



VESSEL PREPERATION TIPS



➤ MILVAN / TRICON / QUADCON

- ✓ MARKING
- ✓ SEGREGATION
- ✓ LOAD DISTRIBUTION / BLOCKING & BRACING
- ✓ PLACARDING

➤ SECONDARY LOADS (VEHICLES / EQUIPMENT)

- ✓ PREPARATION

➤ DOCUMENTATION

- ✓ DD FORM 2871
- ✓ DD FORM 1750
- ✓ DD FORM 2890
- ✓ MSDS





MILVAN CHARACTERISTICS

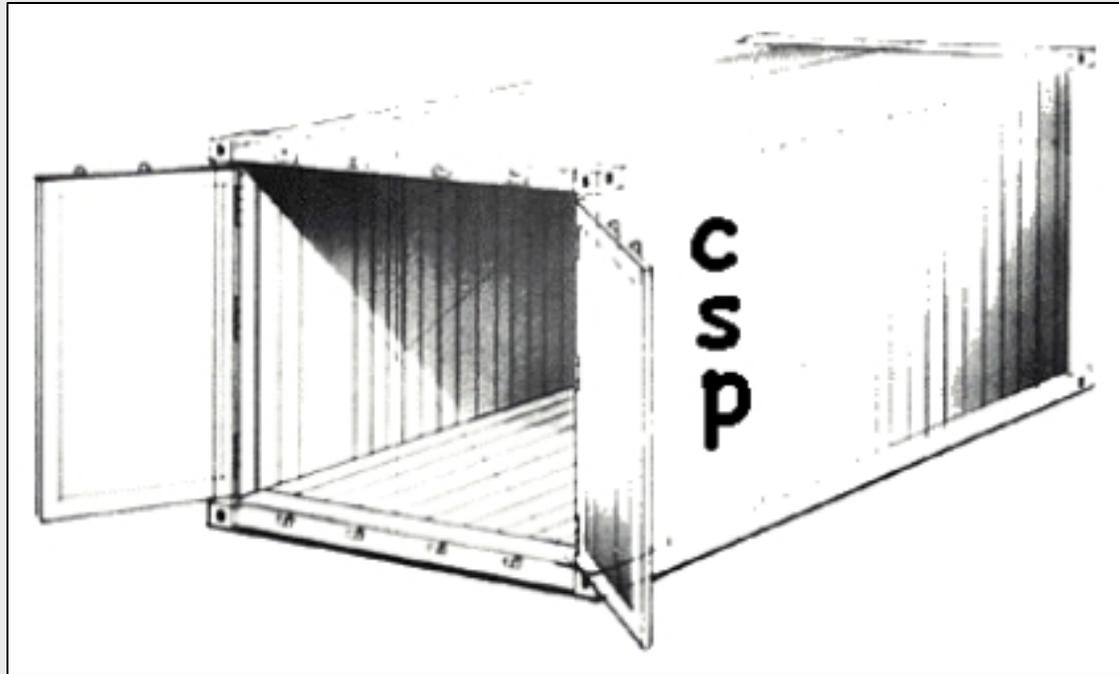


OUTSIDE

- LENGTH 20' 0"
- WIDTH 8' 0"
- HEIGHT 8' 8"

INSIDE

- LENGTH 19' 4"
- WIDTH 7' 6"
- HEIGHT 7' 1"



