POSITION THE FIRST PALLETIZED UNIT AGAINST THE FORWARD END WALL OF THE VEHICLE AND ALL PALLETIZED UNITS TIGHT AGAINST EACH OTHER. IF DESIRED, THE PALLETIZED UNITS MAY BE POSITIONED WITH THE 38-5/8" LENGTH DIMENSION BUTTED AGAINST EACH OTHER. HOWEVER, THIS WOULD LIMIT THE LOAD TO TWO PALLETIZED UNITS. IF LOADING A CARRIER WITH THE DECK IN THE UP POSITION, USE THE PROCEDURES SHOWN ON PAGE 17. SEE SPECIAL NOTE 4 ON PAGE 6.
5. A TOTAL OF SEVEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE. SEE "LOADING, TIEDOWN AND UNLOADING PROCEDURES" NOTE 6 ON PAGE 5.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	3	6,441 LBS

PALLETIZED 105MM COMPLETE ROUNDS
PACKED IN THE M152 SERIES CONTAINER
(FIVE PALLETS).



KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (6 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT(S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE WALL OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

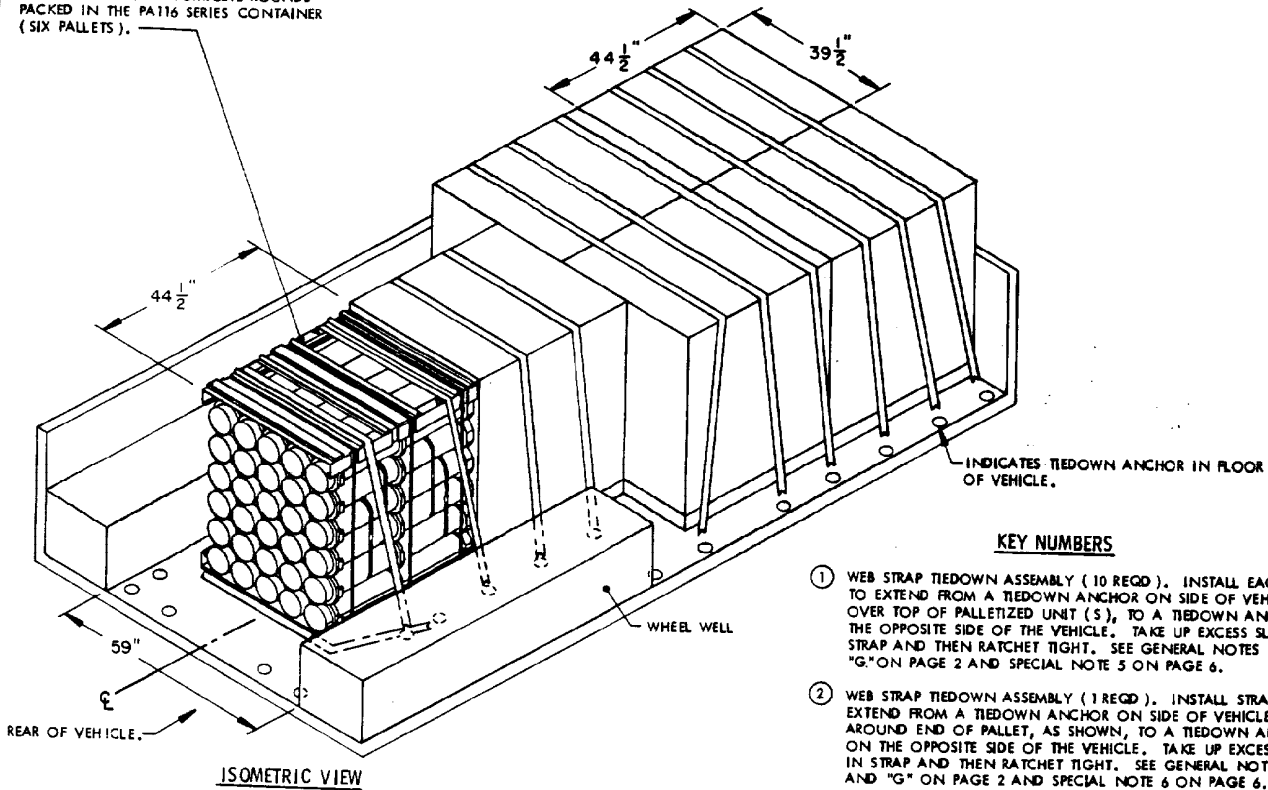
LOAD GUIDANCE NOTES:

- 1. A MAXIMUM LOAD OF FIVE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A CARRIER, CARGO, TRACKED, 6-TON, M548 (DECK UP), HAVING INSIDE DIMENSIONS OF 130-5/8" LONG BY 96-1/2" WIDE. **NOTE:** THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNIT SHOWN.
- 2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
- 3. FIVE PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE M152 SERIES CONTAINER, HAVING DIMENSIONS OF 47" WIDE BY 38-5/8" LONG BY 34-1/2" HIGH AND WEIGHING 2,147 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. **NOTE:** SIX PALLETIZED UNITS WOULD EXCEED THE VEHICLE WEIGHT LIMIT.
- 4. POSITION THE FIRST TWO PALLETIZED UNITS AGAINST THE FORWARD END WALL OF THE VEHICLE. POSITION THE SECOND TWO PALLETIZED UNITS TIGHT AGAINST THE FIRST TWO AND POSITION ONE PALLETIZED UNIT WITH THE LENGTH DIMENSION AGAINST THE FORWARD PALLETIZED UNITS. IF DESIRED, THE REAR PALLETIZED UNIT MAY BE POSITIONED WITH THE WIDTH DIMENSION AGAINST THE TWO FORWARD PALLETIZED UNITS. IF THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12", IT WILL BE DIFFICULT TO INSTALL AND OPERATE THE RATCHET ON WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE HOOK ATTACHED DIRECTLY TO THE RATCHET. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6, FOR GUIDANCE ON SECURING WIDE LOADS.
- 5. A TOTAL OF SEVEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	5	10,735 LBS

PALLETIZED 120MM COMPLETE ROUNDS
PACKED IN THE PA116 SERIES CONTAINER
(SIX PALLETS).



KEY NUMBERS

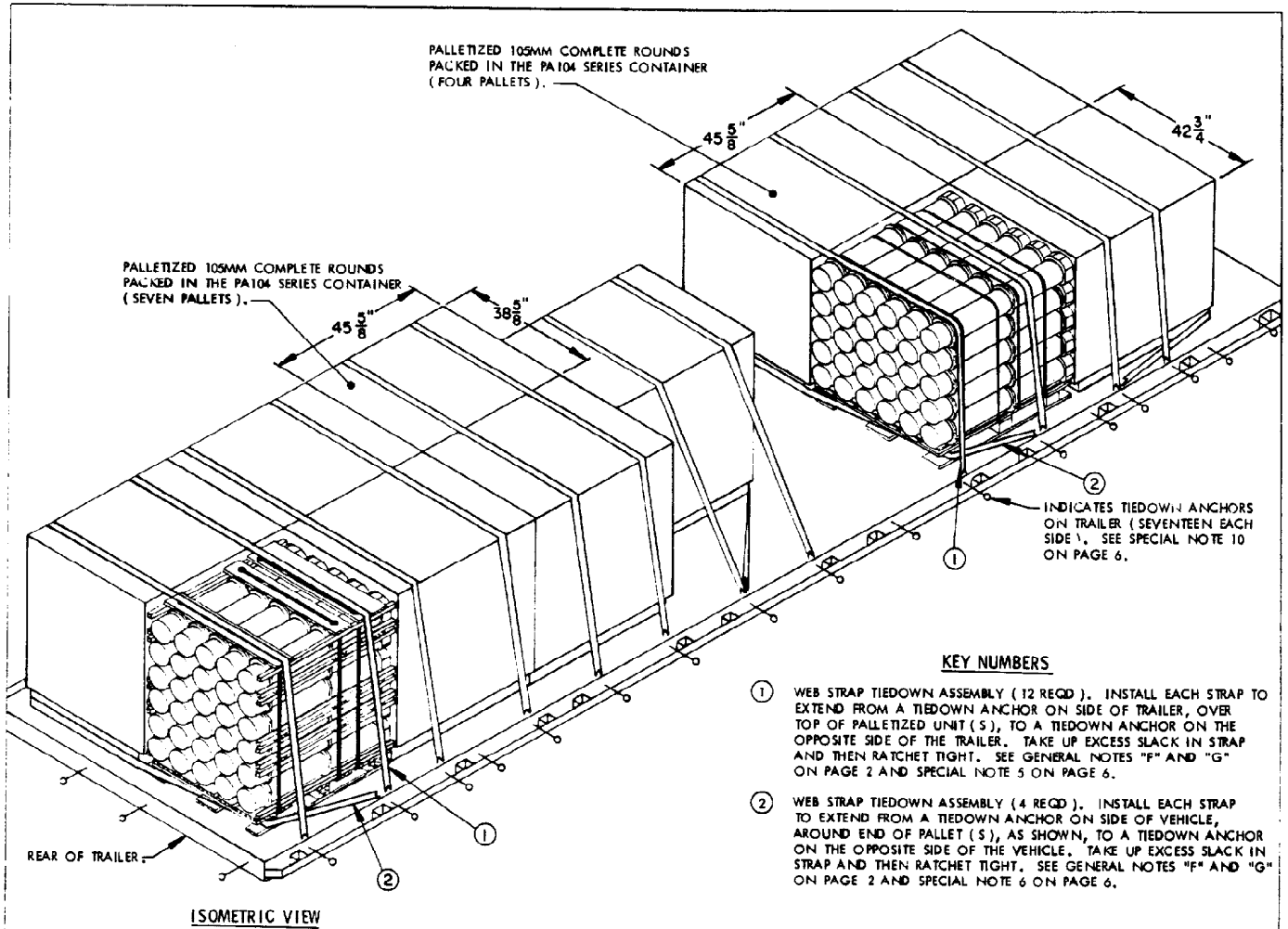
- ① WEB STRAP TIEDOWN ASSEMBLY (10 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT (S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (1 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF SIX PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN IN A TRUCK, CARGO, 8-TON, M520, HAVING INSIDE DIMENSIONS OF 196" LONG BY 98" WIDE. **NOTE:** THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS AND WEIGHT OF THE PALLETIZED UNIT SHOWN.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. SIX PALLETIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH, AND WEIGHING 2,391 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. **NOTE:** SIX PALLETIZED UNITS IS THE MAXIMUM LOAD DUE TO THE SIZE AND WEIGHT OF THE PALLETIZED UNIT SHOWN.
4. POSITION THE FIRST TWO PALLETIZED UNITS AGAINST THE FORWARD END WALL OF THE VEHICLE, AND ALL PALLETIZED UNITS TIGHT AGAINST EACH OTHER. IF THE SPACE BETWEEN THE LOAD AND THE VEHICLE SIDE WALL IS LESS THAN 12", IT WILL BE DIFFICULT TO INSTALL AND OPERATE THE RATCHET ON WEB STRAP TIEDOWN ASSEMBLIES THAT HAVE THE HOOK ATTACHED DIRECTLY TO THE RATCHET. SEE "LOADING, TIEDOWN, AND UNLOADING PROCEDURES", NOTES 6 AND 7 ON PAGE 5, AND SPECIAL NOTE 4 ON PAGE 6, FOR GUIDANCE ON SECURING WIDE LOADS.
5. DUE TO THE TYPE OF TIEDOWN ANCHOR IN THE FLOOR OF THIS VEHICLE, THREE HOLD-DOWN STRAPS MARKED ①, POSITIONED OVER THE TOP OF EACH TWO LATERALLY ADJACENT PALLETIZED UNITS, ARE REQUIRED IN LIEU OF TWO, AS SHOWN WITHIN THIS DRAWING.
6. A TOTAL OF ELEVEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	6	14,346 LBS



ISOMETRIC VIEW

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (12 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF TRAILER, OVER TOP OF PALLETIZED UNIT (S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE TRAILER. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET (S), AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF ELEVEN PALLETIZED UNITS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A SEMITRAILER, STAKE, 12-TON, M127, HAVING DIMENSIONS OF 338" LONG BY 96" WIDE. **NOTE:** THE MAXIMUM LOAD IS BASED ON THE WEIGHT OF THE PALLETIZED UNITS SHOWN.
2. THE TRAILER SHOWN WAS SELECTED AS TYPICAL ONLY, AND TRAILERS OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS LOCATED ALONG THE SIDE, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. FOUR PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,206 POUNDS, AND SEVEN PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH, AND WEIGHING 2,408 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. **NOTE:** THIS LOAD EXCEEDS THE VEHICLE WEIGHT LIMIT AND WOULD HAVE TO BE REDUCED TO TEN PALLETIZED UNITS TO COMPLY WITH THE VEHICLE LOAD WEIGHT CRITERIA. HOWEVER, THE LOAD DEPICTED ABOVE IS FURNISHED TO PROVIDE TYPICAL TIEDOWN METHODOLOGY FOR A MAXIMUM UNEVEN QUANTITY LOAD, AND DISTRIBUTION OF WEIGHT ON FRONT KING-PIN AND REAR AXLES.
4. POSITION THE PALLETIZED UNITS IN SUCH A MANNER THAT EACH PALLETIZED UNIT(S) CAN BE SECURED WITH TWO STRAPS MARKED ① OVER THE TOP. SEE SPECIAL NOTES 5 AND 6 ON PAGE 6.
5. WHEN LOADING ONE PALLETIZED UNIT ON A TRAILER, POSITION THE PALLETIZED UNIT IN THE CENTER OF THE TRAILER WIDTH AND IN A LONGITUDINAL LOCATION THAT WILL ALLOW TWO STRAPS TO BE POSITIONED OVER TOP OF THE PALLETIZED UNIT AND ONE STRAP AROUND THE PALLET BASE AT EACH END.
6. IF IT IS DESIRABLE TO LOAD A ROW OF TWO OR MORE SINGLE PALLETIZED UNITS DOWN THE CENTER OF THE TRAILER LENGTH, USE THE LOAD ON PAGE 15 FOR GUIDANCE. **NOTE:** ONE ADDITIONAL STRAP MARKED ② WILL BE REQUIRED AROUND THE BASE OF THE PALLET, AT THE FORWARD END OF THE LOAD.
7. A TOTAL OF SIXTEEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE.

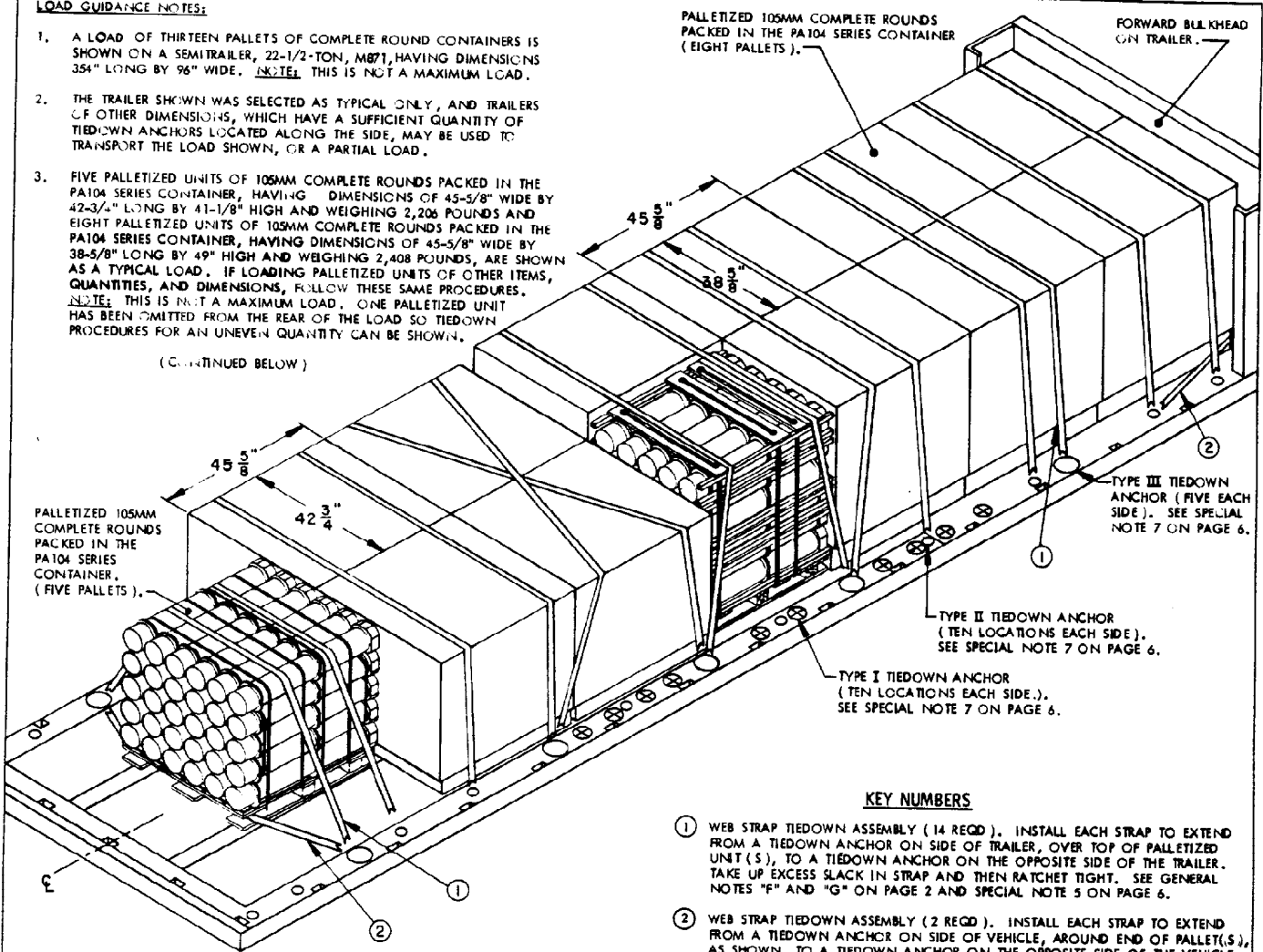
LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
* PALLETIZED UNITS	11	26,232 LBS
* SEE LOAD GUIDANCE NOTE 3 ON THIS PAGE.		

LOAD GUIDANCE NOTES:

1. A LOAD OF THIRTEEN PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A SEMITRAILER, 22-1/2-TON, M871, HAVING DIMENSIONS 354" LONG BY 96" WIDE. **NOTE:** THIS IS NOT A MAXIMUM LOAD.
2. THE TRAILER SHOWN WAS SELECTED AS TYPICAL ONLY, AND TRAILERS OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS LOCATED ALONG THE SIDE, MAY BE USED TO TRANSPORT THE LOAD SHOWN, OR A PARTIAL LOAD.
3. FIVE PALLETTIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,208 POUNDS AND EIGHT PALLETTIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETTIZED UNITS OF OTHER ITEMS, QUANTITIES, AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. **NOTE:** THIS IS NOT A MAXIMUM LOAD. ONE PALLETTIZED UNIT HAS BEEN OMITTED FROM THE REAR OF THE LOAD SO TIEDOWN PROCEDURES FOR AN UNEVEN QUANTITY CAN BE SHOWN.

(CONTINUED BELOW)



ISOMETRIC VIEW

(LOAD GUIDANCE NOTES CONTINUED)

4. THIS TRAILER IS EQUIPPED WITH THREE DIFFERENT TYPES OF TIEDOWN ANCHORS AS INDICATED IN THE "ISOMETRIC VIEW" ON THIS PAGE. THE LOAD SHOWN ON THIS PAGE REQUIRES THE USE OF TWELVE TYPE II REMOVABLE TIEDOWN ANCHORS (SIX ON EACH SIDE OF THE TRAILER), AND TEN TYPE III FIXED TIEDOWN ANCHORS (FIVE ON EACH SIDE OF THE TRAILER). SEE SPECIAL NOTE 7 ON PAGE 6.
5. POSITION THE PALLETTIZED UNITS IN SUCH A MANNER THAT EACH PALLETTIZED UNIT(S) CAN BE SECURED WITH TWO STRAPS MARKED ① OVER THE TOP. SEE SPECIAL NOTES 5 AND 6 ON PAGE 6.
6. IF THERE ARE NO APPURTENANCES, SUCH AS STRENGTHENING GUSSETS ON THE FORWARD BULKHEAD, POSITION THE LOAD AGAINST THE FORWARD BULKHEAD AND OMIT THE FORWARD STRAP MARKED ②.
7. A TOTAL OF SIXTEEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (14 REQ'D). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF TRAILER, OVER TOP OF PALLETTIZED UNIT(S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE TRAILER. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQ'D). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET(S), AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE TRAILER. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

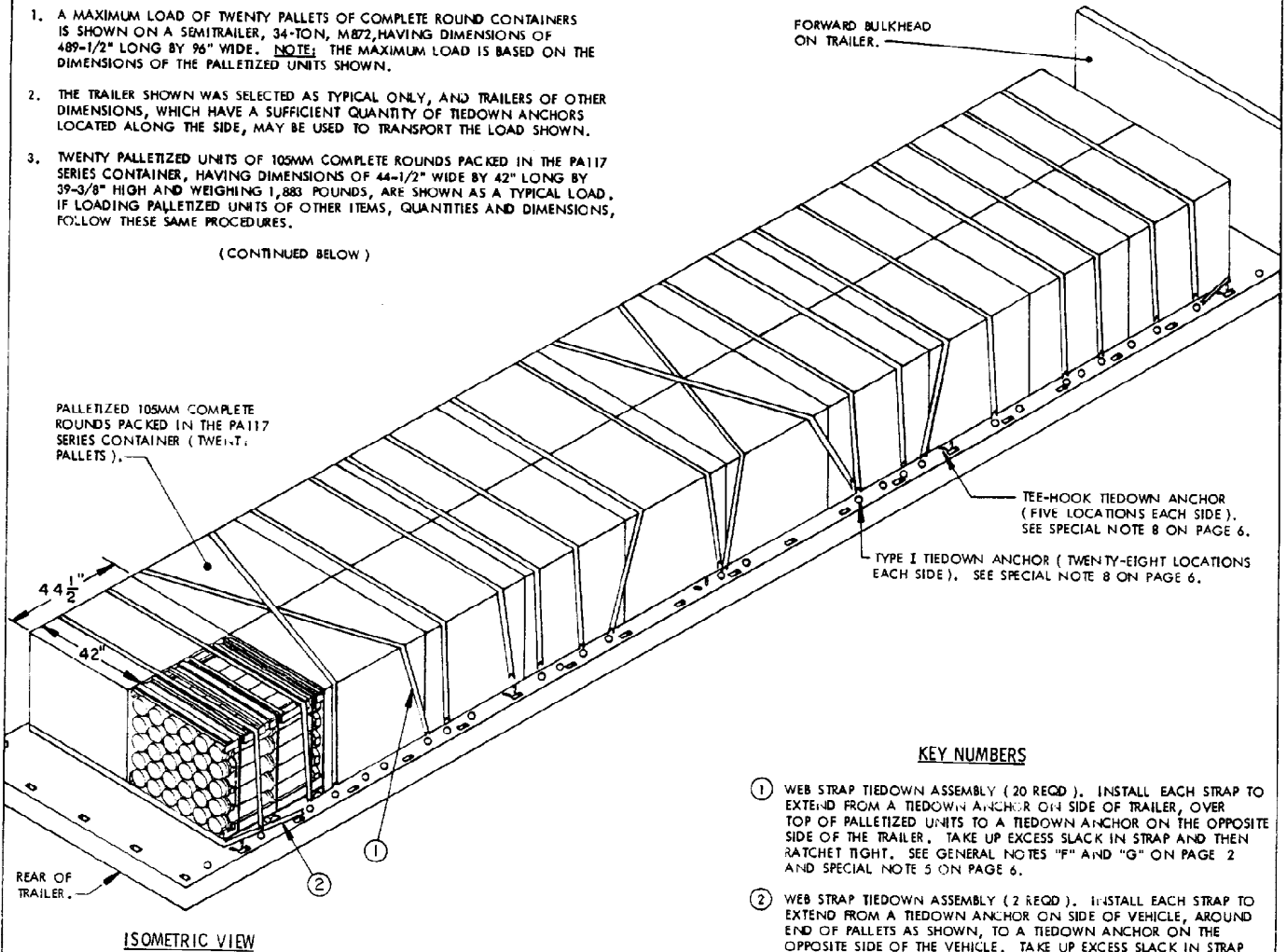
LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETTIZED UNITS	13	30,294 LBS

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF TWENTY PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A SEMITRAILER, 34-TON, M872, HAVING DIMENSIONS OF 489-1/2" LONG BY 96" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETIZED UNITS SHOWN.
2. THE TRAILER SHOWN WAS SELECTED AS TYPICAL ONLY, AND TRAILERS OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS LOCATED ALONG THE SIDE, MAY BE USED TO TRANSPORT THE LOAD SHOWN.
3. TWENTY PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA117 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 42" LONG BY 39-3/8" HIGH AND WEIGHING 1,883 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES.

