

November 14, 2013



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 14554  
(SECOND REVISION)

**EXPIRATION DATE: August 31, 2017**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: PHI, Inc.  
Lafayette, LA
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain forbidden explosives by helicopter to various mountain sites in Antarctica as directed by the National Science Foundation of the US Government. 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. 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 § 172.101, Column (9B) in that the material is forbidden for transportation aboard aircraft, except as specified herein.
5. BASIS: This special permit is based on the application of PHI, Inc. dated September 12, 2013, submitted in accordance with § 107.109.

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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>
Explosive, blasting, type A	1.1D	UN0081	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - as prescribed in § 173.62 and Approval Number EX1987120255.

b. Authorized Aircraft - The aircraft to be used must be authorized under an FAA Part 135 air carrier certificate and/or an FAA 133 operations certificate.

c. OPERATIONAL CONTROLS -

(1) Operations must be conducted in accordance with conditions and limitations specified in the certificate holder's operations manual accepted by the FAA.

(2) The loading, unloading and handling of the materials authorized in this special permit must include the general safety measures in § 177.835, in addition to the requirements of § 175.75.

(3) No personnel other than the licensed explosive expert can participate in the loading/unloading operations.

(4) No personnel other than the helicopter pilot and the explosive expert are allowed in the loading/unloading area.

(5) Not more than 110 pounds total net weight of explosives may be carried in, on, or suspended from the aircraft.

(6) In the case of an in-flight emergency, an attempt must be made to land the cargo helicopter at an alternate landing zone other than the McMurdo Station heliport, such as the Ross Ice Shelf.

8. SPECIAL PROVISIONS:

a. No other hazardous materials may be transported with the materials listed in this special permit.

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

c. The granting of this special permit does not waive any FAA airworthiness operating requirements or the need to obtain appropriate FAA operating authorizations.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo aircraft only.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft 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.

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.

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

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