EMPTY (TARE) WEIGHT

3,500 lb

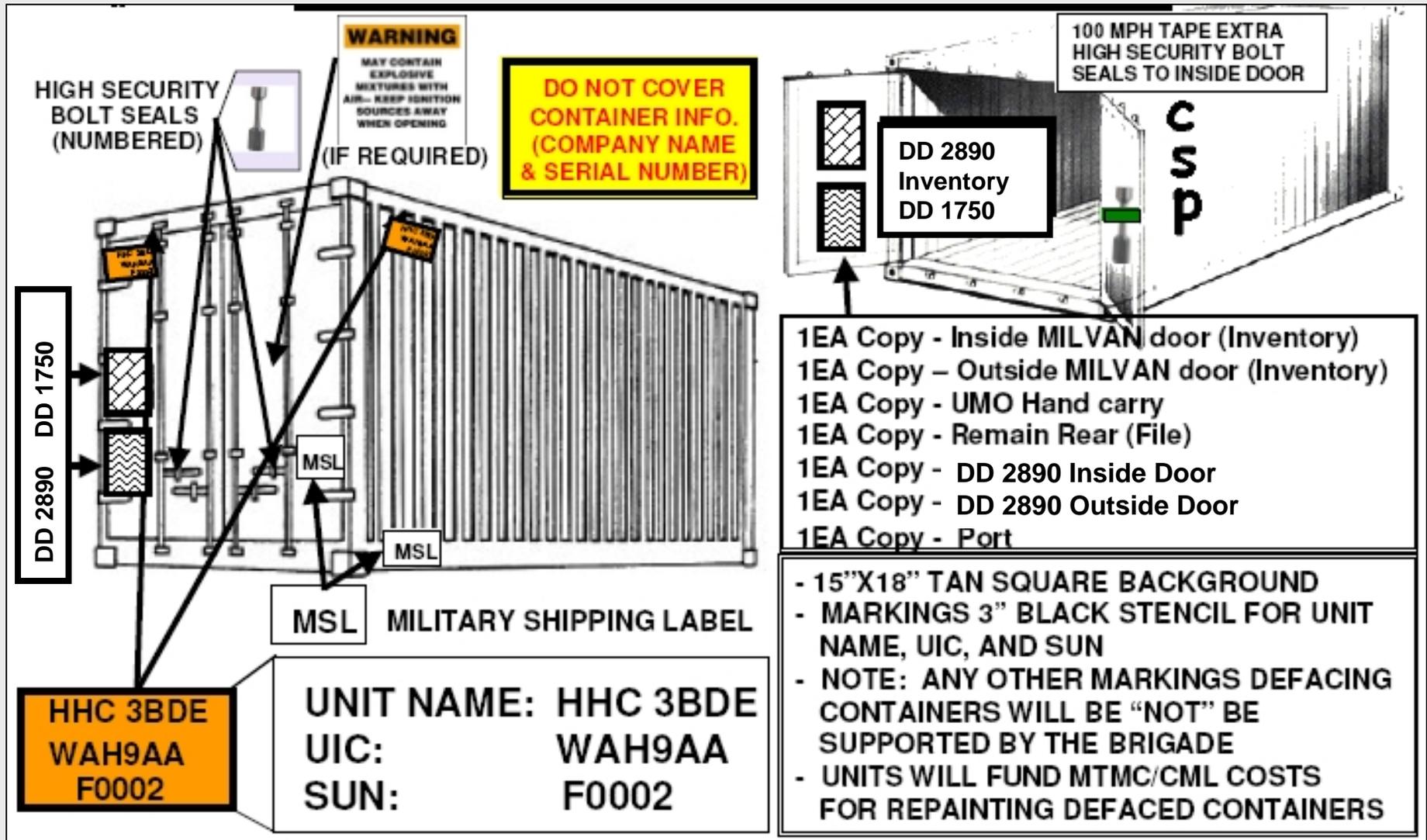
CARGO CAPACITY

41,300 lb





MILVAN MARKING





MILVAN SERIAL NUMBERS



“SCZU 737464 2” - SERIAL NUMBER 737464 2 TO BE PLACED IN BLOCK 15 “CONTAINER IDENTIFICATION NO / VEHICLE REGISTRATION NO.”





SEGREGATION / COMPATIBILITY

➤ Segregation for MILVANS / Freight Containers being transported overseas by vessel will be in accordance with the requirements of the IMDGC:

✓ 7.2.1.16 – Segregation Table

Class	1.1 1.2	1.3	1.4	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9
Explosives, 1.1, 1.2, 1.5	()	()	()	4	2	2	4	4	4	4	4	4	2	4	2	4	X
Explosives, 1.3	()	()	()	4	2	2	4	3	3	4	4	4	2	4	2	2	X
Explosives, 1.4, 1.6	()	()	()	2	1	1	2	2	2	2	2	2	X	4	2	2	X
Flammable gases 2.1	4	4	2	X	X	X	2	1	2	X	2	2	X	4	2	1	X
Non-toxic, non-flammable gases 2.2	2	2	1	X	X	X	1	X	1	X	X	1	X	2	1	X	X
Poisonous gases 2.3	2	2	1	X	X	X	2	X	2	X	X	2	X	2	1	X	X
Flammable liquids 3	4	4	2	2	1	2	X	X	2	1	2	2	X	3	2	X	X
Flammable solids 4.1	4	3	2	1	X	X	X	X	1	X	1	2	X	3	2	1	X
Spontaneously combustible substances 4.2	4	3	2	2	1	2	2	1	X	1	2	2	1	3	2	1	X
Substances which are dangerous when wet 4.3	4	4	2	X	X	X	1	X	1	X	2	2	X	2	2	1	X
Oxidizing substances 5.1	4	4	2	2	X	X	2	1	2	2	X	2	1	3	1	2	X
Organic peroxides 5.2	4	4	2	2	1	2	2	2	2	2	2	X	1	3	2	2	X
Poisons 6.1	2	2	X	X	X	X	X	X	1	X	1	1	X	1	X	X	X
Infectious substances 6.2	4	4	4	4	2	2	3	3	3	2	3	3	1	X	3	3	X
Radioactive materials 7	2	2	2	2	1	1	2	2	2	2	1	2	X	3	X	2	X
Corrosives 8	4	2	2	1	X	X	X	1	1	1	2	2	X	3	2	X	X
Miscellaneous dangerous substances 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

✓ 7.2.2.3 – Segregation in Cargo Transport Units





SEGREGATION / COMPATIBILITY



➤ Segregation for MILVANS / Freight Containers being transported by rail or truck to NTC will be in accordance with the requirements of the 49 CFR:

✓ Segregation Tables – 177.848 (Hwy) and 174.81 (Rail)

Class or division	Notes	1.1										2.3 gas zone A	2.3 gas zone B	3	4.1	4.2	4.3	5.1	5.2	6.1 liquids PG I zone A	7	8 liquids only
		1.2	1.3	1.4	1.5	1.6	2.1	2.2														
Explosives	1.1 A and 1.2	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Explosives	1.3	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Explosives	1.4	*	*	*	*	*	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Very insensitive explosives	1.5 A	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Extremely insensitive explosives	1.6	*	*	*	*	*																
Flammable gases	2.1	X	X	O	X			X	O										O	O		
Non-toxic, non-flammable gases	2.2	X			X																	
Poisonous gas Zone A	2.3	X	X	O	X	X						X	X	X	X	X	X					X
Poisonous gas Zone B	2.3	X	X	O	X	O						O	O	O	O	O	O					O
Flammable liquids	3	X	X	O	X			X	O							O		X				

✓ Since HazMat must be loaded at the rear of the container, those items requiring separation under Code “O” must be loaded in separate containers.