(CONTINUED BELOW)



ISOMETRIC VIEW

(LOAD GUIDANCE NOTES CONTINUED)

4. THIS TRAILER IS EQUIPPED WITH TWO DIFFERENT TYPES OF TIEDOWN ANCHORS AS INDICATED IN THE "ISOMETRIC VIEW" ON THIS PAGE. THE LOAD SHOWN ON THIS PAGE REQUIRES THE USE OF THIRTY-TWO TYPE I REMOVABLE TIEDOWN ANCHORS (SIXTEEN ON EACH SIDE OF THE TRAILER). SEE SPECIAL NOTE 8 ON PAGE 6.
5. IF AN UNEVEN QUANTITY OF PALLETIZED UNITS ARE BEING LOADED, USE THE PROCEDURES SHOWN ON PAGES 19 AND 20 FOR GUIDANCE.
6. IF THERE ARE NO APPURTENANCES, SUCH AS STRENGTHENING GUSSETS ON THE FORWARD BULKHEAD, POSITION THE LOAD AGAINST THE FORWARD BULKHEAD AND OMIT THE FORWARD STRAP MARKED ②.
7. WHEN LOADING ONE PALLETIZED UNIT ON A TRAILER, POSITION THE PALLETIZED UNIT IN THE CENTER OF THE TRAILER WIDTH AND IN A LONGITUDINAL LOCATION THAT WILL ALLOW TWO STRAPS TO BE POSITIONED OVER TOP OF THE PALLETIZED UNIT AND ONE STRAP AROUND THE PALLET BASE AT EACH END.
8. A TOTAL OF TWENTY-TWO WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN ABOVE.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (20 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF TRAILER, OVER TOP OF PALLETIZED UNITS TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE TRAILER. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 5 ON PAGE 6.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLETS AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 6 ON PAGE 6.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	20	37,660 LBS

SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

1. THE LOADS SHOWN ON PAGES 23 THROUGH 26 ARE BASED ON TESTED METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS IN/ON TACTICAL VEHICLES. THE PROCEDURES SHOWN CAN BE USED IN/ON CARGO TRUCKS SUCH AS THE M54, 5 TON, AND CARGO TRAILERS SUCH AS THE M105, 1-1/2-TON, HAVING TIEDOWN ANCHORS LOCATED IN THE SIDE WALLS AND END WALLS. ALSO, THE PROCEDURES SHOWN CAN BE USED ON SEMITRAILERS SUCH AS THE M871, 22-1/2-TON, AND CARGO TRUCKS, SUCH AS THE M977, 10 TON, HEMTT, HAVING TIEDOWN ANCHORS LOCATED ON THE FLOOR. NOTE: IF LOADING A "HEMITT" ALSO SEE THE SPECIAL HEMTT LOADING SECTION ON PAGES 28 THROUGH 45.
2. THE TERM "LOOSE" COMPLETE ROUND CONTAINERS REFERS TO COMPLETE ROUND CONTAINERS REMAINING AFTER THE STEEL UNITIZING STRAPS ON A PALLETIZED UNIT HAVE BEEN CUT AND THE COMPLETE ROUND CONTAINERS REMOVED FROM THE PALLET BASE.
3. THE LOOSE COMPLETE ROUND CONTAINERS SHOWN IN THE LOADS ON PAGES 23 THROUGH 26 WERE SELECTED AS TYPICAL AND THE METHODS SHOWN WILL APPLY TO ANY LOOSE COMPLETE ROUND CONTAINER OF OTHER DIMENSIONS AND WEIGHTS.
4. THE TACTICAL VEHICLES SHOWN IN THE LOADS ON PAGES 23 THROUGH 26 WERE SELECTED AS TYPICAL AND OTHER TYPES OF VEHICLES MAY BE USED IN LIEU OF THOSE SHOWN AS LONG AS THEY COMPLY WITH GENERAL NOTE "C" ON PAGE 2.
5. GUIDANCE FOR LOADING LOOSE COMPLETE ROUND CONTAINERS THAT HAVE STACKING LUGS LOCATED ON THE BELL AT THE OPENING END AND THE COLLAR AT THE OPPOSITE END, SUCH AS THE PA104 SERIES CONTAINER:
 - A. WHEN LOADING TWO CONTAINERS, SIDE-BY-SIDE, AS SHOWN IN THE LOAD ON PAGE 24, POSITION THE STACKING LUG ON THE SIDE SO IT LOCKS INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. USE THIS PROCEDURE WHEN LOADING TWO CONTAINERS ON THE VEHICLE FLOOR, AS SHOWN ON PAGE 24, ON A PALLET AS SHOWN ON PAGE 23, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 26.
 - B. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS, SUCH AS THREE, FIVE, ELEVEN OR MORE, POSITION THE CONTAINERS IN LAYERS AS SHOWN FOR THE FIVE CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGES 23, 24, AND 26, AND THE ELEVEN CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 23. POSITION IN TWO LAYERS. POSITION THE STACKING LUGS ON THE SIDE OF THE CONTAINERS IN THE BOTTOM LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. POSITION THE SECOND LAYER CONTAINERS IN SUCH A MANNER THAT THE BELL IS LOCATED BEHIND AND BUTTED AGAINST THE BELL ON THE BOTTOM LAYER CONTAINERS. THIS WILL PREVENT THE SECOND LAYER CONTAINER BELLS FROM SLIPPING OFF THE FIRST LAYER CONTAINER BELLS DURING TRANSIT. POSITION THE STACKING LUGS ON THE CONTAINERS IN THE SECOND LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. POSITION THE CONTAINERS IN THE SECOND LAYER TO CENTER ON THE JOINTS BETWEEN THE CONTAINERS IN THE BOTTOM LAYER. USE THIS METHOD WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 23, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 24, OR ON THE TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 26.
- C. WHEN LOADING AN EVEN NUMBER OF CONTAINERS, SUCH AS FOUR, SIX, TEN OR MORE, POSITION THE CONTAINERS IN EVEN ROWS AND LAYERS AS SHOWN FOR THE TEN CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 23, THE SIX CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 24, THE TWENTY-FOUR CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 25, AND THE TWELVE CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 26. IT MAY BE NECESSARY TO FABRICATE MORE THAN ONE BUNDLE IN ORDER TO MAINTAIN EVEN QUANTITIES OF CONTAINERS IN EACH LAYER. POSITION IN EVEN NUMBER LAYERS WITH THE STACKING LUGS ON TOP SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE TOP CONTAINER. POSITION EVERY OTHER ROW OF CONTAINERS BACK SO THE CONTAINER BELLS ARE LOCATED BEHIND, AND BUTTED AGAINST, THE CONTAINER BELLS ON ADJACENT ROWS. THIS WILL PREVENT THE CONTAINER BELLS ON A ROW OF CONTAINERS FROM SLIPPING OFF THE CONTAINER BELLS IN ADJACENT ROWS DURING TRANSIT. USE THIS METHOD WHEN LOADING AN EVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 23, ON THE VEHICLE FLOOR AS SHOWN ON PAGES 24 AND 25, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 26.
6. GUIDANCE FOR LOADING LOOSE COMPLETE ROUND CONTAINERS THAT HAVE STACKING LUGS LOCATED ON THE BELL AT THE OPENING END AND THE COLLAR AT THE OPPOSITE END AND ALSO HAVE RING INTERLOCKS LOCATED ON THE CENTER COLLAR AND THE COLLAR ON THE NON-OPENING END, SUCH AS THE PA116 SERIES CONTAINER:
 - A. WHEN LOADING TWO CONTAINERS SIDE-BY-SIDE, AS SHOWN IN THE LOAD ON PAGE 24, FOLLOW THE PROCEDURES IN SPECIAL NOTE 5A ON THIS PAGE.
 - B. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS SUCH AS THREE OR FIVE, AS SHOWN IN THE LOAD ON PAGE 24, FOLLOW THE PROCEDURES IN SPECIAL NOTE 5B ON THIS PAGE.
- C. WHEN LOADING AN EVEN NUMBER OF CONTAINERS, SUCH AS FOUR, SIX OR TWENTY-FOUR, POSITION IN EVEN ROWS AND STACKS AS SHOWN FOR THE TWENTY CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 23, THE TWENTY-FOUR CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 25, AND THE TEN CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 26. POSITION IN EVEN NUMBER LAYERS WITH THE STACKING LUGS ON TOP SO THEY LOCK INTO THE STACKING LUG CONTAINER HOLE ON THE TOP CONTAINER. ALSO, THE RING INTERLOCKS MUST BE "ENGAGED" WITH THE RING INTERLOCKS ON ADJACENT CONTAINERS. USE THIS METHOD WHEN LOADING AN EVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 23, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 25, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 26. NOTE: SOMETIMES AN EVEN NUMBER OF CONTAINERS WILL NOT DIVIDE INTO AN EVEN NUMBER OF LAYERS THAT ARE PRACTICAL TO LOAD, SUCH AS TWENTY-SIX. IT MAY BE NECESSARY TO FABRICATE ONE BUNDLE OF EIGHTEEN CONTAINERS (THREE LAYERS OF SIX CONTAINERS EACH) AND ONE BUNDLE OF EIGHT CONTAINERS (TWO LAYERS OF FOUR CONTAINERS EACH).
- D. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS SUCH AS ELEVEN OR MORE, FABRICATE A BUNDLE HAVING AT LEAST THREE LAYERS OF WHICH THE BOTTOM TWO LAYERS WOULD HAVE THE SAME QUANTITY OF CONTAINERS PER EACH LAYER AND THE TOP LAYER WOULD HAVE ONE LESS CONTAINER, AS SHOWN FOR THE TWENTY-SEVEN CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 25. FABRICATE A BUNDLE THAT HAS THREE EVEN LAYERS OF SEVEN CONTAINERS EACH AND A TOP LAYER OF SIX CONTAINERS, AS SHOWN FOR THE BUNDLE OF TWENTY-SEVEN PA116 SERIES CONTAINERS ON PAGE 25. NOTE: WHEN FABRICATING A BUNDLE HAVING AN UNEVEN NUMBER OF CONTAINERS, THE TOP LAYER CAN ONLY HAVE ONE LESS CONTAINER THAN THE BOTTOM LAYERS. FOLLOW THE INSTRUCTIONS IN SPECIAL NOTE 6C ON THIS PAGE WHEN LOADING THE FIRST THREE LAYERS OF SEVEN CONTAINERS EACH. WHEN LOADING THE TOP LAYER OF SIX CONTAINERS, POSITION THE CONTAINER TO CENTER ON THE JOINTS BETWEEN THE CONTAINERS IN THE THIRD LAYER AND IN SUCH A MANNER THAT THE BELL IS LOCATED BEHIND AND BUTTED AGAINST THE BELLS ON THE THIRD LAYER CONTAINERS. THIS WILL PREVENT THE TOP LAYER CONTAINER BELLS FROM SLIPPING OFF THE FIRST LAYER CONTAINER BELLS DURING TRANSIT. POSITION THE STACKING LUGS ON THE SIDE OF THE CONTAINERS IN THE TOP LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON ADJACENT CONTAINERS. USE THIS METHOD WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 23, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 25, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 26.
7. WHEN LOADING LOOSE COMPLETE ROUND CONTAINERS, ALWAYS POSITION ALL CONTAINERS WITH THE OPENING ENDS POINTING IN THE SAME DIRECTION.

(CONTINUED AT RIGHT)

TWENTY LOOSE 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, ON A 40" X 48" PALLET.

TEN LOOSE 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, ON A 40" X 48" PALLET.

ELEVEN LOOSE, 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, ON A 40" X 48" PALLET.

FIVE LOOSE 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, ON A 40" X 48" PALLET.

COLLAR.

INDICATES TIEDOWN ANCHORS ON VEHICLE.

SEE LOAD GUIDANCE NOTE 7 ON THIS PAGE.

REAR OF VEHICLE.

ISOMETRIC VIEW

KEY NUMBERS

LOAD GUIDANCE NOTES:

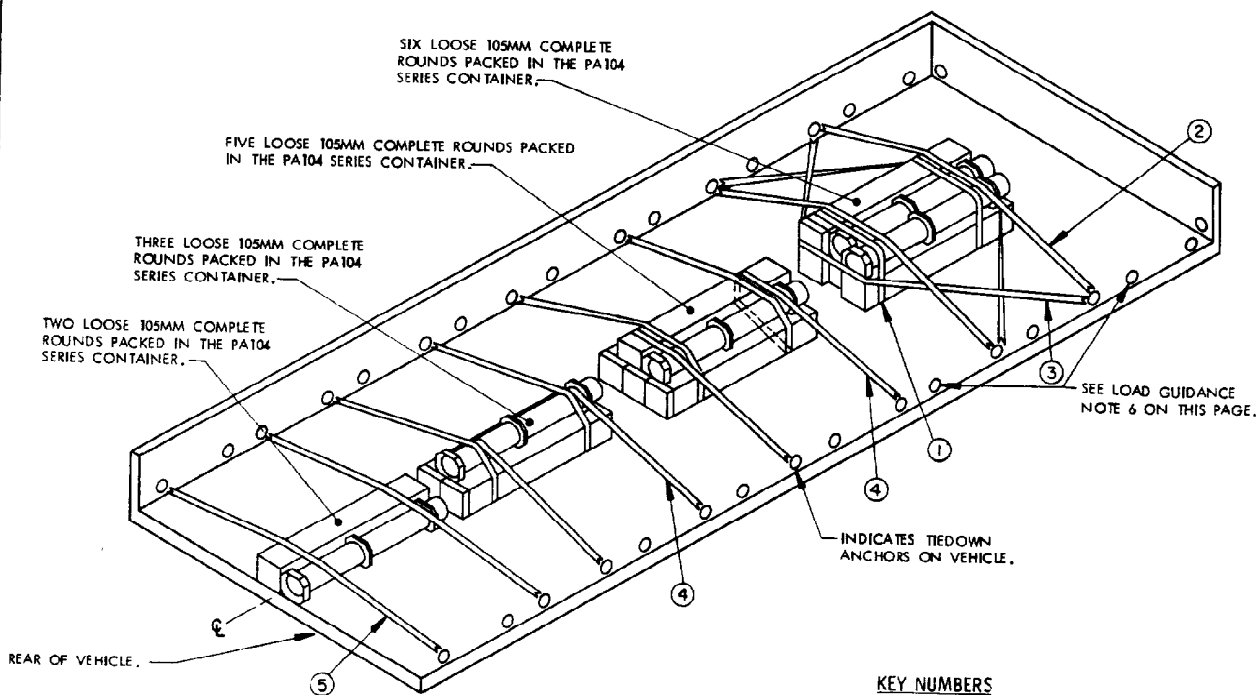
1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON PALLETS ARE SHOWN IN A TRUCK, CARGO, 5-TON, M55, HAVING INSIDE DIMENSIONS OF 244" LONG BY 88" WIDE.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE METHOD(S) SHOWN.
3. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON PALLETS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH, AND THE 120MM COMPLETE ROUND PACKED IN THE PA116 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH, ARE SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS SEE SPECIAL NOTES 5 AND 6 ON PAGE 22. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 24 THROUGH 26.
4. IF THE BUNDLE OF CONTAINERS BEING LOADED ON A PALLET IS ONE OR TWO LAYERS HIGH AND OVERHANGS THE PALLET ON EACH SIDE, AS SHOWN FOR THE ELEVEN PA104 SERIES CONTAINERS IN THE LOAD ABOVE, STRAPS MARKED ① MAY BE OMITTED.
5. WOOD PALLETS HAVING DIMENSIONS OF 40" X 48" ARE SHOWN IN THE LOAD ABOVE. HOWEVER, THE METHODS SHOWN MAY BE USED FOR WOOD PALLETS OF OTHER DIMENSIONS AND/OR METAL PALLETS.
6. THE PROCEDURES SHOWN ABOVE MAY BE USED FOR SECURING LOOSE PROPELLING CHARGE CONTAINERS ON SEMITRAILERS SUCH AS THE M127, 12-TON, THE M871, 22-1/2-TON, AND THE M872, 34-TON. THE WEB STRAP TIEDOWN ASSEMBLIES WILL BE ATTACHED TO DESIGNATED TIEDOWN ANCHORS LOCATED ON THE FLOOR OF THE SEMITRAILER IN LIEU OF THE SIDE WALL AS SHOWN ABOVE.
7. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ④ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ③.

(KEY NUMBERS CONTINUED)

- ⑤ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF TWO THROUGH FIVE CONTAINERS POSITIONED ON A PALLET). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AND THE TOP DECK OF THE PALLET. PRE-POSITION THESE TWO STRAPS ON THE PALLET AT THE APPROXIMATE LOCATION SHOWN. MAKE SURE THE STRAPS LAY FLAT ACROSS THE PALLET WITH THE RATCHET HANDLE FACING DOWN, AND DRAPE THE ENDS OVER THE SIDE OF THE PALLET. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLET. POSITION THE CONTAINERS ON THE PALLET AND OVER TOP OF STRAPS. WHILE HOLDING CONTAINERS IN POSITION BRING EACH END OF STRAP UP, CROSS ENDS OVER TOP OF CONTAINERS, THREAD NON-RATCHET END OF STRAP DOWN AND UNDER TOP DECK OF PALLET. THEN HOOK ENDS OF STRAP TOGETHER. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH PALLET). INSTALL EACH STRAP FROM TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ③, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS, MARKED ③, ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. NOTE: ONLY ONE STRAP IS REQUIRED IF PALLET IS POSITIONED AGAINST AN END WALL AS SHOWN ABOVE. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 7 ON THIS PAGE.

(CONTINUED AT LEFT)

LOOSE COMPLETE ROUND CONTAINERS SECURED ON A PALLET, IN A TRUCK, CARGO, 5 TON, M55



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING ONE OR MORE LOOSE COMPLETE ROUND CONTAINERS ARE SHOWN IN A TRUCK, CARGO, 5-TON, M55, HAVING INSIDE DIMENSIONS OF 244" LONG BY 88" WIDE.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE METHOD (S) SHOWN.
3. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING ONE THROUGH SIX LOOSE COMPLETE ROUND CONTAINERS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER AND HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH IS SHOWN AS TYPICAL. IF LOADING CONTAINERS OF OTHER DIMENSIONS AND SERIES, FOLLOW THESE SAME PROCEDURES. ONE OR TWO CONTAINERS MAY BE SECURED WITH TWO STRAPS OVER TOP AS INSTRUCTED IN KEY NUMBER ⑤ OR TWO STRAPS THAT ENCIRCLE THE CONTAINER (S) AS INSTRUCTED IN KEY NUMBER ④. THREE THROUGH FIVE CONTAINERS MAY BE SECURED WITH TWO STRAPS THAT ENCIRCLE THE CONTAINERS AS INSTRUCTED IN KEY NUMBER ④. SIX OR MORE CONTAINERS MUST BE SECURED WITH SIX STRAPS AS INSTRUCTED IN KEY NUMBERS ①, ②, AND ③ ON THIS PAGE AND PAGE 25. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 5 AND 6 ON PAGE 22. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS USE THE PROCEDURES SHOWN ON PAGE 22.
4. THE PROCEDURES SHOWN ABOVE MAY BE USED FOR SECURING LOOSE PROPELLING CHARGE CONTAINERS ON SEMITRAILERS SUCH AS THE M127, 12-TON, THE M871, 22-1/2-TON, AND THE M872, 34-TON. THE WEB STRAP TIEDOWN ASSEMBLIES WILL BE ATTACHED TO DESIGNATED TIEDOWN ANCHORS LOCATED ON THE FLOOR OF THE SEMITRAILER IN LIEU OF THE SIDEWALL AS SHOWN ABOVE.
5. THE QUANTITY OF CONTAINERS WITHIN A BUNDLE IS LIMITED TO THE QUANTITY THAT CAN BE ENCIRCLED WITH ONE WEB STRAP TIEDOWN ASSEMBLY, SHOWN AS KEY NUMBER ① ABOVE.
6. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ③ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②.

