

October 16, 2009



U.S. Department  
of Transportation

East Building, PHH - 30  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 11989  
(EIGHTH REVISION)

EXPIRATION DATE: September 30, 2013

(FOR RENEWAL, SEE 49 CFR §107.109)

1. GRANTEE: U.S. Department of Defense (DOD)  
Scott Air Force Base, IL
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the stowage of certain Division 1.1, 1.2 and 1.4 explosives, in the same freight container with Compressed Helium, a Division 2.2 material, on board vessels of the United States Air Force's Afloat Pre-positioned Fleet (APF). This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
  - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §172.504 in that Division 2.2 placards are not required in addition to the appropriate Class 1 placards; §§ 176.83(a), (d) and (f) in that certain stowage requirements are waived, as specified herein.

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5. BASIS: This special permit is based on the application of U.S. Department of Defense dated October 10, 2009 submitted in accordance with § 107.109 and § 107.117 and a determination that it is necessary for immediate national security purposes.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Bombs, <i>with bursting charge</i>	1.1D	UN0034	II
Fuzes, detonating, <i>with protective features</i>	1.4D	UN0410	II
Fuzes, detonating, <i>with protective features</i>	1.2D	UN0409	II
Helium, compressed	2.2	UN1046	n/a

7. SAFETY CONTROL MEASURES:
- a. PACKAGING - This special permit applies to the following guided bombs (GBU): Model GBU-12 (utilizing the MK-82 500 pound bomb), Model GBU-24 (utilizing the MK-84 or BLU-109 2,000 pound bomb) and Model GBU-27 (utilizing the BLU-109 2,000 pound bomb) and specifies the manner in which the component parts of each GBU may be loaded into the same ISO container.

<b>Guided Bomb Model Number</b>	<b>Component Item</b>
GBU-24 (BLU-109)	BLU-109, 2000 pound bomb, 1.1D, UN0034; FMU-143 Fuze, 1.4D, UN0410; WGU-39 guidance control unit containing compressed helium

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<b>Guided Bomb Model Number</b>	<b>Component Item</b>
GBU-24 (MK-84)	MK-84, 2000 pound bomb, 1.1D, UN0034; FMU-139 Fuze, 1.2D, UN0409; WGU-39 guidance control unit containing compressed helium
GBU-27 (BLU-109)	BLU-109, 2000 pound bomb, 1.1D, UN0034; FMU-143 Fuze, 1.4D, UN0410; WGU-39 guidance control unit containing compressed helium guidance control unit containing compressed helium
GBU-12 (MK-82)	MK-82, 500 pound bomb, 1.1D, UN0034; FMU-139 Fuze 1.4D, UN0409;

b. Packaging must be in accordance with the following as detailed in the special permit application.

<b>Component Item</b>	<b>Inner/Outer Packagings</b>
BLU-109, 2000 pound bomb	CNU-416/E Shipping and Storage Pallet. No inner packagings.
MK-84 2000 pound bomb	Standard Bomb Shipping and Storage Pallet. No inner packagings.
FMU-139/143 Fuzes	Inside barrier bags which are placed within 20mm shipping and storage cans
WGU-39 guidance control unit	CNU-371/E Shipping and Storage Container. No inner packagings.
MK-82 500 pound bomb	MHU-149/E Shipping and Storing Pallet. No inner packagings.
FMU-139 Fuzes	M548 Metal box with inner packagings
MAU-169L/B	CNU-317/E Metal Shipping Container with inner packagings

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c. OPERATIONAL CONTROLS -

(i) Loading, blocking and bracing of the component items within each 20 foot ISO container must be in accordance with the United States Army Defense Ammunition Center and School (USADACS) drawings as follows:

- GBU-24 (BLU-109): USADACS Drawing 19-48-8720-SP15M14
- GBU-24 (MK-84): USADACS Drawing 19-48-8719-SP15M13
- GBU-27 (BLU-109): USADACS Drawing 19-48-8721-SP15M15
- GBU-12 (MK-82): USADACS Drawing 19-48-8725-SP15M15

Containers must meet all applicable requirements in Title 49 Part 176.

(ii) Freight containers subject to the provisions of this special permit are not required to be additionally placarded with a Division 2.2 non-flammable gas placard.

8. SPECIAL PROVISIONS:

a. This special permit serves as a Competent Authority Approval (CA-2004010018) issued by the Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration (PHMSA), of the United States Department of Transportation, in accordance with Section 7.9 of the International Maritime Organization Dangerous Goods (IMDG) Code.

b. A current copy of this special permit must be maintained at each facility where the package is offered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicles, cargo vessel.

10. MODAL REQUIREMENTS:

a. A current copy of this special permit must be carried aboard each motor vehicle and/or cargo vessel used to transport packages covered by this special permit.

b. This special permit only applies to cargo vessels of the United States Air Force's Afloat Pre-positioned Fleet (APF). APF cargo vessels are vessels under the control of the Military Sealift Command that are specially designed and

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constructed to meet the need for carrying large amounts of military cargoes above and below deck. The cargo vessels are equipped with a system to provide climate control (both temperature and humidity) of the cargo holds and deck spaces to protect the quality of the munitions.

b. The freight containers transported in accordance with the terms of this special permit must be stowed in cargo holds or spaces of the cargo vessel which are actively under climate-controlled (temperature and humidity) conditions.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

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12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving fire, explosion or loss of a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Dr. Magdy El-Sibaie  
Acting Associate Administrator for Hazardous Materials Safety  
Address all inquiries to: Associate Administrator for Hazardous  
Materials Safety, Pipeline and Hazardous Material Safety  
Administration, U.S. Department of Transportation, East Building  
PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C.  
20590.

Copies of this special permit may be obtained by accessing the  
Hazardous Materials Safety Homepage at  
[http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm)  
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