MILVAN LOADING



Load HazMat nearest to the door. Allow ready inspection, access, and unloading in case of emergency.





PERSONAL ITEMS LOADED IN MILVANS



All Hazardous Material loaded in MilVans, QuadCons, TriCons, etc. must be certified. Hazardous personal items such as after shave lotion, deodorants, aerosols, etc. must either be declared as HazMat or removed and carried in checked baggage on the flight.





BLOCKING & BRACING

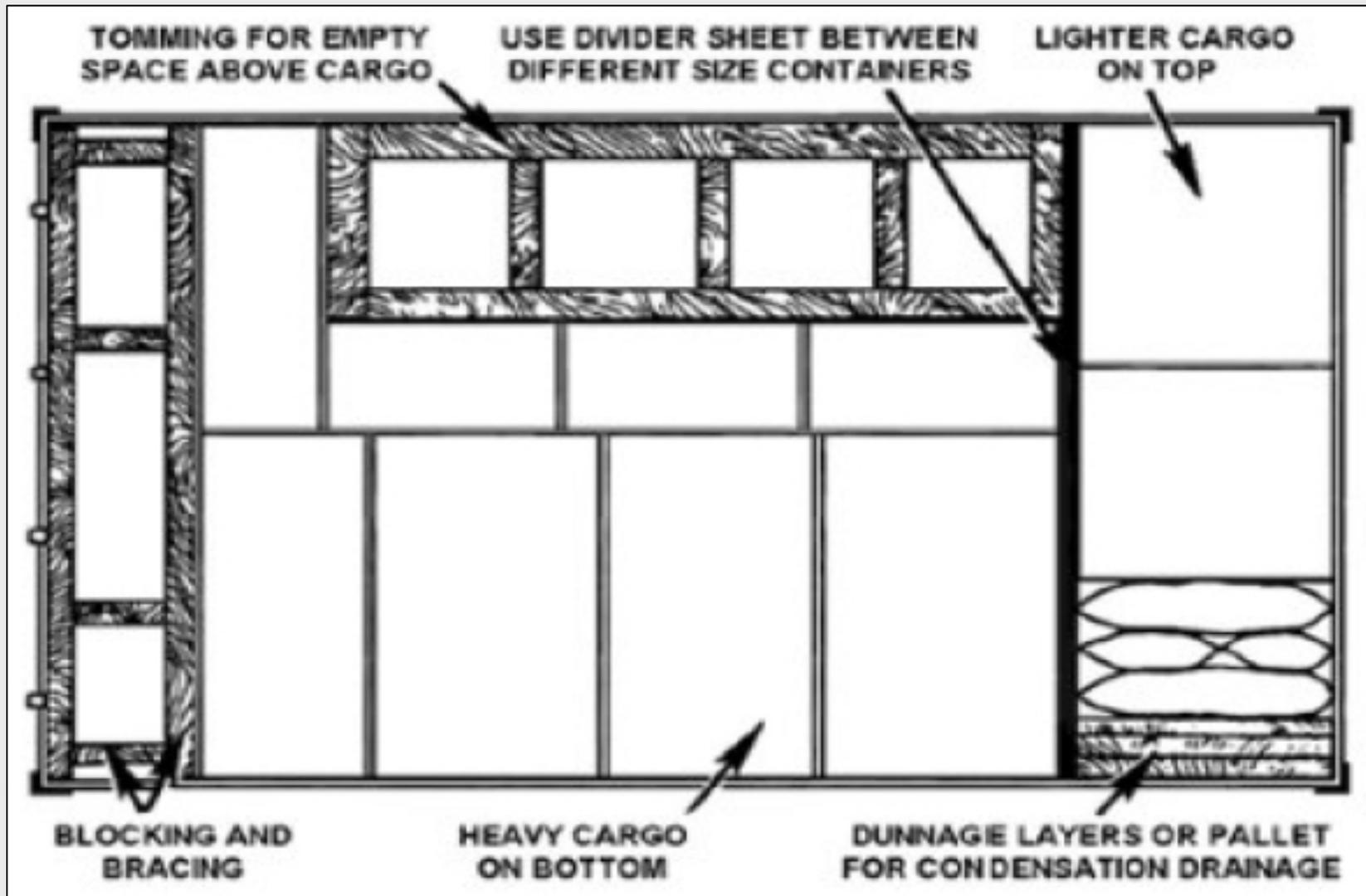


Secure all material with adequate blocking and bracing to ensure there is no movement of material during transportation. Ensure blocking and bracing does NOT hide the labels and marking. If using plywood across the load, cut 6" diameter inspection holes. Refer to TEA Pamphlet 55-23 for additional guidance.