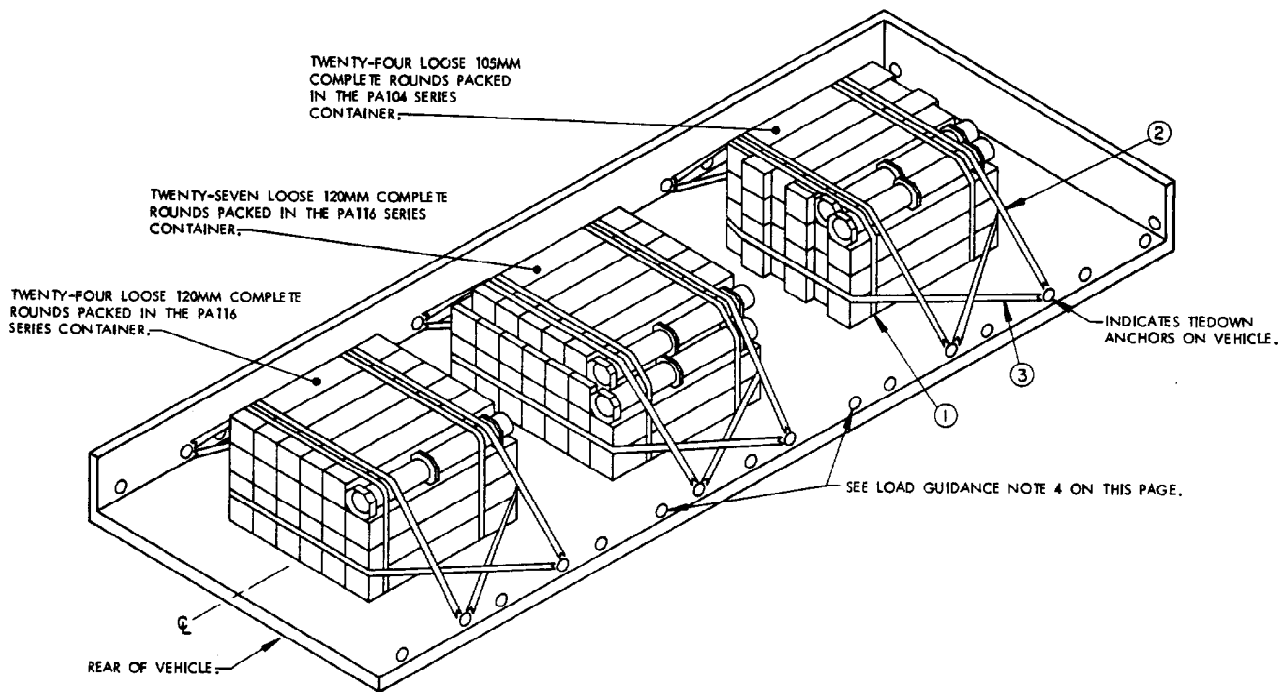
(KEY NUMBERS CONTINUED)

- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR ONE OR TWO LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF CONTAINER(S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. NOTE: THE CONTAINER(S) SHOULD BE POSITIONED SO STRAPS MARKED ③ WILL GO STRAIGHT OVER THE TOP OF THE CONTAINER(S) AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER(S). TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ③ AT THE SAME TIME. NOTE: IF DESIRED, THE STRAPS MAY ENCIRCLE ONE OR TWO CONTAINERS AS INSTRUCTED FOR KEY NUMBER ④. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT ACROSS THE FLOOR AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION THE FIRST LAYER OF CONTAINERS ON THE FLOOR AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS IN LAYERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ① TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES MARKED ② TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED ② TIGHT. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ② AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED ② WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF BUNDLED CONTAINERS AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS MARKED ② ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 6 ON THIS PAGE.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF THREE TO FIVE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE, IN LINE WITH THE TIEDOWN ANCHORS TO BE USED, PRIOR TO LOADING THE CONTAINERS. MAKE SURE THE STRAPS LAY FLAT ACROSS THE FLOOR, WITH THE RATCHET HANDLE FACING DOWN, AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION TWO THROUGH FIVE LOOSE CONTAINERS ON THE FLOOR AND CENTERED OVER TOP OF BOTH STRAPS. WHILE HOLDING CONTAINERS IN POSITION, BRING EACH END OF A STRAP UP, CROSS ENDS OVER TOP OF BUNDLE, AND ATTACH ENDS OF STRAP TO TIEDOWN ANCHORS ON OPPOSITE SIDES OF THE VEHICLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME, AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

(CONTINUED AT LEFT)



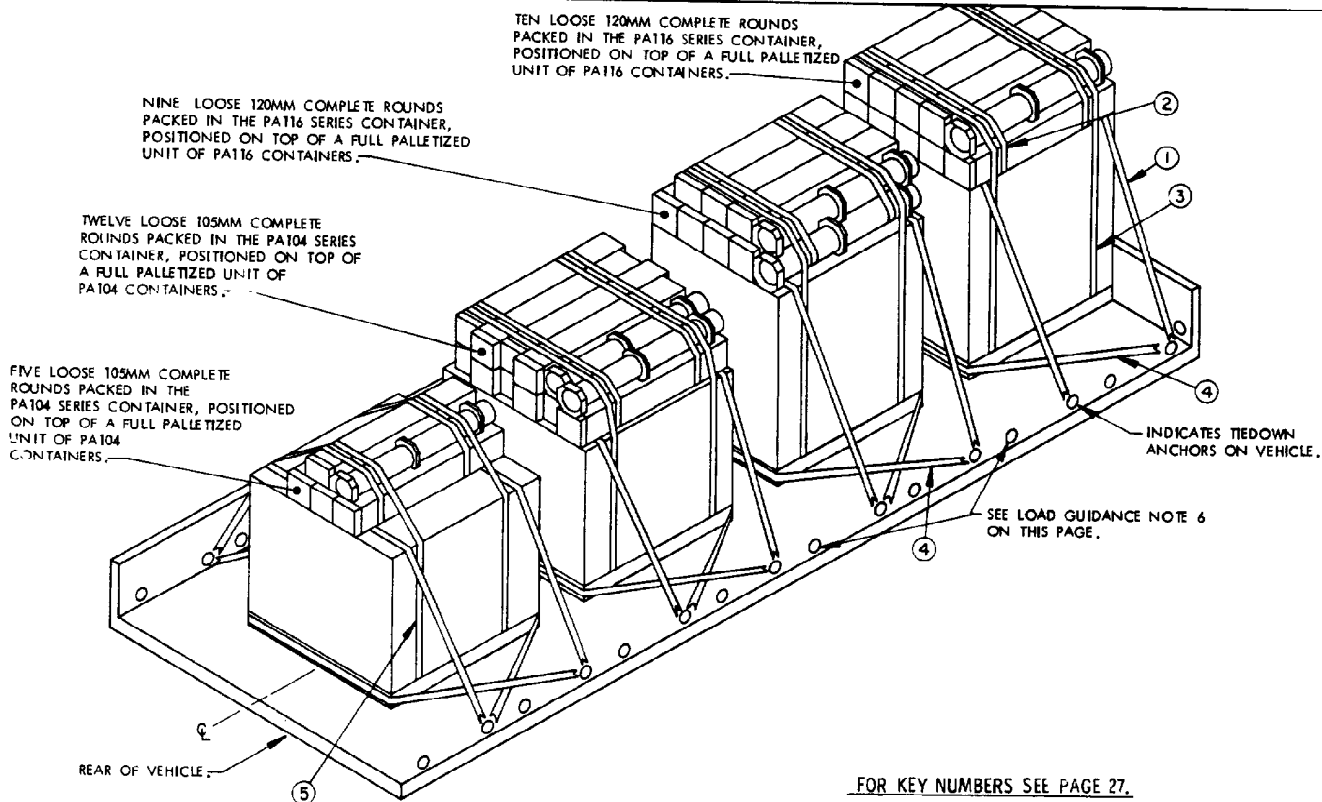
ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

KEY NUMBERS

1. TYPICAL METHODS FOR SECURING ONE OR MORE LOOSE COMPLETE ROUND CONTAINERS ARE SHOWN IN A TRUCK, CARGO, 5-TON, M55 HAVING INSIDE DIMENSIONS OF 244" LONG BY 88" WIDE.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE METHOD(S) SHOWN.
3. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS. THE 105MM COMPLETE ROUND PACKED IN THE PAT04 SERIES CONTAINER AND HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH, AND THE 120MM COMPLETE ROUND PACKED IN THE PAT16 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH, ARE SHOWN AS TYPICAL. IF LOADING CONTAINERS OF OTHER DIMENSIONS AND SERIES, FOLLOW THESE SAME PROCEDURES. SIX OR MORE CONTAINERS MUST BE SECURED WITH SIX STRAPS AS INSTRUCTED IN KEY NUMBERS ①, ②, AND ③ ON THIS PAGE. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 5 AND 6 ON PAGE 22. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 23 AND 26.
4. THE PROCEDURES SHOWN ABOVE MAY BE USED FOR SECURING LOOSE PROPELLING CHARGE CONTAINERS ON SEMITRAILERS SUCH AS THE M127, 12-TON, THE M871, 22-1/2-TON, AND THE M872, 34-TON. THE WEB STRAP TIEDOWN ASSEMBLIES WILL BE ATTACHED TO DESIGNATED TIEDOWN ANCHORS LOCATED ON THE FLOOR OF THE SEMITRAILER IN LIEU OF THE SIDE WALL AS SHOWN ABOVE.
5. THE QUANTITY OF CONTAINERS WITHIN A BUNDLE IS LIMITED TO THE QUANTITY THAT CAN BE ENCIRCLED WITH ONE WEB STRAP TIEDOWN ASSEMBLY, SHOWN AS KEY NUMBER ① ABOVE.
6. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ③ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②.

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT ACROSS THE FLOOR AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION THE FIRST LAYER OF CONTAINERS ON THE FLOOR AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS IN LAYERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ① TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES MARKED ③ TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED ② TIGHT. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ② AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED ② WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF BUNDLED CONTAINERS AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS MARKED ② ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 6 ON THIS PAGE.



ISOMETRIC VIEW

FOR KEY NUMBERS SEE PAGE 27.

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON TOP OF PALLETIZED UNITS, ARE SHOWN IN A TRUCK, CARGO, 5-TON, M55 HAVING INSIDE DIMENSIONS OF 244" LONG BY 88" WIDE.
2. THE VEHICLE SHOWN WAS SELECTED AS TYPICAL ONLY, AND VEHICLES OF OTHER DIMENSIONS, WHICH HAVE A SUFFICIENT QUANTITY OF TIEDOWN ANCHORS, LOCATED ON THE SIDEWALL, END WALL, OR FLOOR, MAY BE USED TO TRANSPORT THE METHOD (5) SHOWN.
3. HOLD-DOWN STRAPS MARKED ① ARE POSITIONED OVER TOP OF THE PALLETIZED UNIT AND MUST NOT BE POSITIONED OVER TOP OF THE LOOSE CONTAINERS ON TOP OF A PALLETIZED UNIT. SEE KEY NUMBERS ① AND ② ON PAGE 27 FOR GUIDANCE WHEN LOADING LOOSE CONTAINERS ON TOP OF PALLETIZED UNITS.
4. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON TOP OF PALLETIZED UNITS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH AND THE 120MM COMPLETE ROUND PACKED IN THE PA116 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH, ARE SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 5 AND 6 ON PAGE 22. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 23 THROUGH 25.
5. THE QUANTITY OF LOOSE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT IS ONE CONTAINER UP TO A MAXIMUM OF TWO FULL LAYERS OF CONTAINERS. NOTE: THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT. IS SO, CHECK STRAPS MARKED ② AND ③ FOR TIGHTNESS AND RE-TIGHTEN IF NECESSARY.
6. THE PROCEDURES SHOWN ABOVE MAY BE USED FOR SECURING LOOSE PROPELLING CHARGE CONTAINERS ON SEMITRAILERS SUCH AS THE M127, 12-TON, THE M871, 22-1/2-TON, AND THE M872, 34-TON. THE WEB STRAP TIEDOWN ASSEMBLIES WILL BE ATTACHED TO DESIGNATED TIEDOWN ANCHORS LOCATED ON THE FLOOR OF THE SEMITRAILER IN LIEU OF THE SIDE WALL AS SHOWN ABOVE.
7. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ④ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ①.

KEY NUMBERS (FOR THE LOAD ON PAGE 26)

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED OVER TOP OF EACH PALLETIZED UNIT). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, UNDER ALL LOOSE CONTAINERS WHICH ARE POSITIONED ON TOP OF THE PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. NOTE: STRAPS MARKED ① MUST BE INSTALLED OVER TOP OF THE PALLETIZED UNIT PRIOR TO POSITIONING THE LOOSE CONTAINERS ON TOP OF THE PALLETIZED UNIT. TAKE UP EXCESS SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON TOP OF THE PALLETIZED UNIT PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT AND DRAPE THE ENDS OVER THE SIDE OF THE PALLETIZED UNIT. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLETIZED UNIT. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ② TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT). INSTALL EACH STRAP TO ENCIRCLE PALLETIZED UNIT AND ALL LOOSE CONTAINERS POSITIONED ON TOP OF THE PALLETIZED UNIT. PRIOR TO POSITIONING LOOSE CONTAINERS ON THE PALLETIZED UNIT, THREAD STRAPS MARKED ③ UNDER THE TOP DECK OF THE PALLET WITH BOTH RATCHET ENDS ON THE SAME SIDE OF THE PALLET. MAKE SURE THE STRAPS LAY FLAT WITH NO TWISTS IN THEM. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT. ADJUST THE TWO STRAPS MARKED ③ SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINERS. KEEP THE BOTTOM LAYER CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, BRING ENDS OF STRAPS UP OVER TOP OF LOOSE CONTAINERS AND HOOK ENDS OF STRAP TOGETHER. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. NOTE: AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS SO THEY FORM A TIGHT BUNDLE ON TOP OF THE PALLETIZED UNIT. THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT, IF SO, CHECK STRAPS FOR TIGHTNESS AND RE-TIGHTEN IF NECESSARY. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ④ WEB STRAP TIEDOWN ASSEMBLY (AS REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 7 ON PAGE 26.
- ⑤ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF TWO THROUGH FIVE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AND THE PALLETIZED UNIT. PRE-POSITION THESE TWO STRAPS ON TOP OF THE PALLETIZED UNIT AT THE APPROXIMATE LOCATION SHOWN. MAKE SURE THE STRAPS LAY FLAT WITH THE RATCHET HANDLE FACING DOWN AND DRAPE THE ENDS OVER THE SIDE OF THE PALLETIZED UNIT. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLETIZED UNIT. POSITION THE CONTAINERS ON TOP OF THE PALLETIZED UNIT AND OVER TOP OF STRAPS. WHILE HOLDING CONTAINERS IN POSITION, BRING EACH END OF STRAP UP, CROSS ENDS OVER TOP OF CONTAINERS, THREAD NON-RATCHET END OF STRAP DOWN AND UNDER PALLETIZED UNIT. THEN HOOK ENDS OF STRAP TOGETHER. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

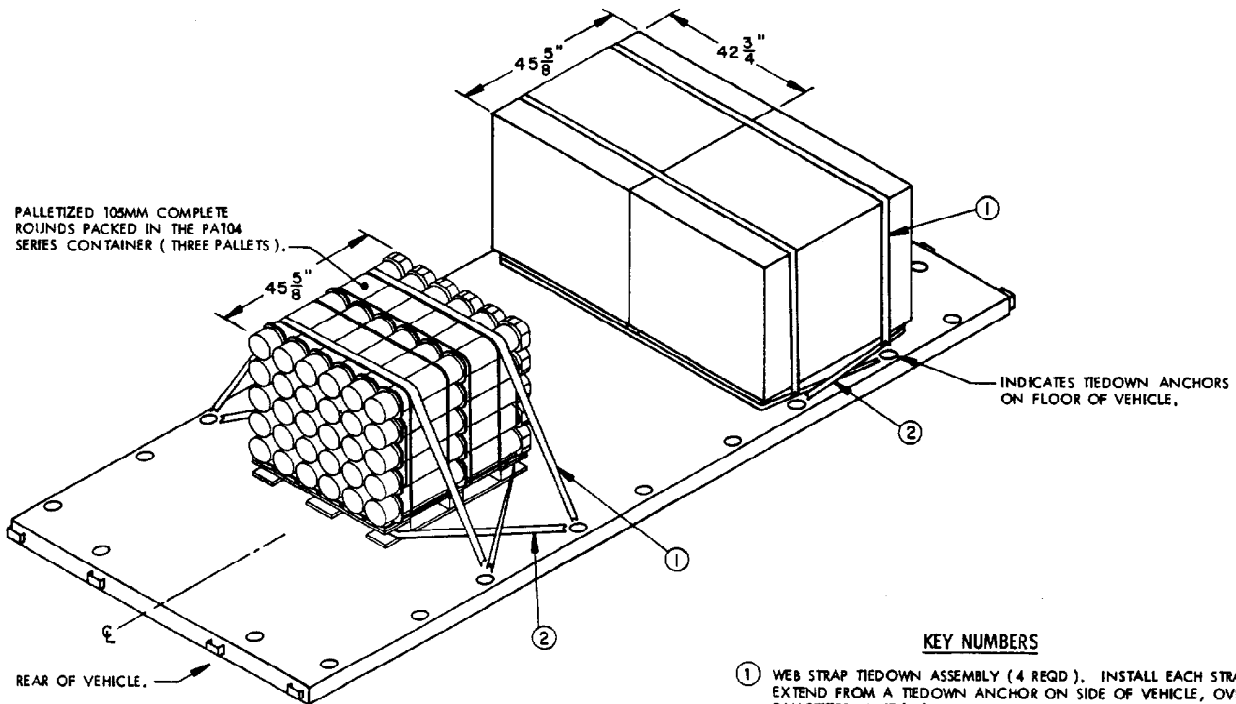
SPECIAL NOTES:

(SPECIAL NOTES CONTINUED)

