

June 20, 2014



U.S. Department
of Transportation

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

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 15059
(SECOND REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of Helium, Division 2.2 in non-DOT specification packaging (cryoengines and assemblies of Maverick Missiles, Guidance Control Sections and Training Guidance Missiles containing cryoengines). 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 the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.301 and 173.302a in that non-DOT specification packagings are not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Department of Defense dated May 19, 2014 submitted in accordance with § 107.107.

June 20, 20146. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Helium, compressed*	2.2	UN1046	N/A

*This special permit does not waive the requirement for Explosives Classification Approvals under 49 CFR § 173.56.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification refrigerating machine described as cryoengine p/n 260043. The cryoengine must meet Raytheon Proprietary Specification Number C132175-107A, Code Ident 82577 dated September 1984 submitted with the application for special permit. The cryoengine must have a design pressure of 900 psig. Each cryoengine must be pressure tested to a pressure of at least two times design pressure prior to use.

b. OPERATIONAL CONTROLS -

(1) The cryoengine may be shipped in the following configurations: separately or with its subassembly; in an overpack with other cryoengines; and when installed in the higher assemblies of the Maverick missile family including but not limited to: Maverick missiles, Guidance Control Sections, Training Guided Missiles, and Captive Air Test Missiles. Maverick assemblies containing explosives must be covered under a current Competent Authority Explosives Classification Approval.

(2) Cryoengines shipped outside of a Maverick assembly must be shipped in a shipping container that will protect the cryoengine from damage during transportation. The shipping container must be capable of meeting a four foot drop test onto a concrete floor without damage to the container.

(3) Cryoengines containing 25 pounds or less of Helium, and shipped outside of a Maverick assembly, may be shipped under the exception for refrigerating machines in 49 CFR § 173.307(a)(4)(i). These cryoengines need not be marked DOT-SP 15059 unless transported by air.

(4) MARKING - The outside of each shipping container or assembly containing a cryoengine must be marked "DOT-SP 15059".

8. SPECIAL PROVISIONS:

a. The special permit grantee may only act as a shipper (offeror) under the terms of this special permit.

b. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

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

9. MODES OF TRANSPORTATION AUTHORIZED: As authorized in the HMR for the materials referenced in paragraph 6.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft, or motor vehicle used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

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.

June 20, 2014

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 Dr. Magdy El-Sibaie
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.

June 20, 2014

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. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: CWF/dl