BLOCKING & BRACING





BLOCKING & BRACING



BEFORE - INCORRECT

AFTER - CORRECT





THE CONSEQUENCES





PLACARDING MILVANS

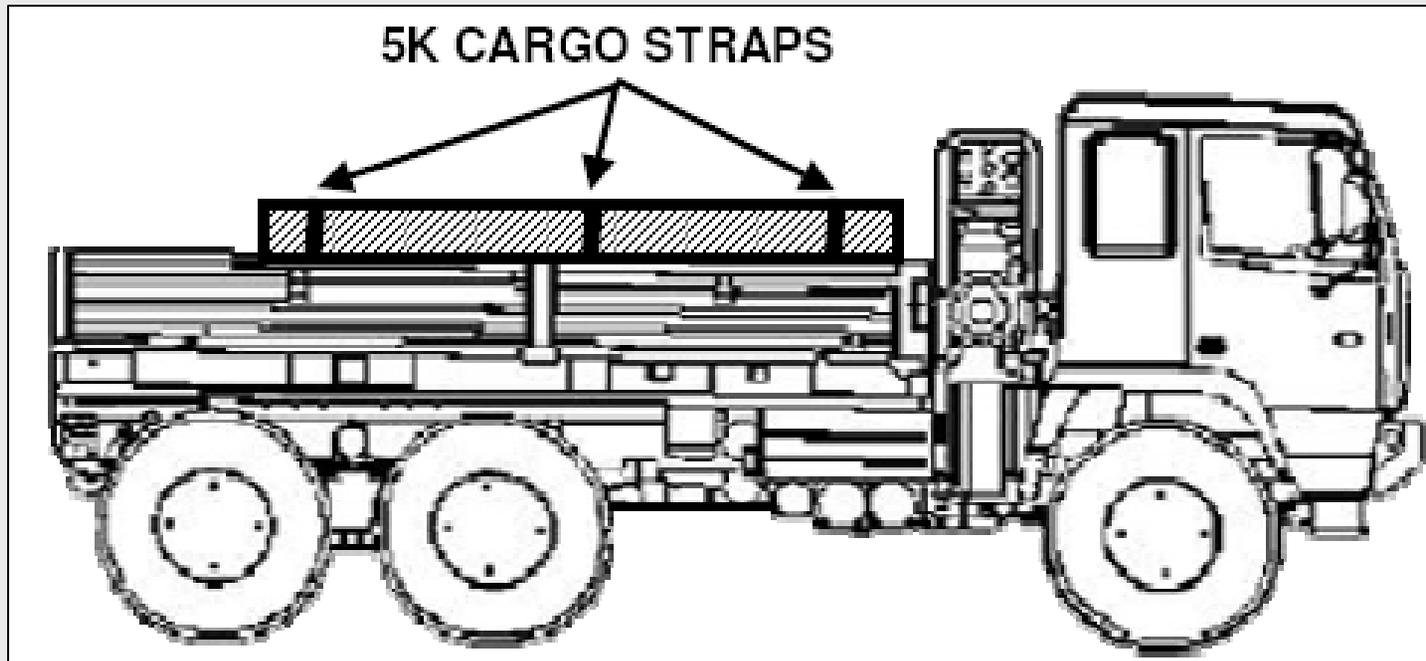


For vessel shipments you must placard for all hazard classes (primary & subsidiary) loaded in the container. Placards will be placed on all four sides.





SECONDARY LOADS



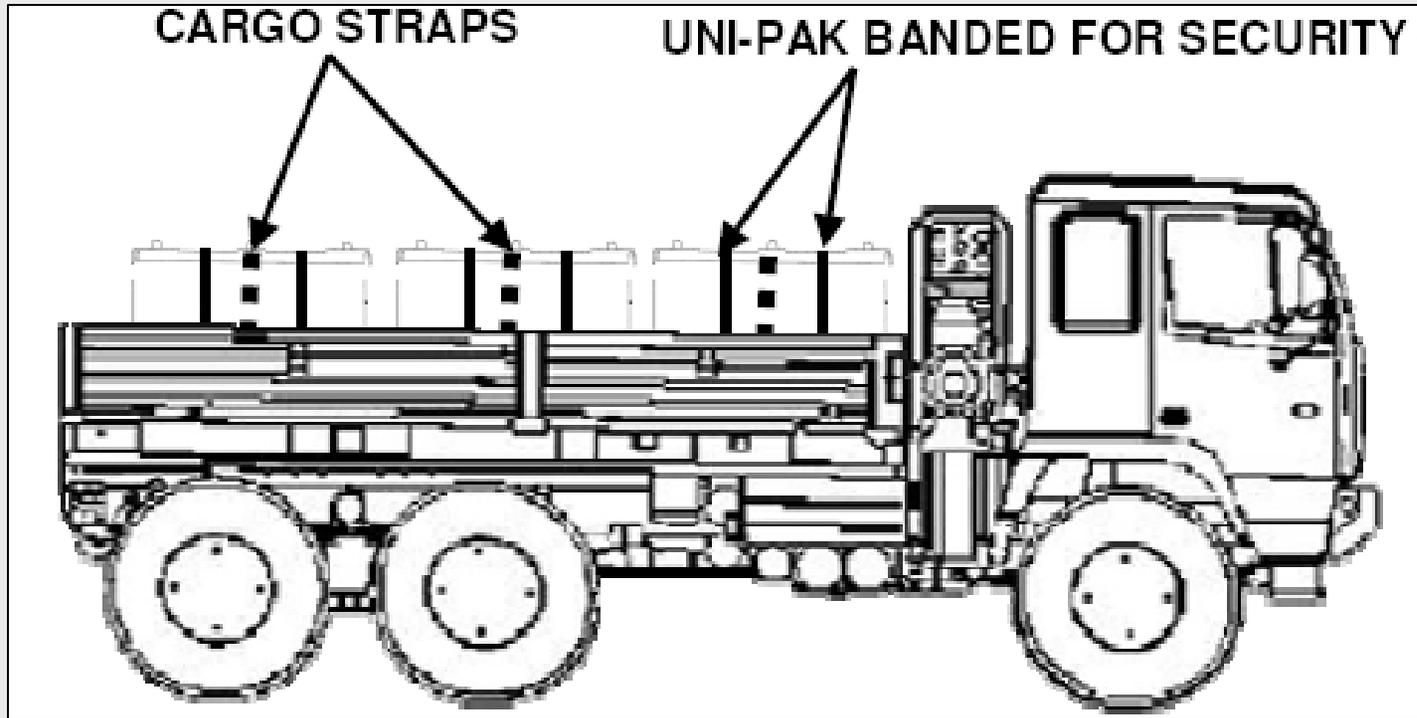
1. RIGID CONTAINERS, ECU'S, etc., WILL BE PLACED UP FRONT TILL IT TOUCHES THE CARGO BULKHEAD.
2. 5K CARGO STRAPS TO SECURE TO CARGO BED USING TIE DOWN POINTS WITH THE VEHICLE CARGO BED
3. ALL RATCHET DEVICES WILL BE SECURED USING WIRE.