1. THE LOADS SHOWN ON PAGES 29 THROUGH 45 ARE BASED ON TESTED METHODS OF SECURING PALLETIZED AND/OR LOOSE COMPLETE ROUND CONTAINERS IN/ON THE HEAVY EXPANDED MOBILITY TACTICAL TRUCK (HEMTT), 10-TON, M977 AND/OR M985. NOTE: THESE METHODS APPLY TO THE HEMTT ONLY. DO NOT POSITION PALLETIZED UNITS OR LOOSE CONTAINERS AGAINST THE END WALLS AND/OR SIDE WALLS.
2. THE PROCEDURES SHOWN ARE FOR SECUREMENT OF PALLETIZED UNITS HAVING STEEL UNITIZING STRAPS AND/OR "LOOSE" COMPLETE ROUND CONTAINERS. THE TERM "LOOSE" COMPLETE ROUND CONTAINERS REFERS TO COMPLETE ROUND CONTAINERS REMAINING AFTER THE STEEL UNITIZING STRAPS ON A PALLETIZED UNIT HAVE BEEN CUT AND THE COMPLETE ROUND CONTAINERS REMOVED FROM THE PALLET BASE.
3. PRIOR TO LOADING PALLETIZED UNITS ON A VEHICLE, SELECT THE QUANTITY OF PALLETIZED UNITS TO BE LOADED. DO NOT EXCEED THE OFF-HIGHWAY WEIGHT LIMIT OF THE VEHICLE. SELECT A LOCATION WITHIN THE LENGTH OF THE CARGO BED THAT WILL PROVIDE ADEQUATE TIEDOWN ANCHORS TO SECURE THE LOAD, USING THE TIEDOWN PROCEDURES DEPICTED ON PAGES 29 THROUGH 39.
4. EACH SINGLE PALLETIZED UNIT AND/OR TWO ADJACENT PALLETIZED UNITS POSITIONED ACROSS THE WIDTH OF THE VEHICLE, AS SHOWN ON PAGES 29 THROUGH 39, MUST BE SECURED WITH TWO STRAPS ATTACHED TO TIEDOWN ANCHORS ON ONE SIDE OF VEHICLE OVER TOP OF PALLETIZED UNIT (S), TO MATING TIEDOWN ANCHORS ON OPPOSITE SIDE OF VEHICLE. NOTE: DO NOT POSITION THESE STRAPS ACROSS LOAD ON LONGITUDINAL JOINTS BETWEEN PALLETIZED UNITS. IF THE TIEDOWN ANCHORS ON SIDE OF VEHICLE ARE TOO CLOSE TOGETHER, TOO FAR APART, OR ARE NOT IN A LOCATION WHICH WILL ALLOW ADEQUATE HOLD DOWN OF PALLETIZED UNIT(S) WHEN STRAPS ARE POSITIONED STRAIGHT OVER TOP OF LOAD, THE TWO HOLD DOWN STRAPS MAY BE CROSSED OVER THE TOP OF THE PALLETIZED UNIT (S) AS SHOWN IN THE LOAD ON PAGE 32.
5. THE PALLETIZED UNITS SHOWN IN THE LOADS ON PAGES 29 THRU 39 AND THE LOOSE COMPLETE ROUND CONTAINERS SHOWN IN THE LOADS ON PAGES 40 THROUGH 45 WERE SELECTED AS TYPICAL AND THE METHODS SHOWN WILL APPLY TO ANY PALLETIZED UNIT, AND/OR LOOSE COMPLETE ROUND CONTAINER, OF OTHER DIMENSION AND WEIGHTS.
6. WHEN LOADING PALLETIZED UNITS HAVING A LENGTH OF 42" OR MORE TWO WIDE, ACROSS THE WIDTH OF THE VEHICLE, THE TWO LATERALLY ADJACENT PALLETIZED UNITS MAY EXTEND OVER THE TOP OF THE TIEDOWN ANCHORS ON EACH SIDE OF THE VEHICLE PROHIBITTING ATTACHMENT OF WEB STRAP TIEDOWN ASSEMBLIES, AND/OR IF WEB STRAP TIEDOWN ASSEMBLY CAN BE ATTACHED TO THE TIEDOWN ANCHORS, THE STRAP RATCHET BEARS AGAINST THE OVERHANG OF THE PALLETIZED UNIT AT SUCH AN ANGLE THAT IT INTERFERES WITH POSITIONING THE DROP-SIDES IN THE "UP" POSITION, AND WILL ALSO DAMAGE THE SIDES IF THEY ARE FORCED INTO POSITION AGAINST THE RATCHET. NOTE: WHEN SECURING WIDE LOADS USE ONE OF THE FOLLOWING METHODS:
 - A. HOOK THE RATCHET ENDS OF TWO WEB STRAP TIEDOWN ASSEMBLIES TOGETHER. POSITION THE RATCHETS ON TOP OF THE PALLETIZED UNITS, AND ATTACH THE NON-RATCHET HOOK END OF EACH STRAP TO A TIEDOWN ANCHOR ON EACH SIDE OF THE VEHICLE. MAKE SURE THERE IS A MINIMUM OF ONE AND ONE-HALF WRAPS OF STRAP ON ONE RATCHET. THEN TAKE UP EXCESS SLACK IN REMAINING RATCHET AND RATCHET TIGHT. THIS METHOD REQUIRES TWO WEB STRAP TIEDOWN ASSEMBLIES IN LIEU OF EACH STRAP MARKED ①, WHEN USING THE PROCEDURES SHOWN ON PAGES 29 THROUGH 39.
 - B. THE PALLETIZED UNITS CAN BE POSITIONED ONE WIDE, DOWN THE CENTER OF THE VEHICLE LENGTH, IN LIEU OF TWO WIDE. SEE THE LOAD ON PAGE 34 FOR EXAMPLE.
 - C. TWO LATERALLY ADJACENT PALLETIZED UNITS MAY BE CENTERED BETWEEN TWO TIEDOWN ANCHORS ON EACH SIDE OF THE VEHICLE THAT ARE FARTHER APART THAN THE PALLETIZED UNIT WIDTH, TO WHICH THE HOLD DOWN WEB STRAPS CAN BE ATTACHED, AND WHICH WILL PROVIDE CLEARANCE BETWEEN THE PALLETIZED UNIT AND THE STRAP RATCHET, AND BETWEEN THE SIDE WALLS OF THE VEHICLE AND THE STRAP RATCHET. SEE THE LOAD SHOWN ON PAGE 38 FOR EXAMPLE.
 - D. THE TWO LATERALLY ADJACENT PALLETIZED UNITS CAN BE POSITIONED AS CLOSE AS POSSIBLE TO THE TIEDOWN ANCHORS ON ONE SIDE OF THE VEHICLES, MAKING MORE ROOM FOR THE RATCHET ON THE OPPOSITE SIDE OF THE VEHICLE.
7. THE PROCEDURES SHOWN ON PAGES 29 THROUGH 45 DO NOT REQUIRE THE DROP-SIDES AND/OR END WALLS FOR LOAD SECUREMENT. THE DROP-SIDES AND END WALLS HAVE BEEN OMITTED FOR CLARITY. HOWEVER, THE DROP-SIDES AND END WALLS MAY BE LEFT IN POSITION ON THE VEHICLE AS IT IS ONLY NECESSARY TO DROP THE SIDE PANELS FOR LOADING AND/OR UNLOADING.
8. ALL LOADS FROM ONE PALLETIZED UNIT TO A MAXIMUM LOAD OF PALLETIZED UNITS MUST BE SECURED LONGITUDINALLY WITH ONE STRAP AT EACH END, ATTACHED TO A TIEDOWN ANCHOR ON ONE SIDE OF THE VEHICLE AND POSITIONED AROUND THE END (S) OF THE PALLETIZED UNITS, TO A MATING TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE, AS SHOWN IN THE LOADS ON PAGES 29 THROUGH 41. NOTE: IF THERE IS NOT ENOUGH ROOM BETWEEN LOAD AND SIDEWALL OF VEHICLE FOR THE STRAP RATCHET, HOOK THE RATCHET ENDS OF TWO WEB STRAP TIEDOWN TOGETHER. POSITION THE RATCHETS AT THE END OF THE LOAD AND ATTACH THE NON-RATCHET HOOK END OF EACH STRAP TO A TIEDOWN ANCHOR ON EACH SIDE OF THE VEHICLE. MAKE SURE THERE IS A MINIMUM OF ONE AND ONE-HALF WRAPS OF STRAP ON RATCHET, THEN TAKE UP EXCESS SLACK IN REMAINING RATCHET AND RATCHET TIGHT. THIS METHOD REQUIRES TWO WEB STRAP TIEDOWN ASSEMBLIES IN LIEU OF ONE AT EACH LOCATION WHERE A LONGITUDINAL RETAINING STRAP IS REQUIRED. WHEN TWO WEB STRAPS ARE HOOKED TOGETHER, IT MAY BE NECESSARY TO POSITION THE RATCHETS UP ON THE FIRST LAYER OF COMPLETE ROUND CONTAINERS TO PROVIDE MORE ROOM FOR RATCHETING.
9. GUIDANCE FOR LOADING LOOSE COMPLETE ROUND CONTAINERS THAT HAVE STACKING LUGS LOCATED ON THE BELL AT THE OPENING END AND THE COLLAR AT THE OPPOSITE END, SUCH AS THE PA104 SERIES CONTAINER:
 - A. WHEN LOADING TWO CONTAINERS, SIDE-BY-SIDE, AS SHOWN IN THE LOAD ON PAGE 40, POSITION THE STACKING LUG ON THE SIDE SO IT LOCKS INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. USE THIS
- PROCEDURE WHEN LOADING TWO CONTAINERS ON THE VEHICLE FLOOR AS SHOWN ON PAGE 40, ON A PALLET AS SHOWN ON PAGE 42, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 44.
- B. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS SUCH AS THREE, FIVE, ELEVEN OR MORE, POSITION THE CONTAINERS IN LAYERS AS SHOWN FOR THE FIVE CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGES 40, 42, AND 44, AND THE ELEVEN CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 42. POSITION IN TWO LAYERS. POSITION THE STACKING LUGS ON THE SIDE OF THE CONTAINERS IN THE BOTTOM LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. POSITION THE SECOND LAYER CONTAINERS IN SUCH A MANNER THAT THE BELL IS LOCATED BEHIND AND BUTTED AGAINST THE BELL ON THE BOTTOM LAYER CONTAINERS. THIS WILL PREVENT THE SECOND LAYER CONTAINER BELLS FROM SLIPPING OFF THE FIRST LAYER CONTAINER BELLS DURING TRANSIT. POSITION THE STACKING LUGS ON THE CONTAINERS IN THE SECOND LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE SECOND LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE ADJACENT CONTAINER. POSITION THE CONTAINERS IN THE SECOND LAYER TO CENTER ON THE JOINTS BETWEEN THE CONTAINERS IN THE BOTTOM LAYER. USE THIS METHOD WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 42, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 40, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 44.
- C. WHEN LOADING AN EVEN NUMBER OF CONTAINERS SUCH AS FOUR, SIX, TEN OR MORE, POSITION THE CONTAINERS IN EVEN ROWS AND LAYERS, AS SHOWN FOR THE SIX CONTAINER BUNDLE PA104 SERIES CONTAINERS ON PAGE 40, THE TWENTY-FOUR CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 41, THE TEN CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 43, AND THE TWELVE CONTAINER BUNDLE OF PA104 SERIES CONTAINERS ON PAGE 44. IT MAY BE NECESSARY TO FABRICATE MORE THAN ONE BUNDLE IN ORDER TO MAINTAIN EVEN QUANTITIES OF CONTAINERS IN EACH LAYER. POSITION IN EVEN NUMBER LAYERS WITH THE STACKING LUGS ON TOP SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON THE TOP CONTAINER. POSITION EVERY OTHER ROW OF CONTAINERS BACK SO THE CONTAINER BELLS ARE LOCATED BEHIND, AND BUTTED AGAINST, THE CONTAINER BELLS ON ADJACENT ROWS. THIS WILL PREVENT THE CONTAINER BELLS ON A ROW OF CONTAINERS FROM SLIPPING OFF THE CONTAINER BELLS IN ADJACENT ROWS DURING TRANSIT. USE THIS METHOD WHEN LOADING AN EVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 42, ON THE VEHICLE FLOOR AS SHOWN ON PAGES 40 AND 41, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 44.
10. GUIDANCE FOR LOADING LOOSE COMPLETE ROUND CONTAINERS THAT HAVE STACKING LUGS LOCATED ON THE BELL AT THE OPENING END AND THE COLLAR AT THE OPPOSITE END AND ALSO HAS RING INTERLOCKS LOCATED ON THE CENTER COLLAR AND THE COLLAR ON THE NON-OPENING END, SUCH AS THE PA116 SERIES CONTAINER:
 - A. WHEN LOADING TWO CONTAINERS SIDE-BY-SIDE AS SHOWN IN THE LOAD ON PAGE 40, FOLLOW THE PROCEDURES IN SPECIAL NOTE 9A ON THIS PAGE.
 - B. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS SUCH AS THREE, FIVE, OR SEVEN, FOLLOW THE PROCEDURES IN SPECIAL NOTE 9B ON THIS PAGE. IF LOADING ELEVEN OR MORE CONTAINERS SEE SPECIAL NOTE 10D BELOW.
 - C. WHEN LOADING AN EVEN NUMBER OF CONTAINERS SUCH AS FOUR, SIX OR TWENTY-FOUR, POSITION IN EVEN ROWS AND STACKS AS SHOWN FOR THE TWENTY-FOUR CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 41, THE TWENTY CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 43, AND THE TEN CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 45. POSITION IN EVEN NUMBER LAYERS WITH THE STACKING LUGS ON TOP SO THEY LOCK INTO THE STACKING LUG CONTAINER HOLE ON THE TOP CONTAINER. ALSO, THE RING INTERLOCKS MUST BE "ENGAGED" WITH THE RING INTERLOCKS ON ADJACENT CONTAINERS. USE THIS METHOD WHEN LOADING AN EVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 42, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 40, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 44. NOTE: SOMETIMES AN EVEN NUMBER OF CONTAINERS WILL NOT DIVIDE INTO AN EVEN NUMBER OF LAYERS THAT ARE PRACTICAL TO LOAD, SUCH AS TWENTY-SIX. IT MAY BE NECESSARY TO FABRICATE ONE BUNDLE OF EIGHTEEN CONTAINERS (THREE LAYERS OF SIX CONTAINERS EACH) AND ONE BUNDLE OF EIGHT CONTAINERS (TWO LAYERS OF FOUR CONTAINERS EACH).
 - D. WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS SUCH AS ELEVEN OR MORE, FABRICATE A BUNDLE HAVING AT LEAST THREE LAYERS OF WHICH THE BOTTOM TWO LAYERS WOULD HAVE THE SAME QUANTITY OF CONTAINERS PER EACH LAYER AND THE TOP LAYER WOULD HAVE ONE LESS CONTAINER, AS SHOWN FOR THE TWENTY-SEVEN CONTAINER BUNDLE OF PA116 SERIES CONTAINERS ON PAGE 41. NOTE: WHEN FABRICATING A BUNDLE HAVING AN UNEVEN NUMBER OF CONTAINERS THE TOP LAYER CAN ONLY HAVE ONE LESS CONTAINER THAN THE BOTTOM LAYERS. FOLLOW THE INSTRUCTIONS IN SPECIAL NOTE 10C ON THIS PAGE WHEN LOADING THE FIRST THREE LAYERS OF SEVEN CONTAINERS EACH. WHEN LOADING THE TOP LAYER OF SIX CONTAINERS POSITION THE SECOND LAYER TO CENTER ON THE JOINTS BETWEEN THE CONTAINERS IN THE THIRD LAYER AND IN SUCH A MANNER THAT THE BELL IS LOCATED BEHIND AND BUTTED AGAINST THE BELLS ON THE THIRD LAYER CONTAINERS. THIS WILL PREVENT THE TOP LAYER CONTAINER BELLS FROM SLIPPING OFF THE FIRST LAYER CONTAINER BELLS DURING TRANSIT. POSITION THE STACKING LUGS ON THE SIDE OF THE CONTAINERS IN THE TOP LAYER SO THEY LOCK INTO THE STACKING LUG RETAINING HOLE ON ADJACENT CONTAINERS. USE THIS METHOD WHEN LOADING AN UNEVEN NUMBER OF CONTAINERS ON A PALLET AS SHOWN ON PAGE 42, ON THE VEHICLE FLOOR AS SHOWN ON PAGE 40, OR ON TOP OF A PALLETIZED UNIT AS SHOWN ON PAGE 44.
11. WHEN LOADING LOOSE COMPLETE ROUND CONTAINERS ALWAYS POSITION ALL CONTAINERS WITH THE OPENING ENDS POINTING IN THE SAME DIRECTION.

(CONTINUED AT RIGHT)

PALLETIZED 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER (THREE PALLETS).



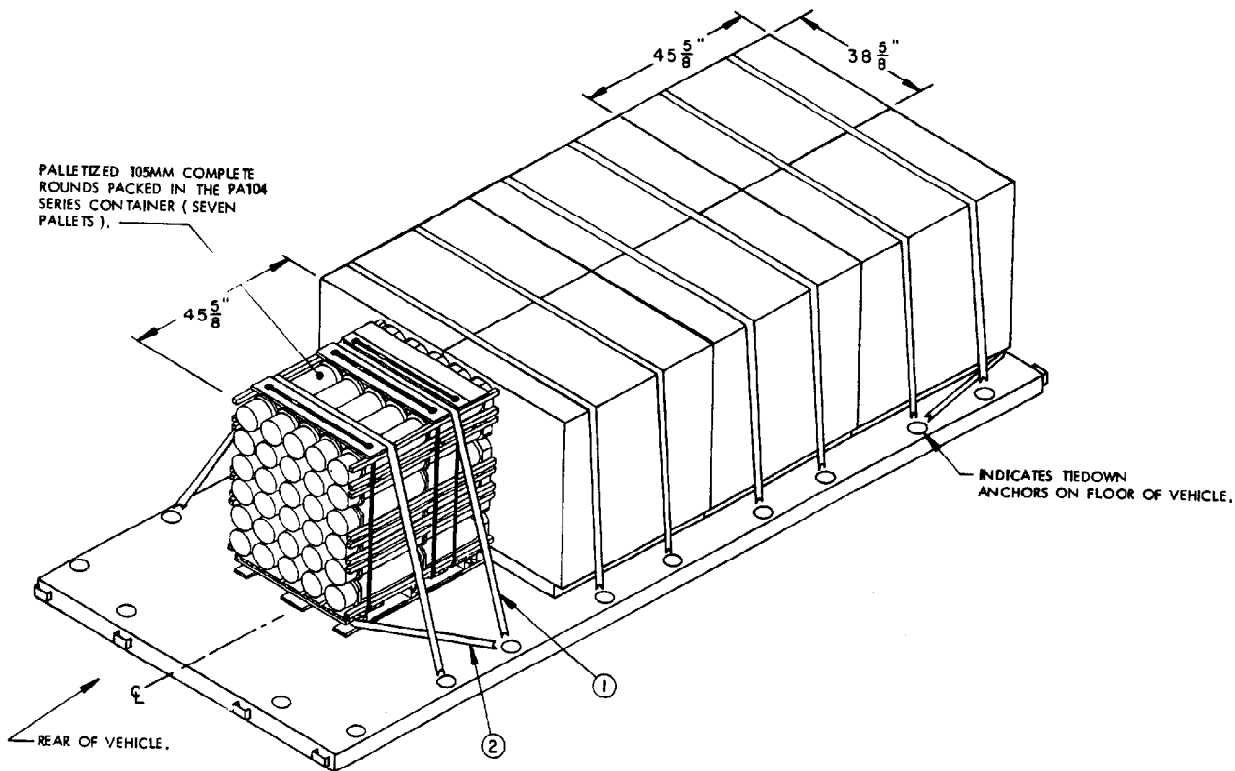
ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A LOAD OF THREE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. THREE PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 42-3/4" LONG BY 41-1/8" HIGH AND WEIGHING 2,206 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE ARE FOR SECUREMENT OF ONE PALLETIZED UNIT POSITIONED IN THE CENTER OF THE VEHICLE WIDTH AND/OR TWO PALLETIZED UNITS POSITIONED Laterally ADJACENT TO EACH OTHER ACROSS THE WIDTH OF THE VEHICLE, AND DO NOT EXTEND OVER THE TOP OF THE TIEDOWN ANCHORS. IF THE TWO Laterally ADJACENT PALLETIZED UNITS EXTEND OVER THE TOP OF THE TIEDOWN ANCHORS, USE THE PROCEDURES SHOWN ON PAGE 34.
4. A TOTAL OF EIGHT WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT (S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET (S) AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

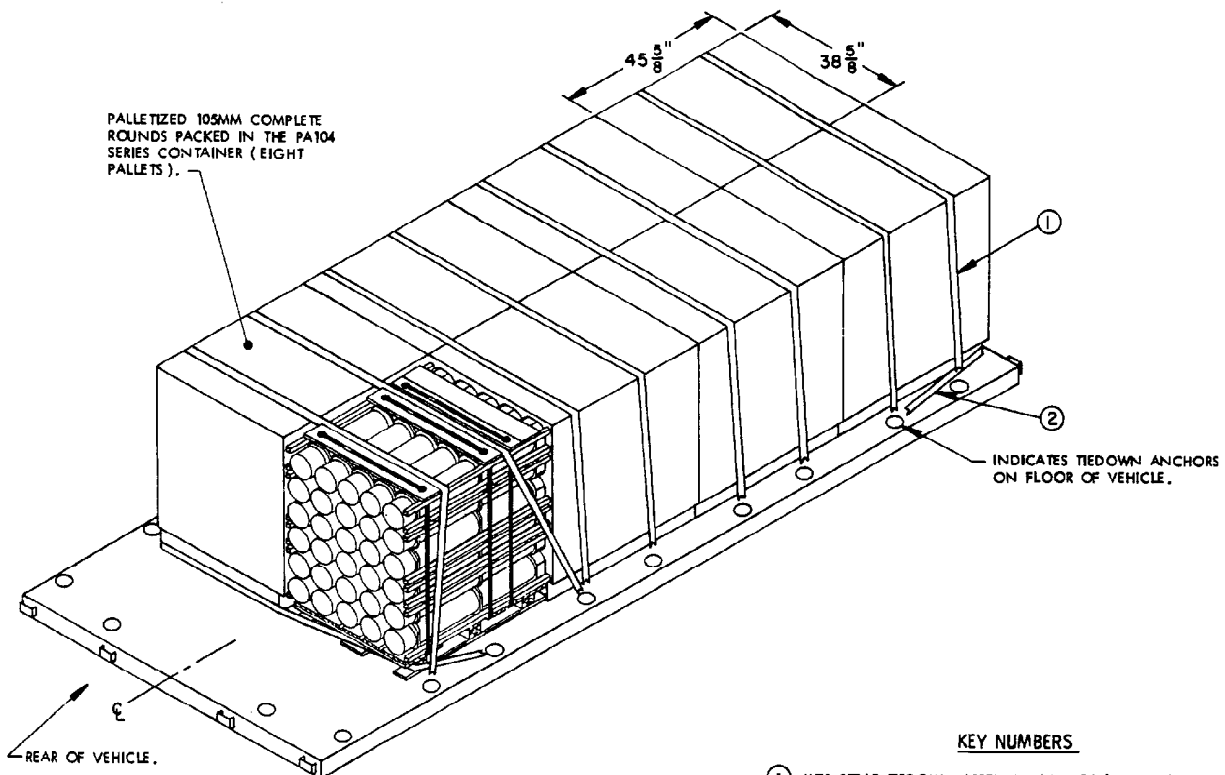
1. A LOAD OF SEVEN PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. SEVEN PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE ARE FOR SECUREMENT OF AN ODD QUANTITY OF PALLETIZED UNITS. POSITION THE FIRST TWO LATERALLY ADJACENT PALLETIZED UNITS APPROXIMATELY THREE INCHES FROM THE FORWARD END WALL OF THE VEHICLE AND TIGHT AGAINST EACH OTHER. POSITION ALL PALLETIZED UNITS IN THE LOAD TIGHT AGAINST EACH OTHER. POSITION THE REAR PALLETIZED UNIT WITH THE LENGTH DIMENSION CENTERED ON AND TIGHT AGAINST THE FORWARD PALLETIZED UNITS. IF DESIRED, THE REAR PALLETIZED UNIT MAY BE POSITIONED WITH THE WIDTH DIMENSION AGAINST THE FORWARD PALLETIZED UNITS. IF LOADING AN EVEN QUANTITY OF PALLETIZED UNITS, USE THE PROCEDURES SHOWN ON PAGE 31.
4. A TOTAL OF TEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (8 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT(S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET(S), AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNITS	7	16,856



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

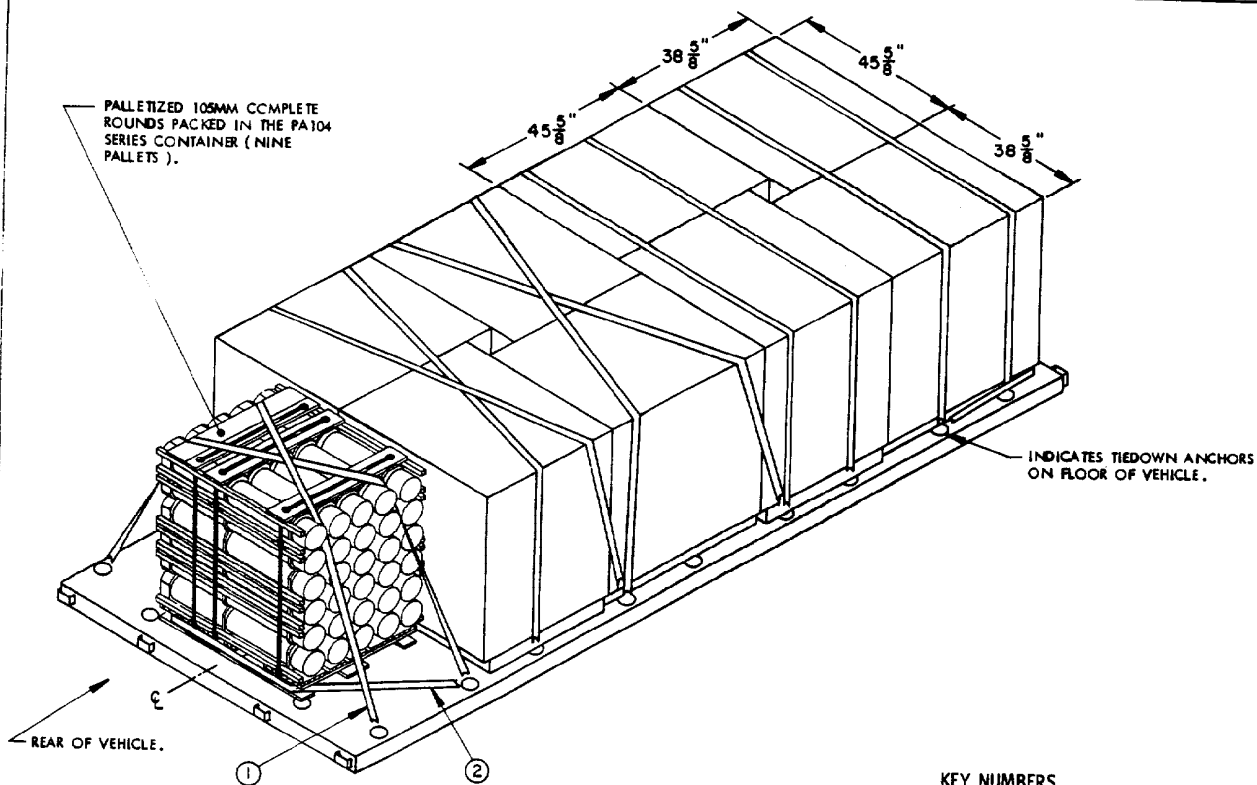
1. A MAXIMUM LOAD OF EIGHT PALLETIZED UNITS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETIZED UNIT SHOWN.
2. EIGHT PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE ARE FOR SECUREMENT OF AN EVEN QUANTITY OF PALLETIZED UNITS. POSITION THE FIRST TWO LATERALLY ADJACENT PALLETIZED UNITS APPROXIMATELY THREE INCHES FROM THE FORWARD END WALL OF THE VEHICLE AND TIGHT AGAINST EACH OTHER. POSITION ALL PALLETIZED UNITS IN THE LOAD TIGHT AGAINST EACH OTHER. IF LOADING AN ODD QUANTITY OF PALLETIZED UNITS, USE THE PROCEDURES SHOWN ON PAGE 30. ALSO SEE THE ALTERNATIVE METHODS FOR ACHIEVING MAXIMUM LOADS ON PAGES 32 AND 33.
4. A TOTAL OF TEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (8 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNITS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLETS, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNITS	8	19,264 LBS



