

February 20, 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  
(SEVENTH REVISION)

EXPIRATION DATE: October 31, 2009

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: U.S. Department of Defense (DOD)  
(FORMER GRANTEE: 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 Prepositioned 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 and § 176.83(a), (d) and (f) in that certain placarding and stowage requirements are waived as specified herein.
5. BASIS: This special permit is based on the Pipeline and Hazardous Materials Safety Administration's (PHMSA) editorial review under § 107.121 initiated on November 21, 2008.

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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, with bursting charge                 | 1.1D                          | UN0034                       | II                   |
| Fuzes, detonating, with protective features | 1.4D                          | UN0410                       | II                   |
| Fuzes, detonating, with protective features | 1.2D                          | UN0409                       | II                   |
| Helium, compressed                          | 2.2                           | UN1046                       | n/a                  |

7. SAFETY CONTROL MEASURES:

a. PACKAGING - This special permit applies only to guided bombs (GBU) 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 specific mode 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 |
| 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  |

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

| <b>Component Item</b>        | <b>Packaging</b>   |
|------------------------------|--|
| BLU-109, 2000 pound bomb     | CNU-416/E Shipping and Storage Pallet                                      |
| MK-84                        | Standard Bomb Shipping and Storage Pallet                                  |
| 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                                   |

c. OPERATIONAL CONTROLS -

(i) Loading, blocking and bracing of the component items must be in 20 foot ISO containers 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

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

(ii) Freight containers subject to the provisions of this special permit need not be placarded with the 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.

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- 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 current copy of this special permit must be carried aboard each cargo vessel used to transport packages covered by this special permit.
- a. The only vessels to which this special permit applies are vessels of the United States Air Force's Afloat Prepositioned Fleet (APF). APF cargo vessels are vessels under the control of the Military Sealift Command that are specially designed and constructed to meet the need for carrying large amounts of military cargoes above and below deck. The 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 vessel which are climate-controlled (temperature and humidity).
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.

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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.

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 a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Theodore L. Willke  
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.

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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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PO: KFW/sln