NOTE: All Hazardous Material Items MUST Be Loaded To The Rear.





SECONDARY LOADS



SEA: CONTAINERS REQUIRE STEEL BANDING TO PREVENT PILFERAGE AND 5K CARGO STRAPS TO SECURE TO CARGO BED.

AIR: CONTAINERS REQUIRE CGU-1B NYLON STRAPS (6170-00-725-1437) TO SECURE TO CARGO BED. (CONTAINERS MUST BE ACCESSIBLE FOR INSPECTION)

HWY: CONTAINERS REQUIRE 5K CARGO STRAPS TO SECURE TO CARGO BED.





SECONDARY LOADS



ALL M1120s (LHS) WILL BE SHIPPED VIA SEA WITHOUT CONTAINERIZED SECONDARY LOADS

M1120s (LHS) WILL MOVE CONTAINERIZED M7/MECC/REFERs TO PORT ONLY, WILL NOT LOAD SHIP WITH SECONDARY CONTAINERIZED LOADS

MAXIMUM HEIGHT FROM GROUND IS 13''





Equipment Preparation



Trailer Mounted



“Not” Trailer Mounted

- 1. All Battery Terminals must be disconnected and taped.**
- 2. Trailer mounted equipment can contain up to ½ tank of fuel**
- 3. Dismounted or secondary loaded equipment must be drained but not purged (DD 2890 for fuel is required).**





VEHICLE PREPARATION



M978 HEMTT FUELER

1. Must be drained and purged.
2. Purge certificate must be with the vehicle
3. Hazard placards turned over, removed or covered.
4. UN Number / Flammable markings covered up.





DOCUMENTATION

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: _____ (cross out whichever item does <u>NOT</u> apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do <u>NOT</u> apply):			
<input type="checkbox"/>	a. The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.		
<input type="checkbox"/>	b. If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.6 (IMDGC).		
<input type="checkbox"/>	c. Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).		
<input type="checkbox"/>	d. All packages have been externally inspected for damage, leakage, or sitting, and only sound packages have been packed.		
<input type="checkbox"/>	e. Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.		
<input type="checkbox"/>	f. All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.		
<input type="checkbox"/>	g. When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.		
<input type="checkbox"/>	h. The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.		
<input type="checkbox"/>	i. When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".		
<input type="checkbox"/>	j. The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).		
<input type="checkbox"/>	k. If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with #175.505(a)(5), 49 CFR.		
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005 PREVIOUS EDITION IS OBSOLETE. Reset			

DD Form 2781 – Container Packing Certificate



DD 2781



Enter Container Serial Number (cross out "container" or "vehicle" as applicable).

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
a. The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.			
b. If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.5 (IMDGC).			
c. Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).			
d. All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.			
e. Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.			
f. All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.			
g. When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.			
h. The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.			
i. When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".			
j. The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).			
k. If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with 49 CFR 175.505(a)(5).			
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005 PREVIOUS EDITION IS OBSOLETE. Reset			



DD 2781



Container is clean and fit to receive the goods to be loaded.

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
✓	a.	The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.	
✓	b.	If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.6 (IMDGC).	
	c.	Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/ vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).	
	d.	All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.	
	e.	Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.	
	f.	All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.	
	g.	When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.	
	h.	The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.	
	i.	When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".	
	j.	The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).	
	k.	If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with 49 CFR 175.905(a)(5).	
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005		PREVIOUS EDITION IS OBSOLETE.	



DD 2781



Dangerous goods have been segregated as required by the applicable regulation(s).

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
<input checked="" type="checkbox"/>	a.	The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.	
<input checked="" type="checkbox"/>	b.	If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.6 (IMDGC).	
<input checked="" type="checkbox"/>	c.	Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/ vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).	
	d.	All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.	
	e.	Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.	
	f.	All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.	
	g.	When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.	
	h.	The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.	
	i.	When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".	
	j.	The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).	
	k.	If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with 49 CFR 175.905(a)(5).	
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005		PREVIOUS EDITION IS OBSOLETE.	



DD 2781



All packages have been inspected for damage, properly stowed (upright position for liquids), and secured.

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
<input checked="" type="checkbox"/>	a.	The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.	
<input checked="" type="checkbox"/>	b.	If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.5 (IMDGC).	
<input checked="" type="checkbox"/>	c.	Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/ vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).	
<input checked="" type="checkbox"/>	d.	All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.	
<input checked="" type="checkbox"/>	e.	Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.	
<input checked="" type="checkbox"/>	f.	All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.	
	g.	When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.	
	h.	The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.	
	i.	When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".	
	j.	The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).	
	k.	If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with #175.905(a)(5), 49 CFR.	
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005		PREVIOUS EDITION IS OBSOLETE.	