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

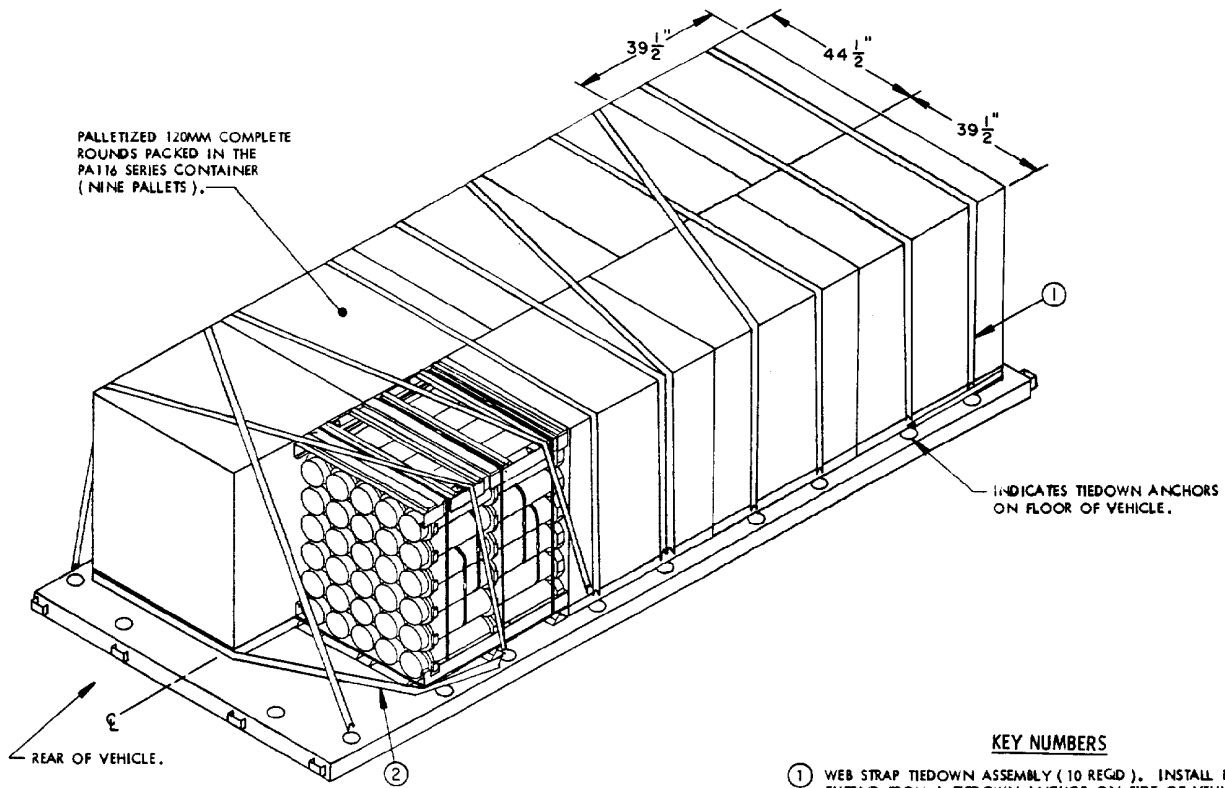
1. A MAXIMUM LOAD OF NINE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT AND/OR DIMENSIONS OF THE PALLETIZED UNIT SHOWN.
2. NINE PALLETIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 38-5/8" LONG BY 49" HIGH AND WEIGHING 2,408 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE DEPICT AN ALTERNATIVE METHOD FOR ACHIEVING A MAXIMUM LOAD. DEPENDING ON THE DIMENSIONS OF THE PALLETIZED UNIT BEING LOADED, IT MAY BE ADVANTAGEOUS TO POSITION EIGHT PALLETIZED UNITS INTO A "CHIMNEY PATTERN" AS SHOWN ABOVE. BY USING THIS METHOD, WHEN LOADING THE PALLETIZED UNIT SHOWN, ENOUGH SPACE IS GAINED TO POSITION ONE MORE PALLETIZED UNIT AT THE REAR OF THE LOAD. POSITION THE FIRST TWO PALLETIZED UNITS APPROXIMATELY THREE INCHES FROM THE FORWARD END WALL OF THE VEHICLE. ALSO SEE THE ALTERNATIVE METHOD SHOWN ON PAGE 33.
4. A TOTAL OF TWELVE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. POSITION STRAPS MARKED ① IN SUCH A MANNER THAT THERE WILL BE TWO STRAPS OVER THE TOP OF EACH PALLETIZED UNIT IN THE LOAD.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (10 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNITS TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLETS, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETIZED UNITS	9	21,672 LBS



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

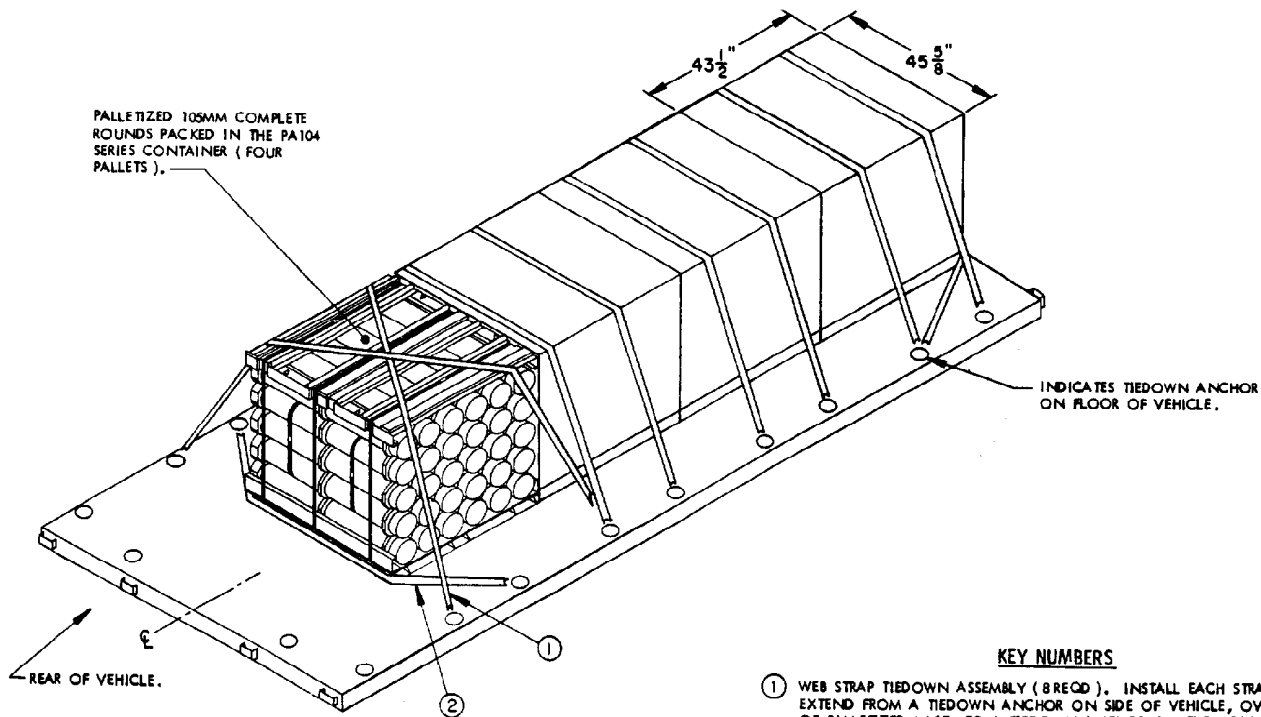
1. A MAXIMUM LOAD OF NINE PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE WEIGHT AND/OR DIMENSIONS OF THE PALLETTIZED UNIT SHOWN.
2. NINE PALLETTIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETTIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE DEPICT AN ALTERNATIVE METHOD FOR ACHIEVING A MAXIMUM LOAD. DEPENDING ON THE DIMENSIONS OF THE PALLETTIZED UNIT BEING LOADED, IT MAY BE ADVANTAGEOUS TO POSITION ONE ROW OF PALLETTIZED UNITS WITH THE LENGTH DIMENSION PARALLEL TO THE SIDE OF THE VEHICLE AND POSITION ONE ROW OF PALLETTIZED UNITS WITH THE WIDTH DIMENSION PARALLEL TO THE SIDE OF THE VEHICLE. POSITION THE FIRST PALLETTIZED UNIT IN EACH ROW APPROXIMATELY THREE INCHES FROM THE FORWARD END WALL OF THE VEHICLE. ALSO SEE THE ALTERNATIVE METHOD SHOWN ON PAGE 32.
4. A TOTAL OF TWELVE WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN. POSITION STRAPS MARKED ① IN SUCH A MANNER THAT THERE WILL BE TWO STRAPS OVER THE TOP OF EACH PALLETTIZED UNIT IN THE LOAD.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (10 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETTIZED UNITS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLETS, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

<u>ITEM</u>	<u>QUANTITY</u>	<u>WEIGHT (APPROX)</u>
PALLETTIZED UNITS	9	21,519 LBS



LOAD GUIDANCE NOTES:

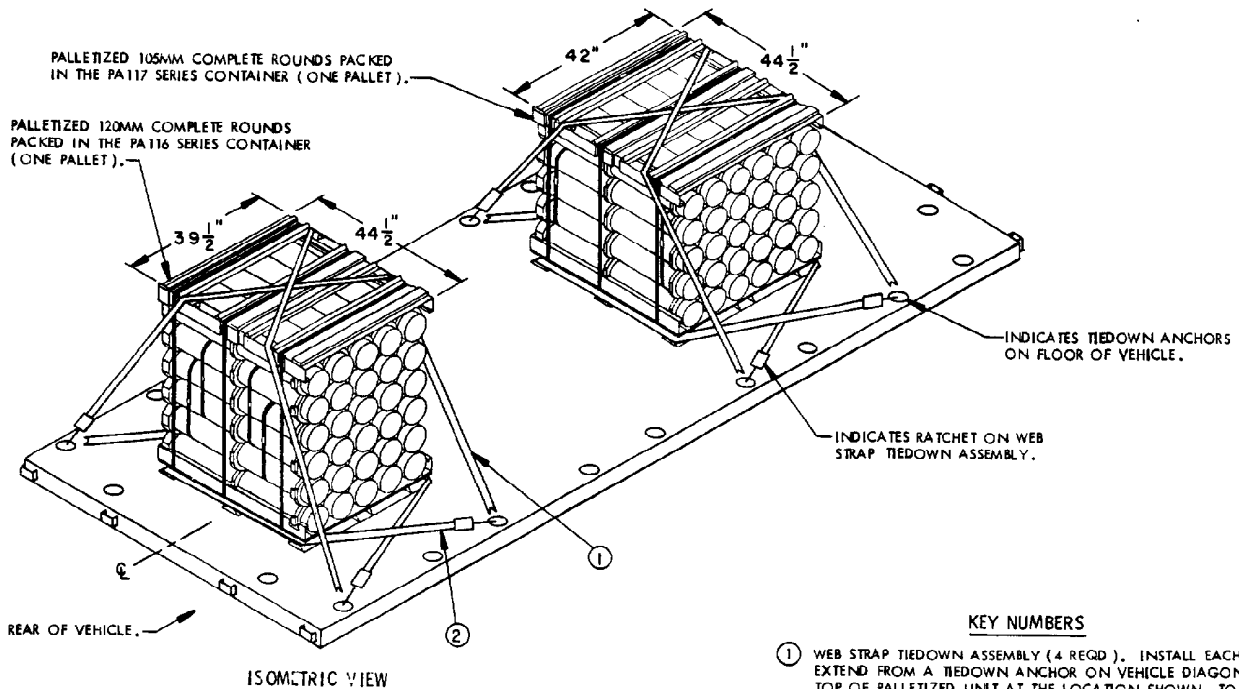
1. A LOAD OF FOUR PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985 HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. FOUR PALLETTIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" WIDE BY 43-1/2" LONG BY 40-5/8" HIGH AND WEIGHING 2,733 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING PALLETTIZED UNITS OF OTHER ITEMS, QUANTITIES AND DIMENSIONS, FOLLOW THESE SAME PROCEDURES. SEE SPECIAL NOTE 3 ON PAGE 28.
3. THE PROCEDURES SHOWN ABOVE ARE FOR LOADING ONE ROW OF PALLETTIZED UNITS DOWN THE CENTER OF THE VEHICLE LENGTH. POSITION THE FIRST PALLETTIZED UNIT APPROXIMATELY THREE INCHES FROM THE FORWARD END WALL OF THE VEHICLE. POSITION ALL PALLETTIZED UNITS TIGHT AGAINST EACH OTHER. IF DESIRED, THE PALLETTIZED UNITS MAY BE POSITIONED WITH THE 43-1/2" DIMENSION BUTTED AGAINST EACH OTHER.
4. PALLETTIZED UNITS OF OTHER ITEMS AND DIMENSIONS MAY BE MIXED WITHIN THE ROW, IF DESIRED.
5. A TOTAL OF TEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (8 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETTIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 4 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (2 REQD). INSTALL STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET, AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2, AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETTIZED UNITS	4	10,932 LBS



LOAD GUIDANCE NOTES:

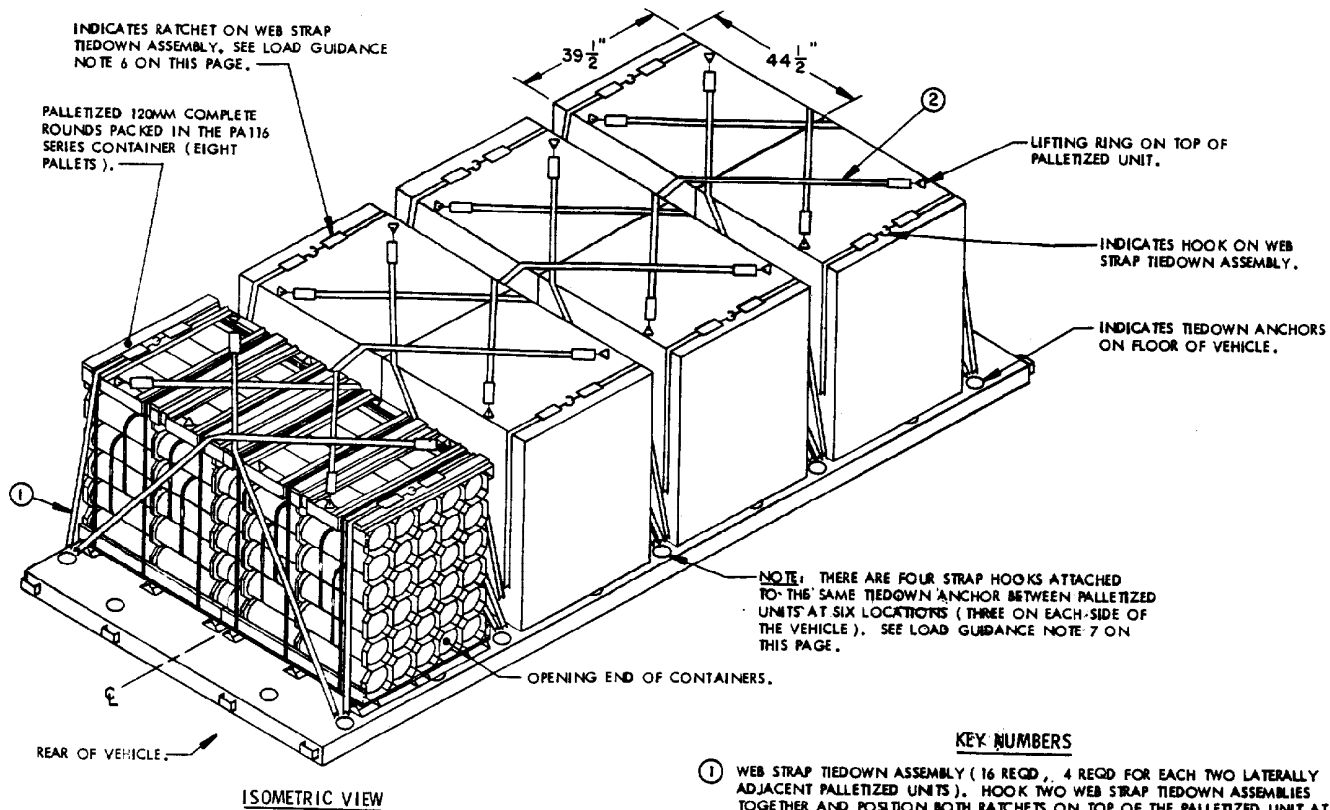
1. A LOAD OF TWO PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMITT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. ONE PALLETIZED UNIT OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS, AND ONE PALLETIZED UNIT OF 105MM COMPLETE ROUNDS PACKED IN THE PA117 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" WIDE BY 42" LONG BY 39-1/2" HIGH AND WEIGHING 1,883 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING OTHER SIMILAR TYPE PALLETIZED UNITS, FOLLOW THESE SAME PROCEDURES.
3. THE PROCEDURES SHOWN ABOVE ARE FOR FAST UNLOADING OF THE COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS WITHOUT LOOSENING OR REMOVING ANY OF THE WEB STRAP TIEDOWN ASSEMBLIES. POSITION EACH PALLETIZED UNIT IN THE CENTER OF THE VEHICLE WIDTH WITH THE OPENING ENDS OF THE CONTAINERS POINTING TOWARD THE SIDE OF THE VEHICLE. CENTER EACH PALLETIZED UNIT BETWEEN TWO TIEDOWN ANCHORS ALONG THE SIDE OF THE VEHICLE, WHICH ARE FARTHER APART THAN THE PALLET LENGTH.
4. THESE PROCEDURES MAY BE USED FOR SECURING ONE THROUGH THREE PALLETIZED UNITS DOWN THE CENTER OF THE VEHICLE AND/OR IN COMBINATION WITH THE LOADS SHOWN ON PAGES 36 THROUGH 39.
5. A TOTAL OF EIGHT WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON VEHICLE DIAGONALLY OVER TOP OF PALLETIZED UNIT AT THE LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. CROSS STRAPS AS SHOWN, AND POSITION BOTH RATCHETS ON SAME SIDE OF VEHICLE. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON VEHICLE, AROUND PALLET BASE, TO A TIEDOWN ANCHOR ON OPPOSITE SIDE OF VEHICLE. POSITION BOTH RATCHETS ON SAME SIDE OF VEHICLE. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

SPECIAL PROCEDURES

PALLETIZED COMPLETE ROUND CONTAINERS LOADED ON A TRUCK (HEMITT), 10-TON, M977 AND/OR M985



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF EIGHT PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETIZED UNIT SHOWN.
2. EIGHT PALLETIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS, ARE SHOWN AS A TYPICAL LOAD. IF LOADING OTHER SIMILAR TYPE PALLETIZED UNITS, FOLLOW THESE SAME PROCEDURES. IF LOADING LESS THAN EIGHT PALLETIZED UNITS SEE THE PROCEDURES SHOWN ON PAGES 35, 38, AND 39.
3. THE PROCEDURES SHOWN ABOVE ARE FOR FAST UNLOADING OF THE COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS WITHOUT LOOSENING OR REMOVING ANY OF THE WEB STRAP TIEDOWN ASSEMBLIES. POSITION EACH TWO LATERALLY ADJACENT PALLETIZED UNITS TIGHT AGAINST EACH OTHER WITH THE OPENING ENDS OF THE CONTAINERS POINTING TOWARD THE SIDE OF THE VEHICLE. CENTER THE PALLETIZED UNITS ACROSS THE WIDTH OF THE VEHICLE AND ALSO CENTER EACH PALLETIZED UNIT BETWEEN TWO TIEDOWN ANCHORS ALONG THE SIDE OF THE VEHICLE TO WHICH THE WEB STRAPS MARKED ① AND ② CAN BE ATTACHED.
4. TWO WEB STRAP TIEDOWN ASSEMBLIES HOOKED TOGETHER ARE REQUIRED FOR STRAPS MARKED ①. THIS IS NECESSARY BECAUSE THERE ARE FOUR STRAPS HOOKED INTO EACH TIEDOWN ANCHOR BETWEEN THE PALLETIZED UNITS, AND THE STRAP RATCHETS WILL BE DAMAGED FROM BEARING AGAINST EACH OTHER AND/OR STRAP HOOKS IF POSITIONED AT THIS LOCATION. WHEN THE RATCHET ENDS OF TWO STRAPS ARE HOOKED TOGETHER THE RATCHETS WILL LAY AT AN ANGLE, IN LIEU OF FLAT, ON TOP OF THE PALLETIZED UNIT. IF THE WEB STRAP TIEDOWN ASSEMBLIES BEING USED TO SECURE THE LOAD ARE OF THE TYPE THAT HAS A SHORT LENGTH OF STRAP BETWEEN THE RATCHET AND THE HOOK, ONLY ONE STRAP IS REQUIRED IN LIEU OF TWO STRAPS HOOKED TOGETHER, SHOWN AS KEY NUMBER ①. THE SHORT LENGTH OF STRAP POSITIONS THE RATCHET OFF OF THE FLOOR AND AVOIDS CONTACT WITH OTHER RATCHETS AND/OR HOOKS.
5. DUE TO LACK OF RESTRAINT AT THE BASE OF THE PALLETIZED UNITS, THE PALLETIZED UNITS MAY MOVE (SLIDE) SLIGHTLY LATERALLY AND LONGITUDINALLY DURING OFF HIGHWAY TRANSPORT AND/OR PANIC STOPS. THIS IS ACCEPTABLE AS LONG AS THE MOVEMENT IS NOT EXCESSIVE AND THE STRAP HOOKS AND THE VEHICLE TIEDOWN ANCHORS ARE NOT DAMAGED BEYOND USE.
6. THE WEB STRAP RATCHETS MUST BE POSITIONED AS SHOWN IN THE ISOMETRIC VIEW AND/OR INSTRUCTED IN THE KEY NUMBERS FOR THIS LOAD.