DD 2781



Dangerous Goods:

Packages properly marked, labeled, and container placarded.

DD 2890 is complete for each items listed on the DD 1750 and attached.

CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
<input checked="" type="checkbox"/>	a.	The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.	
<input checked="" type="checkbox"/>	b.	If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.5 (IMDGC).	
<input checked="" type="checkbox"/>	c.	Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/ vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).	
<input checked="" type="checkbox"/>	d.	All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.	
<input checked="" type="checkbox"/>	e.	Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.	
<input checked="" type="checkbox"/>	f.	All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.	
<input checked="" type="checkbox"/>	g.	When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.	
<input checked="" type="checkbox"/>	h.	The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.	
<input checked="" type="checkbox"/>	i.	When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".	
<input checked="" type="checkbox"/>	j.	The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).	
<input checked="" type="checkbox"/>	k.	If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with 49 CFR 176.505(a)(5).	
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
DD FORM 2781, JUN 2005 PREVIOUS EDITION IS OBSOLETE. Reset			



DD 2781



CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION			
Person responsible for packing the cargo transport unit (vehicle/container) will complete the checklist. Cross out "vehicle" or "container", as applicable. After completion, sign the certificate.			
1. It is declared that the undersigned has visually inspected (Container/Vehicle) Number: <u>MILVAN #</u> (cross out whichever item does NOT apply) and it has been loaded/packed in accordance with the provisions of 5.4.2.1 (IMDGC) and CFR 49 and that (indicate "N/A" for all items that do NOT apply):			
<input checked="" type="checkbox"/>	a.	The cargo transport unit (container/vehicle) was clean, dry, and apparently fit to receive the goods.	
<input checked="" type="checkbox"/>	b.	If the consignment includes goods of class 1, other than 1.4, the cargo transport unit (container/vehicle) is structurally serviceable in conformity with 7.4.5 (IMDGC).	
<input checked="" type="checkbox"/>	c.	Goods that should be segregated, have not been packed together onto or in the cargo transport unit (container/ vehicle) (unless approved by the competent authority concerned in accordance with 7.2.2.3 (IMDGC)).	
<input checked="" type="checkbox"/>	d.	All packages have been externally inspected for damage, leakage, or sifting, and only sound packages have been packed.	
<input checked="" type="checkbox"/>	e.	Drums have been stowed in an upright position, unless otherwise authorized by the competent authority.	
<input checked="" type="checkbox"/>	f.	All packages have been properly packed onto or in the cargo transport unit (container/vehicle) and secured.	
<input checked="" type="checkbox"/>	g.	When dangerous goods are transported in bulk packagings, the cargo has been evenly distributed.	
<input checked="" type="checkbox"/>	h.	The cargo transport unit (container/vehicle) and packagings therein are properly marked, labeled, and placarded.	
<input checked="" type="checkbox"/>	i.	When solid carbon dioxide (CO ² - dry ice) is used for cooling purposes, the cargo transport unit (container/vehicle) is externally marked or labeled in a conspicuous place, such as the door, and with the words: "DANGEROUS CO ² GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING".	
<input checked="" type="checkbox"/>	j.	The dangerous goods transport document required in 5.4.1 (IMDGC) has been received for each dangerous goods consignment packed in the cargo transport unit (container/vehicle).	
<input checked="" type="checkbox"/>	k.	If container is stowed with a vehicle and/or mechanical equipment with fuel in the tank, a warning label has been affixed to access doors legibly reading: "WARNING - MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR - KEEP IGNITION SOURCES AWAY WHEN OPENING" in accordance with 476.505(a)(5), 49 CFR.	
2. PERSON RESPONSIBLE FOR PACKING			
a. PRINTED NAME (Last, First, Middle Initial)	b. RANK/GRADE	c. TITLE	d. ORGANIZATION
Certifier, I. M.			HHC, 3 BCT
e. PLACE PACKED	f. SIGNATURE		g. DATE (YYYYMMDD)
Fort Carson, CO	I. M. Certifier		2 Apr 2007

Person Responsible for Packing the Container:

Complete blocks "a", "b", "c", "d", "e", and "g".

Sign block "f".



DD 1750



PACKING LIST		PACKED BY	1. NO. BOXES	2a. REQUISITION NO.		
				2b. ORDER NO.		
3. END ITEM MILVAN #			4. DATE 02 April 2007			
			5. PAGE <u>1</u> OF <u>1</u> PAGES			
BOX NO. <small>(a)</small>	CONTENTS - STOCK NUMBER AND NOMENCLATURE <small>(b)</small>	UNIT OF ISSUE <small>(c)</small>	QUANTITIES REQUIRED			
			INITIAL OPERATION <small>(d)</small>	RUNNING SPARES <small>(e)</small>	TOTAL <small>(f)</small>	
1	UN 1950, Aerosols (WD-40), 2.1	CN			12 0	
2	UN 1967, Insecticide Gas, Toxic, N.O.S. (Permethrin), 2.3	CN			12 0	
3	Personnel Clothing	BG			48 0	
					0	
					0	
					0	
					0	
6. THIS CERTIFIES THAT THE ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE			SIGNATURE			
I.M. Certifier			<i>I.M. Certifier</i>			

DD Form 1750, SEP 70

Adobe Professional 7.0





DD 2890



A DD 2890 must be completed for each MILVAN containing any amount of Hazardous Goods. Each Hazardous Material listed on the DD 1750 Inventory must be certified in accordance with the IMDG and the 49 CFR. All items must be compatible with all goods in the container.