(CONTINUED AT RIGHT)

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (16 REQD, 4 REQD FOR EACH TWO LATERALLY ADJACENT PALLETIZED UNITS). HOOK TWO WEB STRAP TIEDOWN ASSEMBLIES TOGETHER AND POSITION BOTH RATCHETS ON TOP OF THE PALLETIZED UNIT AT THE LOCATION SHOWN IN THE ISOMETRIC VIEW ABOVE. ATTACH THE NON-RATCHET HOOK ENDS OF STRAPS TO THE VEHICLE TIEDOWN ANCHORS ON EACH SIDE OF THE PALLETIZED UNIT. TAKE UP EXCESS SLACK IN ONE STRAP AND THEN RATCHET UNTIL THERE IS A MINIMUM OF ONE AND ONE-HALF WRAPS OF STRAP ON THE TAKE-UP SPOOL. TAKE UP EXCESS SLACK IN THE REMAINING STRAP AND THEN RATCHET TIGHT. NOTE: ATTACH HOOK ENDS OF ALL STRAPS WHICH GO TO THE SAME TIEDOWN ANCHOR, PRIOR TO RATCHETING ANY STRAP ATTACHED TO THAT TIEDOWN ANCHOR TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (16 REQD, 4 REQD FOR EACH TWO LATERALLY ADJACENT PALLETIZED UNITS). ATTACH EACH RATCHET/HOOK END OF A STRAP TO A LIFTING RING ON TOP OF THE PALLETIZED UNIT AT THE LOCATIONS SHOWN. POSITION EACH STRAP DIAGONALLY ACROSS TOP OF PALLETIZED UNIT AND OVER THE OPPOSITE EDGE OF THE ADJACENT PALLETIZED UNIT, AT THE LOCATION SHOWN IN THE ISOMETRIC VIEW. ATTACH THE NON-RATCHET HOOK ENDS OF STRAPS TO THE SAME VEHICLE TIEDOWN ANCHORS THAT WEB STRAP TIEDOWN ASSEMBLIES MARKED ①, ARE ATTACHED TO. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

(LOAD GUIDANCE NOTES CONTINUED)

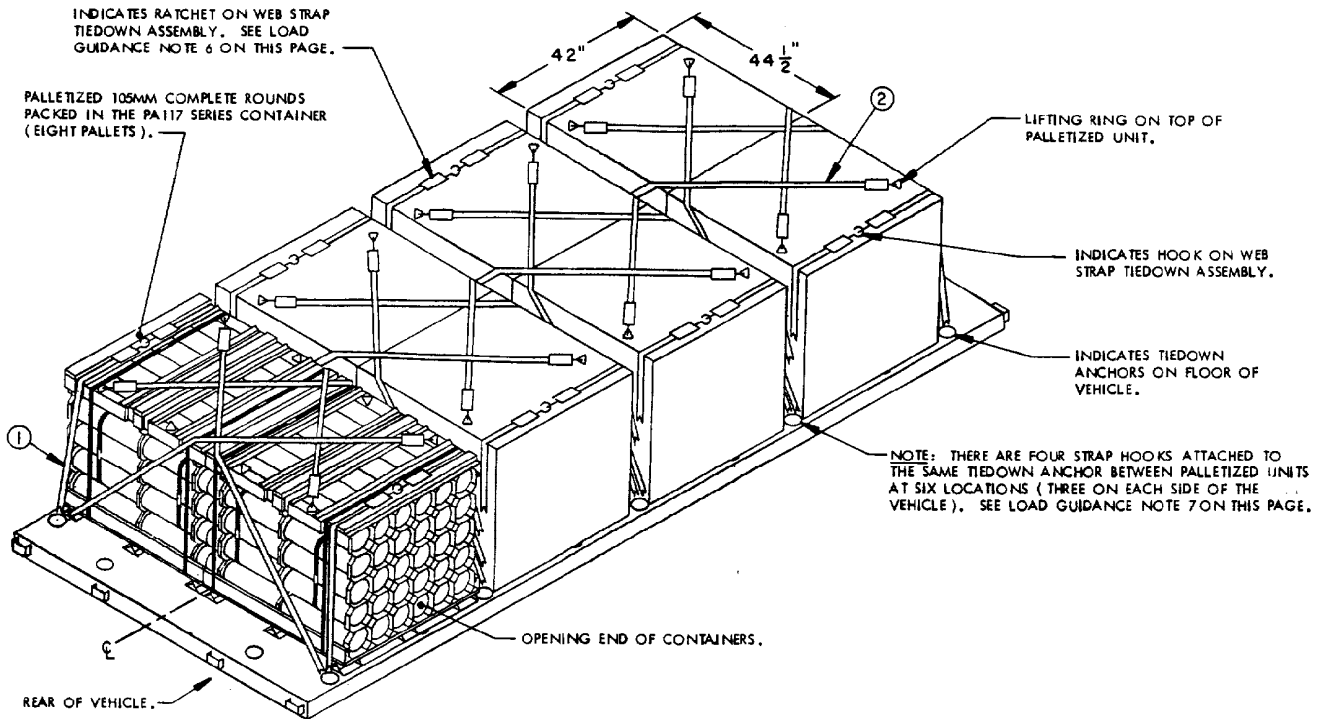
7. THIS IS A SPECIAL REQUIREMENT LOAD AND NECESSITATES ATTACHING FOUR WEB STRAP TIEDOWN ASSEMBLIES TO THE SAME TIEDOWN ANCHOR IN LIEU OF TWO, AS STATED IN GENERAL NOTE "M" ON PAGE 2.
8. A TOTAL OF THIRTY-TWO WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	8	19,128 LBS

SPECIAL PROCEDURES

PALLETIZED COMPLETE ROUND CONTAINERS LOADED ON A TRUCK (HEMTT), 10-TON, M977 AND/OR M985



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A MAXIMUM LOAD OF EIGHT PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE. NOTE: THE MAXIMUM LOAD IS BASED ON THE DIMENSIONS OF THE PALLETTIZED UNIT SHOWN.
2. EIGHT PALLETTIZED UNITS OF 105MM COMPLETE ROUNDS PACKED IN THE PA117 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 42" LONG BY 39-1/2" HIGH AND WEIGHING 1,883 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING OTHER SIMILAR TYPE PALLETTIZED UNITS, FOLLOW THESE SAME PROCEDURES. IF LOADING LESS THAN EIGHT PALLETTIZED UNITS SEE THE PROCEDURES SHOWN ON PAGES 35, 38, AND 39.
3. THE PROCEDURES SHOWN ABOVE ARE FOR FAST UNLOADING OF THE COMPLETE ROUNDS FROM THE PALLETTIZED CONTAINERS WITHOUT LOOSENING OR REMOVING ANY OF THE WEB STRAP TIEDOWN ASSEMBLIES. POSITION EACH TWO LATERALLY ADJACENT PALLETTIZED UNITS TIGHT AGAINST EACH OTHER WITH THE OPENING ENDS OF THE CONTAINERS POINTING TOWARD THE SIDES OF THE VEHICLE. CENTER THE PALLETTIZED UNITS ACROSS THE WIDTH OF THE VEHICLE AND ALSO CENTER EACH PALLETTIZED UNIT BETWEEN TWO TIEDOWN ANCHORS ALONG THE SIDE OF THE VEHICLE TO WHICH THE WEB STRAPS MARKED ① AND ② CAN BE ATTACHED.
4. TWO WEB STRAP TIEDOWN ASSEMBLIES HOOKED TOGETHER ARE REQUIRED FOR STRAPS MARKED ①. THIS IS NECESSARY BECAUSE THERE ARE FOUR STRAPS HOOKED INTO EACH TIEDOWN ANCHOR BETWEEN THE PALLETTIZED UNITS, AND THE STRAP RATCHETS WILL BE DAMAGED FROM BEARING AGAINST EACH OTHER AND/OR STRAP HOOKS IF POSITIONED AT THIS LOCATION. WHEN THE RATCHET ENDS OF TWO STRAPS ARE HOOKED TOGETHER THE RATCHETS WILL LAY AT AN ANGLE IN LIEU OF FLAT, ON TOP OF THE PALLETTIZED UNIT. IF THE WEB STRAP TIEDOWN ASSEMBLIES BEING USED TO SECURE THE LOAD ARE OF THE TYPE THAT HAS A SHORT LENGTH OF STRAP BETWEEN THE RATCHET AND THE HOOK, ONLY ONE STRAP IS REQUIRED IN LIEU OF TWO STRAPS HOOKED TOGETHER, SHOWN AS KEY NUMBER ①. THE SHORT LENGTH OF STRAP POSITIONS THE RATCHET OFF OF THE FLOOR AND AVOIDS CONTACT WITH OTHER RATCHETS AND/OR HOOKS.
5. DUE TO LACK OF RESTRAINT AT THE BASE OF THE PALLETTIZED UNITS, THE PALLETTIZED UNITS MAY MOVE (SLIDE) SLIGHTLY LATERALLY AND LONGITUDINALLY DURING OFF HIGHWAY TRANSPORT AND/OR PANIC STOPS. THIS IS ACCEPTABLE AS LONG AS THE MOVEMENT IS NOT EXCESSIVE AND THE STRAP HOOKS AND THE VEHICLE TIEDOWN ANCHORS ARE NOT DAMAGED BEYOND USE.
6. THE WEB STRAP RATCHETS MUST BE POSITIONED AS SHOWN IN THE ISOMETRIC VIEW AND/OR INSTRUCTED IN THE KEY NUMBERS FOR THIS LOAD.
7. THIS IS A SPECIAL REQUIREMENT LOAD AND NECESSITATES ATTACHING FOUR WEB STRAP TIEDOWN ASSEMBLIES TO THE SAME TIEDOWN ANCHOR IN LIEU OF TWO, AS STATED IN GENERAL NOTE "M" ON PAGE 2.
8. A TOTAL OF THIRTY-TWO WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

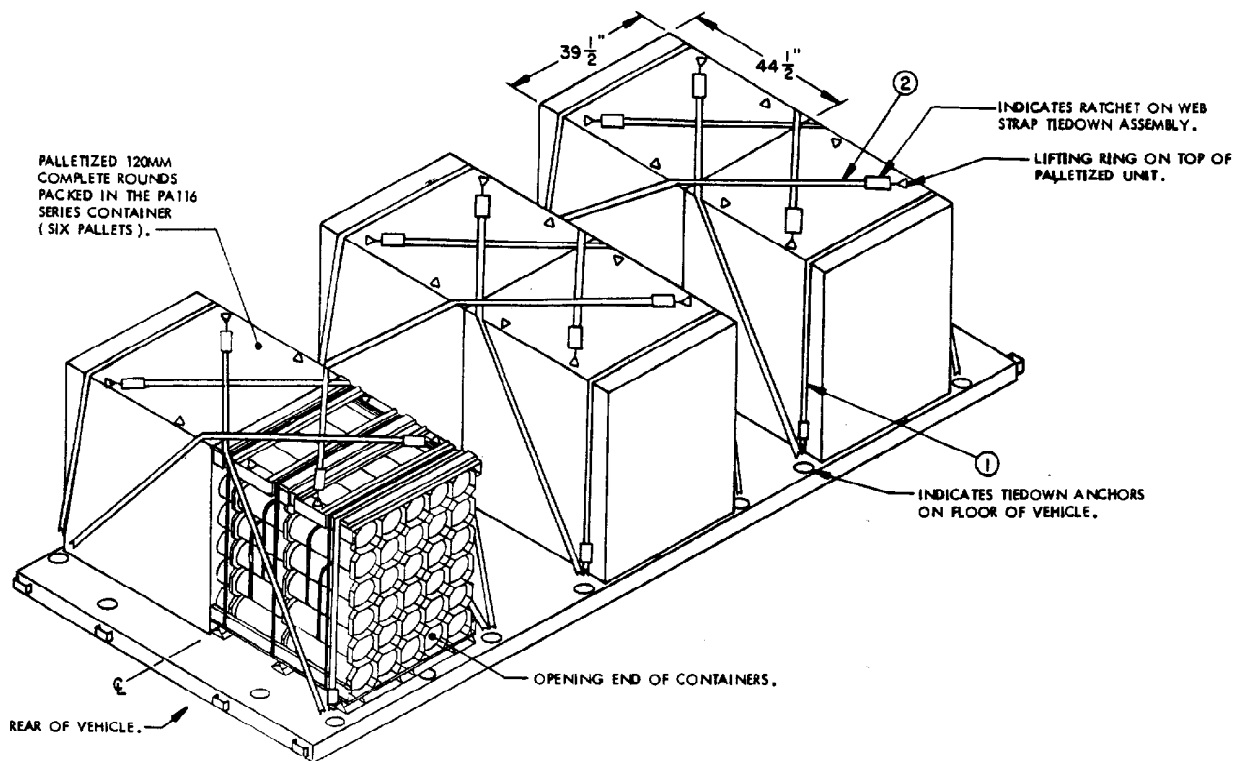
- ① WEB STRAP TIEDOWN ASSEMBLY (16 REQD, 4 REQD FOR EACH TWO LATERALLY ADJACENT PALLETTIZED UNITS). HOOK TWO WEB STRAP TIEDOWN ASSEMBLIES TOGETHER AND POSITION BOTH RATCHETS ON TOP OF THE PALLETTIZED UNIT AT THE LOCATION SHOWN IN THE ISOMETRIC VIEW ABOVE. ATTACH THE NON-RATCHET HOOK ENDS OF STRAPS TO THE VEHICLE TIEDOWN ANCHORS ON EACH SIDE OF THE PALLETTIZED UNIT. TAKE UP EXCESS SLACK IN ONE STRAP AND THEN RATCHET TIGHT. THERE IS A MINIMUM OF ONE AND ONE-HALF WRAPS OF STRAP ON THE TAKE-UP SPOOL. TAKE UP EXCESS SLACK IN THE REMAINING STRAP AND THEN RATCHET TIGHT. NOTE: ATTACH HOOK ENDS OF ALL STRAPS WHICH GO TO THE SAME TIEDOWN ANCHOR, PRIOR TO RATCHETING ANY STRAP ATTACHED TO THAT TIEDOWN ANCHOR TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (16 REQD, 4 REQD FOR EACH TWO LATERALLY ADJACENT PALLETTIZED UNITS). ATTACH EACH RATCHET/HOOK END OF A STRAP TO A LIFTING RING ON TOP OF THE PALLETTIZED UNIT AT THE LOCATIONS SHOWN. POSITION EACH STRAP DIAGONALLY ACROSS TOP OF PALLETTIZED UNIT AND OVER THE OPPOSITE EDGE OF THE ADJACENT PALLETTIZED UNIT AT THE LOCATION SHOWN IN THE ISOMETRIC VIEW. ATTACH THE NON-RATCHET HOOK ENDS OF STRAPS TO THE SAME VEHICLE TIEDOWN ANCHORS THAT WEB STRAP TIEDOWN ASSEMBLIES MARKED ① ARE ATTACHED TO. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

LOAD .S SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETTIZED UNITS	8	15,064 LBS

SPECIAL PROCEDURES

PALLETTIZED COMPLETE ROUND CONTAINERS LOADED ON A TRUCK (HEMTT), 10-TON, M977 AND/OR M985



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A LOAD OF SIX PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. SIX PALLETTIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING OTHER SIMILAR TYPE PALLETTIZED UNITS, FOLLOW THESE SAME PROCEDURES. IF LOADING LESS THAN SIX PALLETTIZED UNITS, SEE THE PROCEDURES SHOWN ON PAGES 35 AND 39.
3. THE PROCEDURES SHOWN ABOVE ARE FOR FAST UNLOADING OF THE COMPLETE ROUNDS FROM THE PALLETTIZED CONTAINERS WITHOUT LOOSENING OR REMOVING ANY OF THE WEB STRAP TIEDOWN ASSEMBLIES. POSITION EACH TWO LATERALLY ADJACENT PALLETTIZED UNITS TIGHT AGAINST EACH OTHER WITH THE OPENING ENDS OF THE CONTAINERS POINTING TOWARD THE SIDES OF THE VEHICLE. CENTER THE PALLETTIZED UNITS ACROSS THE WIDTH OF THE VEHICLE AND ALSO CENTER EACH PALLETTIZED UNIT BETWEEN TWO TIEDOWN ANCHORS ALONG THE SIDE OF THE VEHICLE TO WHICH THE WEB STRAPS MARKED ① AND ② CAN BE ATTACHED.
4. DUE TO LACK OF RESTRAINT AT THE BASE OF THE PALLETTIZED UNITS, THE PALLETTIZED UNITS MAY MOVE (SLIDE) SLIGHTLY LATERALLY AND LONGITUDINALLY DURING OFF HIGHWAY TRANSPORT AND/OR PANIC STOPS. THIS IS ACCEPTABLE AS LONG AS THE MOVEMENT IS NOT EXCESSIVE AND THE STRAP HOOKS AND THE VEHICLE TIEDOWN ANCHORS ARE NOT DAMAGED BEYOND USE.
5. A TOTAL OF EIGHTEEN WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (6 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON VEHICLE, OVER TOP OF PALLETTIZED UNIT AT THE LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE PALLETTIZED UNIT. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (12 REQD, 4 REQD FOR EACH TWO LATERALLY ADJACENT PALLETTIZED UNITS). ATTACH EACH RATCHET/HOOK END OF A STRAP TO A LIFTING RING ON TOP OF THE PALLETTIZED UNIT AT THE LOCATIONS SHOWN. POSITION EACH STRAP DIAGONALLY ACROSS THE TOP OF PALLETTIZED UNIT AND OVER THE OPPOSITE EDGE OF THE ADJACENT PALLETTIZED UNIT AT THE LOCATION SHOWN IN THE ISOMETRIC VIEW. ATTACH THE NON-RATCHET HOOK ENDS OF STRAPS TO THE SAME VEHICLE TIEDOWN ANCHORS THAT WEB STRAP TIEDOWN ASSEMBLIES MARKED ① ARE ATTACHED TO. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

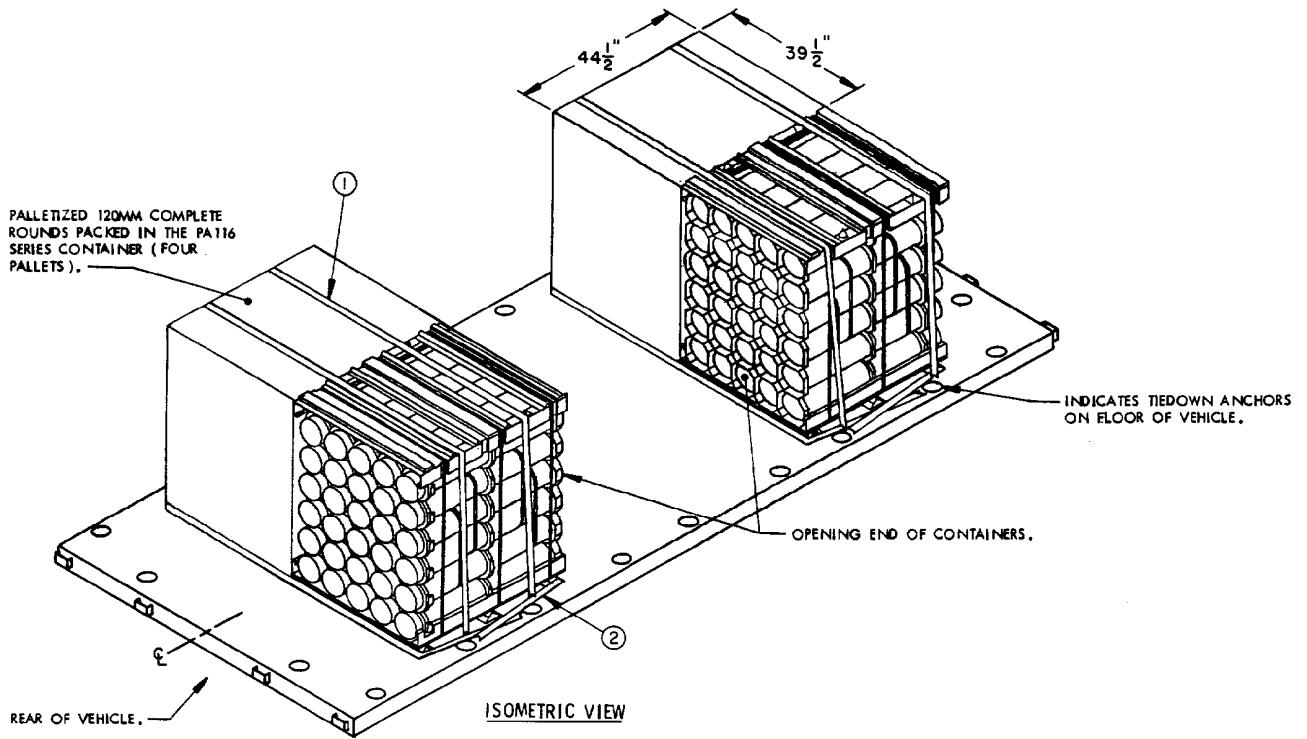
LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETTIZED UNITS	6	14,346 LBS

SPECIAL PROCEDURES

PALLETTIZED COMPLETE ROUND CONTAINERS LOADED ON A TRUCK (HEMTT), 10-TON, M977 AND/OR M985

PALLETIZED 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER (FOUR PALLETS).



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. A LOAD OF FOUR PALLETS OF COMPLETE ROUND CONTAINERS IS SHOWN ON A TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985 HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. FOUR PALLETIZED UNITS OF 120MM COMPLETE ROUNDS PACKED IN THE PA116 SERIES CONTAINER, HAVING DIMENSIONS OF 44-1/2" WIDE BY 39-1/2" LONG BY 51-1/2" HIGH AND WEIGHING 2,391 POUNDS ARE SHOWN AS A TYPICAL LOAD. IF LOADING OTHER SIMILAR TYPE PALLETIZED UNITS, FOLLOW THESE SAME PROCEDURES.
3. THE PROCEDURES SHOWN ABOVE ARE FOR FAST UNLOADING OF THE COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS WITHOUT LOOSENING OR REMOVING ANY OF THE WEB STRAP TIEDOWN ASSEMBLIES. POSITION EACH TWO LATERALLY ADJACENT PALLETIZED UNITS TIGHT AGAINST EACH OTHER WITH THE OPENING ENDS OF THE CONTAINERS POINTING TOWARD THE CENTER OF THE VEHICLE. ALLOW SUFFICIENT SPACE IN CENTER OF VEHICLE FOR LOADING AND UNLOADING COMPLETE ROUNDS FROM THE PALLETIZED CONTAINERS.
4. THESE PROCEDURES MAY BE USED AS AN ALTERNATIVE METHOD WHEN LOADING A LESS-THAN-FULL LOAD.
5. A TOTAL OF EIGHT WEB STRAP TIEDOWN ASSEMBLIES ARE REQUIRED FOR THE LOAD SHOWN.