Continuation sheets may be used if one form is insufficient for all items to be completely and accurately certified.

DOD MULTIMODAL DANGEROUS GOODS DECLARATION			
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, Chapter VII, regulation 54; MARPOL 78/78, Annex II, Regulation 4.			
1. SHIPPER/CONSIGNOR/SENDER		2. TRANSPORT DOCUMENT NUMBER	3. PAGE 1 OF PAGES
4. SHIPPER'S REFERENCE (TCN)	5. FREIGHT FORWARDER'S REFERENCE		6. CONSIGNEE
7. CARRIER (To be completed by the carrier)			24-HOUR EMERGENCY ASSISTANCE TELEPHONE NUMBERS:
DOD NON-EXPLOSIVE HAZMAT: 1-800-861-8061 AT SEA: COLLECT (804) 279-3131	DOD HAZ CLASS 1 (EXPLOSIVES) ONLY: COLLECT (703) 697-6218/6219	CHEMICAL/BIOLOGICAL WARFARE MATERIAL: (410) 436-3044/7211/6456 AFTER DUTY HOURS: (410) 436-2148 - Ask for TEU S3	DOD SECURE HOLDING: 1-800-524-0331 OIL/CHEMICAL SPILLS: NRC & TERRORIST HOTLINE: 1-800-424-8802 AT SEA: COLLECT 202-267-2675
DOD RADIOACTIVE MATERIALS: COLLECT ARMY: (703) 697-6218 USAF: (202) 767-4011 DLA: 1-800-861-8061 AT SEA: COLLECT 1-804-279-3131 USNMC: Use 24-hour emergency response number provided by activity.			8. THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR: (X as applicable)
<input type="checkbox"/> MILITARY VESSEL	<input type="checkbox"/> COMMERCIAL VESSEL	<input type="checkbox"/> HIGHWAY/RAIL	9. CONTAINER PACKING CERTIFICATE OR VEHICLE PACKING DECLARATION, DD FORM 2781, IS ATTACHED (X if applicable)
10. VOYAGE DOCUMENT NUMBER AND SAILING DATE (To be completed by the carrier)		11. PORT/PLACE OF LOADING	
12. PORT/PLACE OF DISCHARGE		13. DESTINATION	
14. SHIPPING MARKS	DESCRIPTION OF GOODS (UN No., PSN, HC, SMC, PG, number and kind of package, and additional information as required by regulation)		NET MASS/GTY (kg)
15. CONTAINER IDENTIFICATION NO./VEHICLE REGISTRATION NO.	16. SEAL NUMBER(S)	17. CONTAINER/VEHICLE AND TYPE	18. TARE MASS (kg)
19. ADDITIONAL HANDLING INFORMATION			
20. RECEIVING ORGANIZATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition, unless stated herein:			
a. RECEIVING ORGANIZATION REMARKS			
b. HALLER'S NAME	c. VEHICLE REGISTRATION NO.	d. SIGNATURE AND DATE	e. DRIVER'S SIGNATURE
21. SHIPPER PREPARING THIS FORM			
SHIPPER'S DECLARATION. I hereby declare that the contents of this consignment are fully and accurately described above by the Proper Shipping Name, and are classified, packaged, marked, and labeled/placarded and are in all respects in proper condition for transport according to the international and national government regulations.			
a. NAME OF COMPANY/MILITARY UNIT		b. NAME/STATUS OF DECLARANT/CERTIFIER	
c. PLACE AND DATE		d. SIGNATURE OF DECLARANT/CERTIFIER	



DD 2890

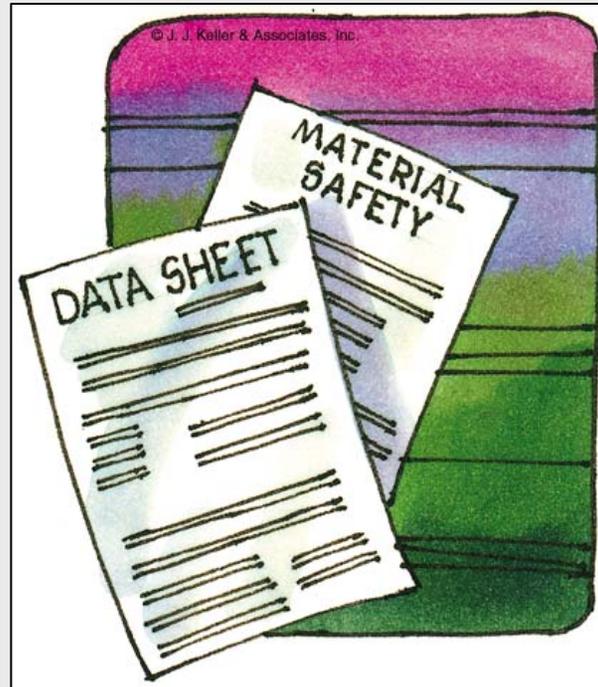


24-HOUR EMERGENCY ASSISTANCE TELEPHONE NUMBERS:			
DOD NON-EXPLOSIVE HAZMAT: 1-800-851-8061 AT SEA: COLLECT (804) 279-3131	DOD HAZ CLASS 1 EXPLOSIVES) ONLY: COLLECT (703) 697-0218/0219	CHEMICAL/BIOLOGICAL WARFARE MATERIAL: (410) 436-3044/7211/6455 AFTER DUTY HOURS: (410) 436-2148 - Ask for TEU S3	DOD SECURE HOLDING: 1-800-524-0331 OIL/CHEMICAL SPILLS: NRC & TERRORIST HOTLINE: 1-800-424-8802 AT SEA: COLLECT 202-267-2675
DOD RADIOACTIVE MATERIALS: COLLECT ARMY: (703) 697-0218 USAF: (202) 767-4011 DLA: (717) 770-5283 USN/MC: Use 24-hour emergency response number provided by activity.			
8. THIS SHIPMENT IS WITHIN THE LIMITATIONS PRESCRIBED FOR: (X as applicable)			X
<input type="checkbox"/> MILITARY VESSEL <input checked="" type="checkbox"/> COMMERCIAL VESSEL <input checked="" type="checkbox"/> HIGHWAY/RAIL			
10. VOYAGE DOCUMENT NUMBER AND SAILING DATE (To be completed by the carrier)		11. PORT/PLACE OF LOADING Beaumont, Texas	
12. PORT/PLACE OF DISCHARGE		13. DESTINATION	
14. SHIPPING MARKS	DESCRIPTION OF GOODS (UN No., PSN, HC, SHC, PG, number and kind of package, and additional information as required by regulation)	NET MASS/QTY (kg/l)	GROSS MASS (kg)
	UN 1950, Aerosols (WD-40), 2.1, 1 Box	2 kg	3 kg
	UN 1967, Insecticide Gas, Toxic, N.O.S. (Permethrin), 2.3, 1 Box	1 kg	2 kg
21. SHIPPER PREPARING THIS FORM			
SHIPPER'S DECLARATION. I hereby declare that the contents of this consignment are fully and accurately described above by the Proper Shipping Name, and are classified, packaged, marked, and labeled/placarded and are in all respects in proper condition for transport according to the international and national government regulations.			
a. NAME OF COMPANY/MILITARY UNIT HHC, 3 BCT		b. NAME/STATUS OF DECLARANT/CERTIFIER I. M. Certifier	
c. PLACE AND DATE Fort Carson, CO 2 April 2007		d. SIGNATURE OF DECLARANT/CERTIFIER <i>I. M. Certifier</i>	
DD FORM 2890, OCT 2005		PREVIOUS EDITION IS OBSOLETE.	





MSDS's



You must have an MSDS for all HazMat in your custody. The MSDS will be the source of information for the certification process. A copy may be required to be attached to the certification form.





MSDS's



The screenshot shows the Defense Logistics Information Service (DLIS) website. At the top, it says "Defense Logistics Information Service" and "A Defense Logistics Agency Activity". Below that is the "Hazardous Materials Information Resource System" header. A navigation bar includes links for "DLIS Home", "Products", "Services", "Programs", "Cataloging", "Log Tools", "Supplier", "Training", and "Library". On the right, there is a "Questions?" section with a virtual representative named Phyllis. The main content area features a large red diamond logo with "HMIRS" in the center. The diamond's sides are labeled: "Hazardous Transportation" (top), "Materials Safety and Health" (right), "HAZCOM Warning Label" (bottom), and "Material Safety Data Sheet Information" (left). Below the logo, the word "SYSTEM" is written. To the right of the logo, there are two paragraphs of text. The first paragraph states that HMIRS is a FOR OFFICIAL USE ONLY (FOUO) product and that unauthorized distribution is prohibited, with penalties of up to 10 years imprisonment and/or a fine up to \$10,000. The second paragraph describes HMIRS as a DoD automated system that serves as the central repository for MSDS for the United States Government military services and civil agencies, including value-added information like HAZCOM warning labels and transportation information. A left-hand navigation menu lists: "HMIRS Home", "What's New", "HMIRS Registration Forms", "HMIRS Training", "Connect to HMIRS", "User Information", "HMIRS CD/DVD", and "Related Sites".

HMIRS SYSTEM

The Hazardous Material Information Resource System (HMIRS) is a FOR OFFICIAL USE ONLY (FOUO) product. Unauthorized distribution of this product or its contents is strictly prohibited and may be punishable by up to 10 years imprisonment and/or a fine up to \$10,000.

The Hazardous Materials Information Resource System (HMIRS) is a Department of Defense (DoD) automated system developed and maintained by the Defense Logistics Agency. HMIRS is the central repository for Material Safety Data Sheets (MSDS) for the United States Government military services and civil agencies. It also contains value-added information input by the service/agency focal points. This value-added data includes HAZCOM warning labels and transportation information. HMIRS provides this data for hazardous materials purchased by the Federal Government through the Department of Defense (DoD) and civil agencies. The system assists Federal Government personnel who handle, store, transport, use, or dispose of hazardous materials.

**MSDS's can be obtained on the HMIRS website:
<http://www.dlis.dla.mil/hmirs/>**





FORT CARSON POINTS OF CONTACT



DOL / UNIT MOVEMENTS: 526-1154 / 1149 / 1150 / 1151 /
1153 / 1161 / 1162 / 6129

BLOCKING & BRACING: 526-6137 / 3455

HAZMAT INSTRUCTORS:

Mike Schmidbauer: 524-1241
mike.schmidbauer@us.army.mil

Len Hammond: 524-2740
len.hammond@us.army.mil