KEY NUMBERS

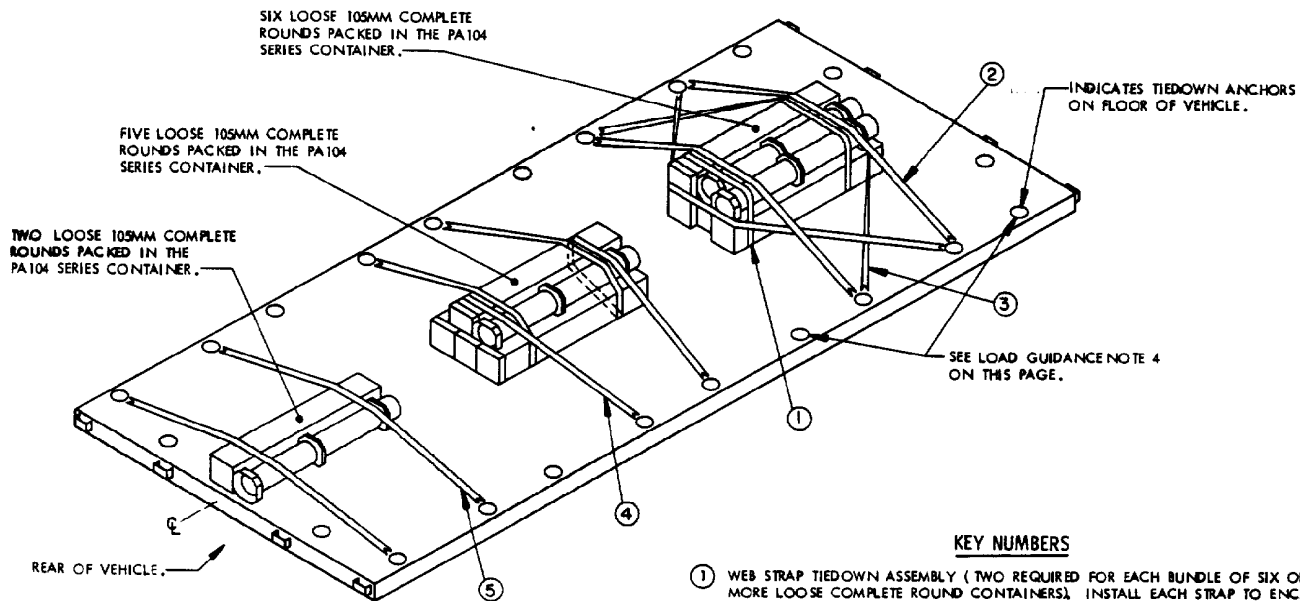
- ① WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT(S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.
- ② WEB STRAP TIEDOWN ASSEMBLY (4 REQD). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, AROUND END OF PALLET(S) AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 28.

LOAD AS SHOWN

ITEM	QUANTITY	WEIGHT (APPROX)
PALLETIZED UNITS	4	9,564 LBS

SPECIAL PROCEDURES

PALLETIZED COMPLETE ROUND CONTAINERS LOADED ON A TRUCK (HEMTT), 10-TON, M977 AND/OR M985



ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING ONE OR MORE LOOSE COMPLETE ROUND CONTAINERS ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMTT) 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING ONE THROUGH SIX LOOSE COMPLETE ROUND CONTAINERS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER AND HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH IS SHOWN AS TYPICAL. IF LOADING CONTAINERS OF OTHER DIMENSIONS AND SERIES, FOLLOW THESE SAME PROCEDURES. ONE OR TWO CONTAINERS MAY BE SECURED WITH TWO STRAPS OVER TOP AS INSTRUCTED IN KEY NUMBER ⑤ OR TWO STRAPS THAT ENIRCLE THE CONTAINER (S) AS INSTRUCTED IN KEY NUMBER ④. THREE THROUGH FIVE CONTAINERS MAY BE SECURED WITH TWO STRAPS THAT ENIRCLE THE CONTAINERS AS INSTRUCTED IN KEY NUMBER ④. SIX OR MORE CONTAINERS MUST BE SECURED WITH SIX STRAPS AS INSTRUCTED IN KEY NUMBERS ①, ②, AND ③ ON THIS PAGE AND PAGE 41. PRIOR TO LOADING CONTAINERS SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS USE THE PROCEDURES SHOWN ON PAGES 42 THROUGH 45.
3. THE QUANTITY OF CONTAINERS WITHIN A BUNDLE IS LIMITED TO THE QUANTITY THAT CAN BE ENCIRCLED WITH ONE WEB STRAP TIEDOWN ASSEMBLY, SHOWN AS KEY NUMBER ① ABOVE.
4. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ③ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②.

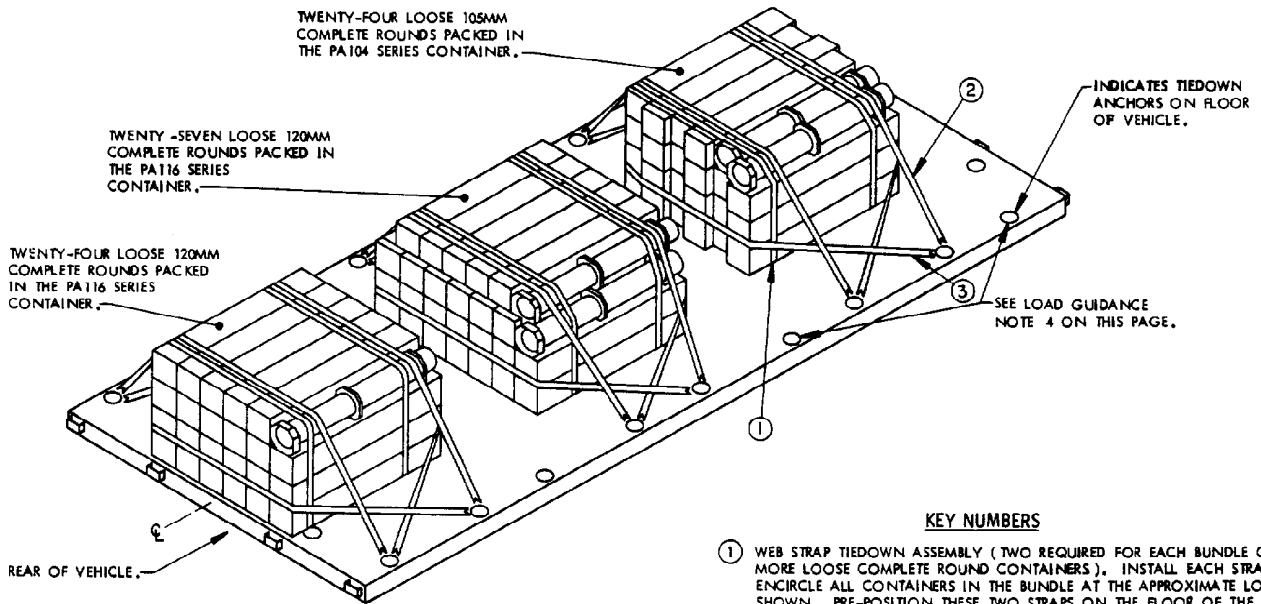
(KEY NUMBERS CONTINUED)

- ⑤ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR ONE OR TWO LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF CONTAINER (S), TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. NOTE: THE CONTAINER (S) SHOULD BE POSITIONED SO STRAPS MARKED ⑤ WILL GO STRAIGHT OVER THE TOP OF THE CONTAINER (S) AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER (S). TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ⑤ AT THE SAME TIME. NOTE: IF DESIRED, THE STRAPS MAY ENIRCLE ONE OR TWO CONTAINERS AS INSTRUCTED FOR KEY NUMBER ④. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT ACROSS THE FLOOR AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION THE FIRST LAYER OF CONTAINERS ON THE FLOOR AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS IN LAYERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ① TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES MARKED ③ TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED ② TIGHT. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ② AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED ② WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM TIEDOWN ANCHORS ON THE SIDE OF THE VEHICLE, AROUND END OF BUNDLED CONTAINERS AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS MARKED ② ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF THREE TO FIVE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENIRCLE ALL CONTAINERS IN THE BUNDLE. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE, IN LINE WITH THE TIEDOWN ANCHORS TO BE USED, PRIOR TO LOADING THE CONTAINERS. MAKE SURE THE STRAPS LAY FLAT ACROSS THE FLOOR, WITH THE RATCHET HANDLE FACING DOWN, AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION TWO THROUGH FIVE LOOSE CONTAINERS ON THE FLOOR AND CENTERED OVER TOP OF BOTH STRAPS. WHILE HOLDING CONTAINERS IN POSITION, BRING EACH END OF A STRAP UP, CROSS ENDS OVER TOP OF BUNDLE, AND ATTACH ENDS OF STRAP TO TIEDOWN ANCHORS ON OPPOSITE SIDES OF THE VEHICLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

(CONTINUED AT LEFT)



ISOMETRIC VIEW

1. TYPICAL METHODS FOR SECURING ONE OR MORE LOOSE COMPLETE ROUND CONTAINERS ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER AND HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH, AND THE 120MM COMPLETE ROUND PACKED IN THE PA116 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH, ARE SHOWN AS TYPICAL. IF LOADING CONTAINERS OF OTHER DIMENSIONS AND SERIES, FOLLOW THESE SAME PROCEDURES. SIX OR MORE CONTAINERS MUST BE SECURED WITH SIX STRAPS AS INSTRUCTED IN KEY NUMBERS ①, ②, AND ③ ON THIS PAGE. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 42 THROUGH 45.
3. THE QUANTITY OF CONTAINERS WITHIN A BUNDLE IS LIMITED TO THE QUANTITY THAT CAN BE ENCIRCLED WITH ONE WEB STRAP TIEDOWN ASSEMBLY, SHOWN AS KEY NUMBER ① ABOVE.
4. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ③ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②.

KEY NUMBERS

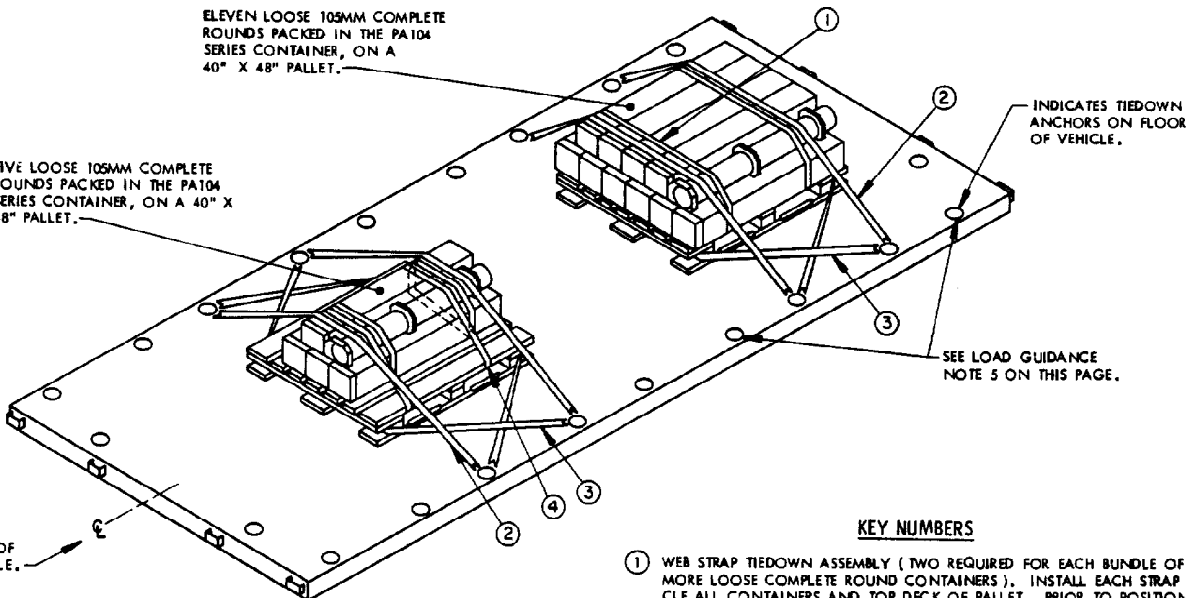
- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON THE FLOOR OF THE VEHICLE PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT ACROSS THE FLOOR AND DRAPE THE ENDS OVER THE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. POSITION THE FIRST LAYER OF CONTAINERS ON THE FLOOR AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS IN LAYERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ① TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES, MARKED ③ TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED ② TIGHT. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS MARKED ② AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED ② WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP FROM TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF BUNDLED CONTAINERS AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS MARKED ② ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.

ELEVEN LOOSE 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, ON A 40" X 48" PALLET.

FIVE LOOSE 105MM COMPLETE ROUNDS PACKED IN THE PA104 SERIES CONTAINER, ON A 40" X 48" PALLET.

REAR OF VEHICLE.

ISOMETRIC VIEW

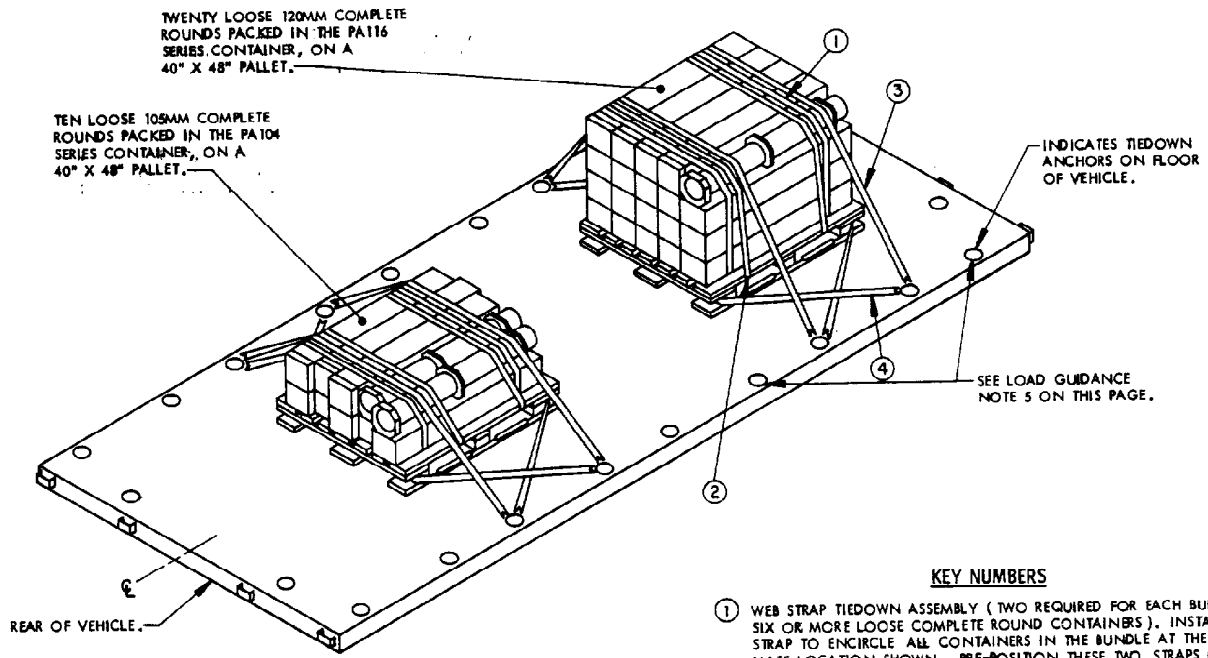


KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIrcLE ALL CONTAINERS AND TOP DECK OF PALLET. PRIOR TO POSITIONING CONTAINERS ON PALLET, THREAD STRAPS MARKED ① UNDER THE TOP DECK OF PALLET WITH BOTH RATCHET ENDS ON SAME SIDE OF PALLET. MAKE SURE THE STRAPS LAY FLAT WITH NO TWISTS IN THEM. AFTER THE CONTAINERS ARE POSITIONED ON THE PALLET, BRING ENDS OF STRAPS UP OVER TOP OF CONTAINERS AND HOOK ENDS OF STRAP TOGETHER. ADJUST STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF CONTAINERS. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND LOAD GUIDANCE NOTE 3 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF CONTAINERS SECURED ON A PALLET). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES MARKED ③ TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED ② TIGHT. TAKE UP SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS MARKED ② AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED ① WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH PALLET). INSTALL EACH STRAP FROM TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②, ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS, MARKED ② ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 5 ON THIS PAGE.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF TWO THROUGH FIVE CONTAINERS POSITIONED ON A PALLET). INSTALL EACH STRAP TO ENCIrcLE ALL CONTAINERS IN THE BUNDLE AND THE TOP DECK OF THE PALLET. PRE-POSITION THESE TWO STRAPS ON THE PALLET AT THE APPROXIMATE LOCATION SHOWN. MAKE SURE THE STRAPS LAY FLAT ACROSS THE PALLET WITH THE RATCHET HANDLE FACING DOWN AND DRAPE THE ENDS OVER THE SIDE OF THE PALLET. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLET. POSITION THE CONTAINERS ON THE PALLET AND OVER TOP OF STRAPS. WHILE HOLDING CONTAINERS IN POSITION BRING EACH END OF STRAP UP, CROSS ENDS OVER TOP OF CONTAINER, THREAD NON-RATCHET END OF STRAP DOWN AND UNDER TOP DECK OF PALLET. THEN HOOK ENDS OF STRAP TOGETHER. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON PALLETS ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON PALLETS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH IS SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 40, 41, 44, AND 45.
3. IF THE BUNDLE OF CONTAINERS BEING LOADED ON A PALLET DOES NOT OVERHANG THE PALLET ON EACH SIDE, TWO ADDITIONAL STRAPS MARKED ①, AS SHOWN IN THE LOAD ON PAGE 43, ARE REQUIRED.
4. WOOD PALLETS HAVING DIMENSIONS OF 40" X 48" ARE SHOWN IN THE LOAD ABOVE. HOWEVER, THE METHODS SHOWN MAY BE USED FOR WOOD PALLETS OF OTHER DIMENSIONS AND/OR METAL PALLETS.
5. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ③ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ②.



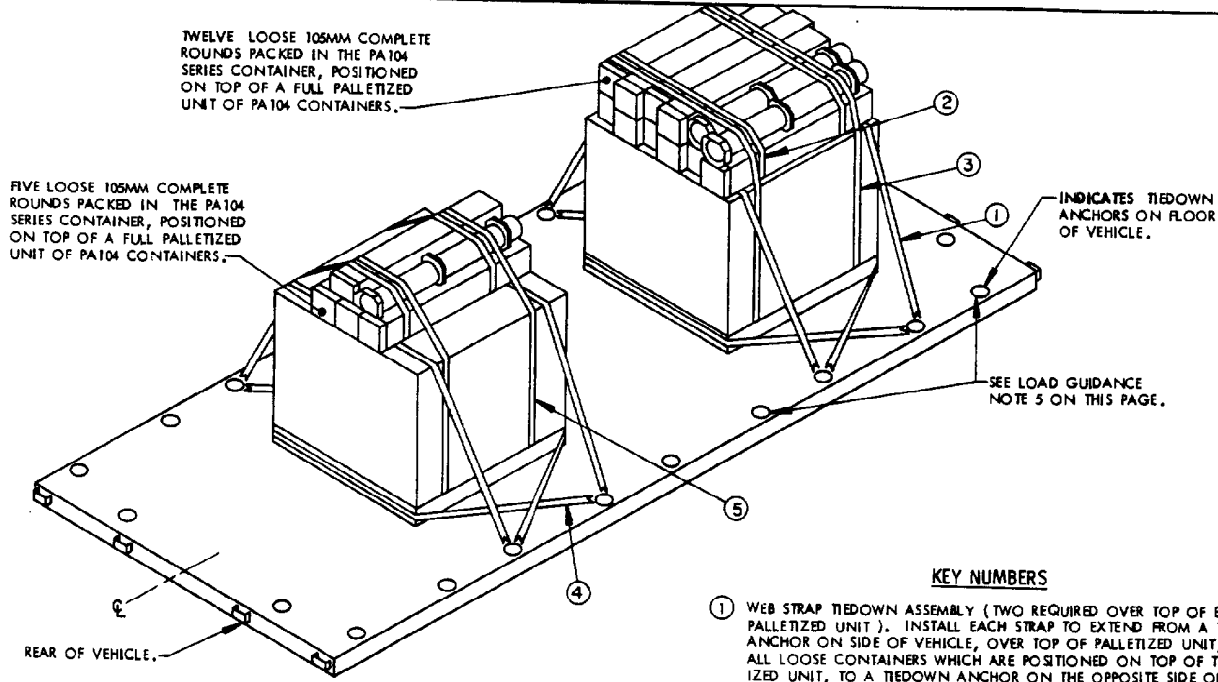
ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON PALLETS ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON PALLETS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER, HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH AND THE 120MM COMPLETE ROUND PACKED IN THE PA116 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH, ARE SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 40, 41, 44, AND 45.
3. WOOD PALLETS HAVING DIMENSIONS OF 40" X 48" ARE SHOWN IN THE LOAD ABOVE. HOWEVER, THE METHODS SHOWN MAY BE USED FOR WOOD PALLETS OF OTHER DIMENSIONS AND/OR METAL PALLETS.
4. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED (4) MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED (3).

KEY NUMBERS

- (1) WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON THE PALLET PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT ACROSS THE PALLET AND DRAPE THE ENDS OVER THE SIDE OF THE PALLET. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLET. POSITION THE FIRST LAYER OF CONTAINERS ON THE PALLET AND ADJUST THE TWO STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS IN LAYERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED (1) TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP EXCESS SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- (2) WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS AND TOP DECK OF PALLET. PRIOR TO POSITIONING CONTAINERS ON PALLET, THREAD STRAPS MARKED (1) UNDER THE TOP DECK OF PALLET WITH BOTH RATCHET ENDS ON SAME SIDE OF PALLET. MAKE SURE THE STRAPS LAY FLAT WITH NO TWISTS IN THEM. AFTER THE CONTAINERS ARE POSITIONED ON THE PALLET, BRING ENDS OF STRAPS UP OVER TOP OF CONTAINERS AND HOOK ENDS OF STRAP TOGETHER. ADJUST STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF CONTAINERS. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- (3) WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF CONTAINERS SECURED ON A PALLET), INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, OVER TOP OF CONTAINERS, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE VEHICLE. ATTACH WEB STRAP TIEDOWN ASSEMBLIES MARKED (4) TO THE SAME TIEDOWN ANCHORS PRIOR TO RATCHETING STRAPS MARKED (3) TIGHT. TAKE UP SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS MARKED (3) AT THE SAME TIME. NOTE: THE CONTAINERS SHOULD BE POSITIONED SO STRAPS MARKED (2) WILL GO STRAIGHT OVER THE TOP OF THE BUNDLE AND BE BETWEEN THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. IN SOME VEHICLES, DUE TO LOCATION AND QUANTITY OF TIEDOWN ANCHORS, IT MAY BE NECESSARY TO ANGLE THESE STRAPS SLIGHTLY TO MEET THIS REQUIREMENT. SEE GENERAL NOTES "F", "G" AND "M" ON PAGE 2.
- (4) WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH PALLET). INSTALL EACH STRAP FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AT LOCATION SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. IF THESE STRAPS ARE BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED (3), ATTACH RATCHET ENDS TO THE SAME TIEDOWN ANCHORS THAT THE NON-RATCHET ENDS OF STRAPS, MARKED (3) ARE ATTACHED TO. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G" AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 4 ON THIS PAGE.



ISOMETRIC VIEW

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED OVER TOP OF EACH PALLETIZED UNIT). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, UNDER ALL LOOSE CONTAINERS WHICH ARE POSITIONED ON TOP OF THE PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. NOTE: STRAPS MARKED ① MUST BE INSTALLED OVER TOP OF THE PALLETIZED UNIT PRIOR TO POSITIONING THE LOOSE CONTAINERS ON TOP OF THE PALLETIZED UNIT. TAKE UP EXCESS SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND LOAD GUIDANCE NOTE 2 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON TOP OF THE PALLETIZED UNIT PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT AND DRAPE THE ENDS OVER THE SIDE OF THE PALLETIZED UNIT. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLETIZED UNIT. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT AND ADJUST THE STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ② TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT). INSTALL EACH STRAP TO ENCIRCLE PALLETIZED UNIT AND ALL LOOSE CONTAINERS POSITIONED ON TOP OF THE PALLETIZED UNIT. PRIOR TO POSITIONING LOOSE CONTAINERS ON THE PALLETIZED UNIT, THREAD STRAPS MARKED ③ UNDER THE TOP DECK OF THE PALLET WITH BOTH RATCHET ENDS ON THE SAME SIDE OF THE PALLET. MAKE SURE STRAPS LAY FLAT WITH NO TWISTS IN THEM. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT. ADJUST THE TWO STRAPS MARKED ③ SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINERS. KEEP THE BOTTOM LAYER CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, BRING ENDS OF STRAPS UP OVER TOP OF LOOSE CONTAINERS AND HOOK ENDS OF STRAP TOGETHER. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. NOTE: AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS SO THEY FORM A TIGHT BUNDLE ON TOP OF THE PALLETIZED UNIT. THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT. IF SO, CHECK STRAPS FOR TIGHTNESS AND RE-TIGHTEN IF NECESSARY. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH PALLETIZED UNIT). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G", AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 5 ON THIS PAGE.

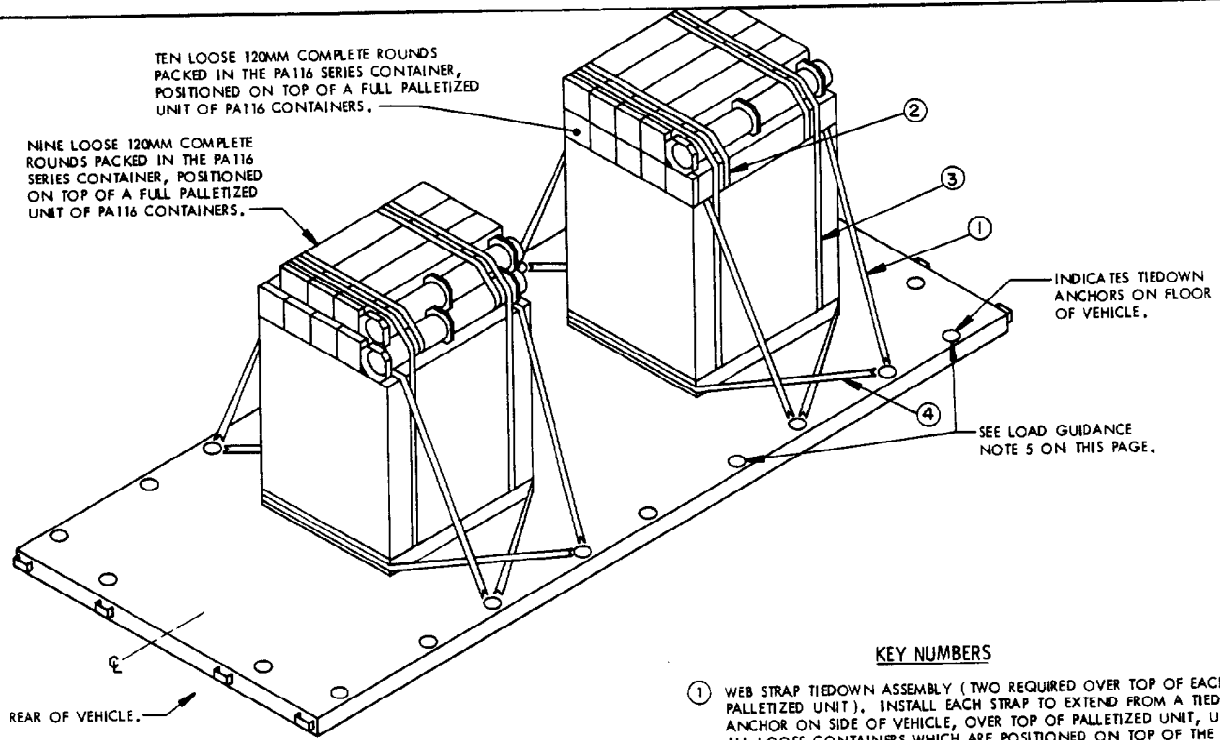
LOAD GUIDANCE NOTES:

- 1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON TOP OF PALLETIZED UNITS, ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMMT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
- 2. HOLD-DOWN STRAPS MARKED ① ARE POSITIONED OVER TOP OF THE PALLETIZED UNIT AND MUST NOT BE POSITIONED OVER TOP OF THE LOOSE CONTAINERS ON TOP OF A PALLETIZED UNIT. SEE KEY NUMBERS ① AND ② ON THIS PAGE FOR GUIDANCE WHEN LOADING LOOSE CONTAINERS ON TOP OF PALLETIZED UNITS.
- 3. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON TOP OF PALLETIZED UNITS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH IS SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 40, 41, 42, AND 43.
- 4. THE QUANTITY OF LOOSE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT IS ONE CONTAINER UP TO A MAXIMUM OF TWO FULL LAYERS OF CONTAINERS. NOTE: THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT. IF SO, CHECK STRAPS MARKED ②, ③, AND ④ FOR TIGHTNESS AND RE-TIGHTEN IF NECESSARY.
- 5. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ④ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ①.

(KEY NUMBERS CONTINUED)

- ⑤ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF TWO THROUGH FIVE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT). INSTALL EACH STRAP TO ENCIRCLE ALL CONTAINERS IN THE BUNDLE AND THE PALLETIZED UNIT. PRE-POSITION THESE TWO STRAPS ON TOP OF THE PALLETIZED UNIT AT THE APPROXIMATE LOCATION SHOWN. MAKE SURE THE STRAPS LAY FLAT WITH THE RATCHET HANDLE FACING DOWN AND DRAPE THE ENDS OVER THE SIDE OF THE PALLETIZED UNIT. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLETIZED UNIT. POSITION THE CONTAINERS ON TOP OF THE PALLETIZED UNIT AND OVER THE TOP OF STRAPS. WHILE HOLDING CONTAINERS IN POSITION, BRING EACH END OF STRAP UP, CROSS ENDS OVER TOP OF CONTAINERS, THREAD NON-RATCHET END OF STRAP DOWN AND UNDER PALLETIZED UNIT. THEN HOOK ENDS OF STRAP TOGETHER. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.

(CONTINUED AT LEFT)



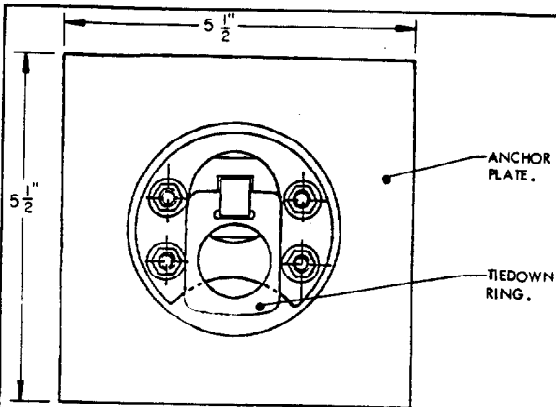
ISOMETRIC VIEW

LOAD GUIDANCE NOTES:

1. TYPICAL METHODS FOR SECURING LOOSE COMPLETE ROUND CONTAINERS ON TOP OF PALLETIZED UNITS, ARE SHOWN ON THE TRUCK, HEAVY EXPANDED MOBILITY (HEMTT), 10-TON, M977 AND/OR M985, HAVING INSIDE DIMENSIONS OF 216-3/8" LONG BY 90-3/4" WIDE.
2. HOLD-DOWN STRAPS MARKED ① ARE POSITIONED OVER TOP OF THE PALLETIZED UNIT AND MUST NOT BE POSITIONED OVER TOP OF THE LOOSE CONTAINERS ON TOP OF A PALLETIZED UNIT. SEE KEY NUMBERS ① AND ② ON THIS PAGE FOR GUIDANCE WHEN LOADING LOOSE CONTAINERS ON TOP OF PALLETIZED UNITS.
3. THE PROCEDURES SHOWN ABOVE DEPICT METHODS OF SECURING LOOSE COMPLETE ROUND CONTAINERS POSITIONED ON TOP OF PALLETIZED UNITS. THE 105MM COMPLETE ROUND PACKED IN THE PA104 SERIES CONTAINER HAVING DIMENSIONS OF 45-5/8" LONG BY 7-1/8" WIDE BY 7-1/8" HIGH, AND THE 120MM COMPLETE ROUND PACKED IN THE PA116 SERIES CONTAINER HAVING DIMENSIONS OF 44-1/2" LONG BY 7-3/4" WIDE BY 7-3/4" HIGH ARE SHOWN AS TYPICAL. PRIOR TO LOADING CONTAINERS, SEE SPECIAL NOTES 9 AND 10 ON PAGE 28. FOR ALTERNATIVE METHODS OF SECURING LOOSE CONTAINERS, USE THE PROCEDURES SHOWN ON PAGES 40, 41, 42, AND 43.
4. THE QUANTITY OF LOOSE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT IS ONE CONTAINER UP TO A MAXIMUM OF TWO FULL LAYERS OF CONTAINERS. NOTE: THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT. IF SO, CHECK STRAPS MARKED ② AND ③ FOR TIGHTNESS AND RE-TIGHTEN IS NECESSARY.
5. IF DESIRED, AND IF THE LOCATION AND QUANTITY OF TIEDOWN ANCHORS PERMITS, THE STRAPS MARKED ④ MAY BE ATTACHED TO THE UNUSED TIEDOWN ANCHORS IDENTIFIED IN THE LOAD ABOVE, IN LIEU OF BEING ATTACHED TO THE SAME TIEDOWN ANCHORS AS STRAPS MARKED ①.

KEY NUMBERS

- ① WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED OVER TOP OF EACH PALLETIZED UNIT). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON SIDE OF VEHICLE, OVER TOP OF PALLETIZED UNIT, UNDER ALL LOOSE CONTAINERS WHICH ARE POSITIONED ON TOP OF THE PALLETIZED UNIT, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. NOTE: STRAPS MARKED ① MUST BE INSTALLED OVER TOP OF THE PALLETIZED UNIT. TAKE UP EXCESS SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. SEE GENERAL NOTES "F" AND "G" ON PAGE 2 AND LOAD GUIDANCE NOTE 2 ON THIS PAGE.
- ② WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE LOOSE COMPLETE ROUND CONTAINERS). INSTALL EACH STRAP TO ENIRCLE ALL CONTAINERS IN THE BUNDLE AT THE APPROXIMATE LOCATION SHOWN. PRE-POSITION THESE TWO STRAPS ON TOP OF THE PALLETIZED UNIT PRIOR TO LOADING CONTAINERS. MAKE SURE STRAPS LAY FLAT AND DRAPE THE ENDS OVER THE SIDE OF THE PALLETIZED UNIT. POSITION BOTH STRAP RATCHETS ON THE SAME SIDE OF THE PALLETIZED UNIT. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT AND ADJUST THE STRAPS SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINER. KEEP THE BOTTOM LAYER OF CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, HOOK ENDS OF EACH STRAP MARKED ② TOGETHER AND POSITION ON TOP OF BUNDLE. TAKE UP SLACK IN STRAPS AND THEN RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. AS THE STRAPS ARE BEING TIGHTENED MAKE POSITION ADJUSTMENTS TO THE CONTAINERS, IF NECESSARY, SO THEY FORM A COMPACT TIGHT BUNDLE. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ③ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH BUNDLE OF SIX OR MORE CONTAINERS POSITIONED ON TOP OF A PALLETIZED UNIT). INSTALL EACH STRAP TO ENIRCLE PALLETIZED UNIT AND ALL LOOSE CONTAINERS POSITIONED ON TOP OF THE PALLETIZED UNIT. PRIOR TO POSITIONING LOOSE CONTAINERS ON THE PALLETIZED UNIT, THREAD STRAPS MARKED ③ UNDER THE TOP DECK OF THE PALLET WITH BOTH RATCHET ENDS ON THE SAME SIDE OF THE PALLET. MAKE SURE THAT THE STRAPS LAY FLAT WITH NO TWISTS IN THEM. POSITION THE FIRST LAYER OF CONTAINERS ON TOP OF THE PALLETIZED UNIT. ADJUST THE TWO STRAPS MARKED ③ SO THEY WILL BE CLOSE TO THE BELL END AND THE COLLAR ON THE OPPOSITE END OF THE CONTAINERS. KEEP THE BOTTOM LAYER CONTAINERS TIGHT AGAINST EACH OTHER AND STACK THE REMAINING CONTAINERS ON TOP OF THE BOTTOM LAYER. AFTER ALL CONTAINERS ARE STACKED, BRING ENDS OF STRAPS UP OVER TOP OF LOOSE CONTAINERS AND HOOK ENDS OF STRAP TOGETHER. TAKE UP EXCESS SLACK IN STRAPS AND RATCHET TIGHT BOTH STRAPS AT THE SAME TIME. NOTE: AS THE STRAPS ARE BEING TIGHTENED, MAKE POSITION ADJUSTMENTS TO THE CONTAINERS SO THEY FORM A TIGHT BUNDLE ON TOP OF THE PALLETIZED UNIT. THE CONTAINERS MAY SEEK THEIR NATURAL POSITION DURING TRANSPORT. IF SO, CHECK STRAPS FOR TIGHTNESS AND RE-TIGHTEN IF NECESSARY. SEE GENERAL NOTES "F" AND "G" ON PAGE 2.
- ④ WEB STRAP TIEDOWN ASSEMBLY (TWO REQUIRED FOR EACH PALLETIZED UNIT). INSTALL EACH STRAP TO EXTEND FROM A TIEDOWN ANCHOR ON THE SIDE OF THE VEHICLE, AROUND END OF PALLET AS SHOWN, TO A TIEDOWN ANCHOR ON THE OPPOSITE SIDE OF THE VEHICLE. TAKE UP EXCESS SLACK IN STRAP AND THEN RATCHET TIGHT. SEE GENERAL NOTES "F", "G" AND "M" ON PAGE 2 AND LOAD GUIDANCE NOTE 5 ON THIS PAGE.

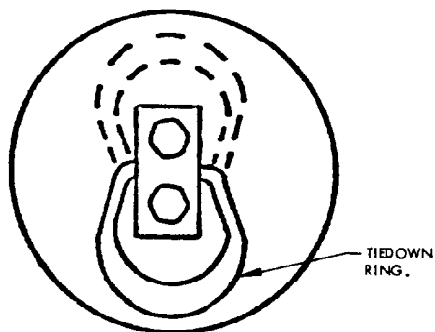


NOTE ● :

IF THE TACTICAL VEHICLES BEING USED ARE NOT EQUIPPED WITH THE 5,000 POUND, UNIVERSAL TIEDOWN ANCHOR SHOWN AT LEFT, SEE TB 9-2300-280-30 FOR VEHICLE MODIFICATION PROCEDURES AND INSTALLATION OF THE TIEDOWN ANCHOR; WITH THE EXCEPTION OF THE HEAVY EXPANDED MOBILITY TRUCK, (HEMTT) M977 AND/OR M985, WHICH HAS THE TIEDOWN ANCHORS INSTALLED IN THE FLOOR. THESE TIEDOWN ANCHORS ARE TO BE INSTALLED IN THE SIDE WALLS AND END WALLS OF CARGO TRUCKS AND CARGO TRAILERS. IF AN M127, 12-TON, SEMITRAILER IS BEING USED SEE INFORMATION IN TB 9-2300-280-30. THE SEMITRAILER REQUIRES A DIFFERENT TYPE OF TIEDOWN ANCHOR.

UNIVERSAL TIEDOWN ANCHOR (FRONT VIEW)

THIS TIEDOWN ANCHOR IS RATED AT 5,000 POUNDS AND IS FOR USE ON CARGO TRUCKS AND/OR CARGO TRAILERS. SEE GENERAL NOTE "C" ON PAGE 2 AND "NOTE ● " AT RIGHT.

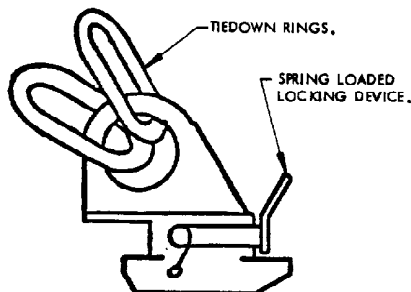


TYPE III, FIXED TIEDOWN ANCHOR (TOP VIEW)

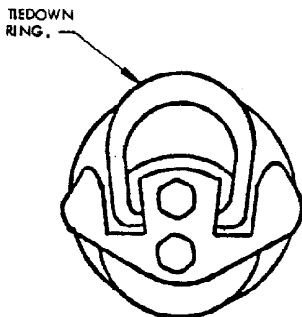
THIS TIEDOWN ANCHOR IS RATED AT 10,000 POUNDS AND IS ONLY INSTALLED ON THE M871 SEMITRAILER. THERE ARE FIVE ON EACH SIDE OF THE M871 SEMITRAILER AND THEY DO NOT SWIVEL. SEE GENERAL NOTE "C" ON PAGE 2 AND SPECIAL NOTE 7 ON PAGE 6.

NOTE ⊕ :

THIS TIEDOWN ANCHOR IS RATED AT 10,000 POUNDS AND IS ONLY FOR USE ON THE M871 SEMITRAILER. IT IS COMMONLY REFERRED TO AS "BIG FOOT". THERE ARE LOCATIONS FOR TEN TIEDOWN ANCHORS ON EACH SIDE OF THE M871 SEMITRAILER AND THEY SWIVEL. THIS TIEDOWN ANCHOR HAS A SPRING LOADED LOCKING DEVICE TO HOLD IT IN PLACE AND IT IS INSERTED, FROM THE TOP, INTO A 1-3/4" DIAMETER HOLE LOCATED ON THE SIDE OF THE SEMITRAILER FLOOR. SEE GENERAL NOTE "C" ON PAGE 2 AND SPECIAL NOTE 7 ON PAGE 6. THIS TIEDOWN ANCHOR IS FURTHER IDENTIFIED AS NSN 2540-01-117-3043.



TYPE II, REMOVABLE TIEDOWN ANCHOR (SIDE VIEW)
(SEE "NOTE ⊕ " ABOVE.)



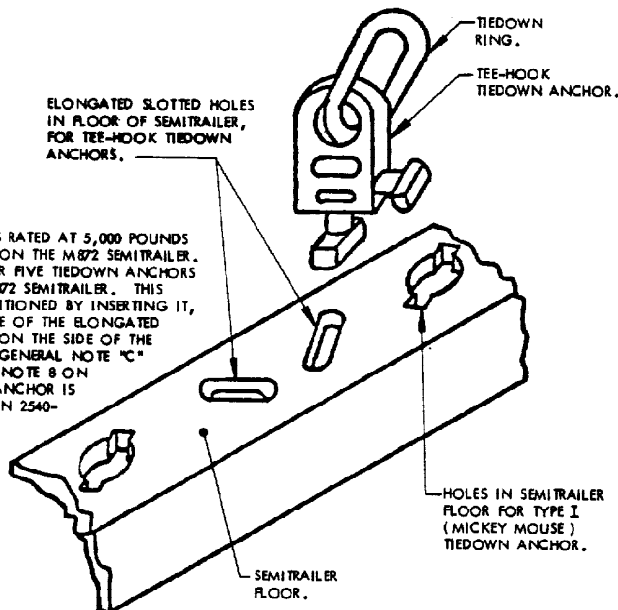
TYPE I, REMOVABLE TIEDOWN ANCHOR (TOP VIEW)

THIS TIEDOWN ANCHOR IS RATED AT 10,000 POUNDS AND IS INSTALLED ON THE M871 AND M872 SEMITRAILERS. IT IS COMMONLY REFERRED TO AS "MICKEY MOUSE". THERE ARE LOCATIONS FOR TEN TIEDOWN ANCHORS ON EACH SIDE OF THE M871 SEMITRAILER AND LOCATIONS FOR APPROXIMATELY TWENTY-EIGHT TIEDOWN ANCHORS ON EACH SIDE OF THE M872 SEMITRAILER. THIS TIEDOWN ANCHOR IS POSITIONED BY REACHING UNDER FLOOR OF SEMITRAILER AND INSERTING THE TIEDOWN ANCHOR UP THROUGH THE HOLE AND ROTATING IT INTO POSITION. SEE GENERAL NOTE "C" ON PAGE 2 AND SPECIAL NOTES 7 AND 8 ON PAGE 6. THIS TIEDOWN ANCHOR IS FURTHER IDENTIFIED AS NSN 2540-01-112-1732.

ELONGATED SLOTTED HOLES IN FLOOR OF SEMITRAILER, FOR TEE-HOOK TIEDOWN ANCHORS.

NOTE ▲ :

THIS TIEDOWN ANCHOR IS RATED AT 5,000 POUNDS AND IS ONLY INSTALLED ON THE M872 SEMITRAILER. THERE ARE LOCATIONS FOR FIVE TIEDOWN ANCHORS ON EACH SIDE OF THE M872 SEMITRAILER. THIS TIEDOWN ANCHOR IS POSITIONED BY INSERTING IT, FROM THE TOP, INTO ONE OF THE ELONGATED SLOTTED HOLES LOCATED ON THE SIDE OF THE SEMITRAILER FLOOR. SEE GENERAL NOTE "C" ON PAGE 2 AND SPECIAL NOTE 8 ON PAGE 6. THIS TIEDOWN ANCHOR IS FURTHER IDENTIFIED AS NSN 2540-01-113-9285.



REMOVABLE TEE-HOOK TIEDOWN ANCHOR (ISOMETRIC VIEW)
(SEE "NOTE ▲ " ABOVE.)