

June 17, 2015



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 16431

EXPIRATION DATE: May 31, 2017

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Arnold Aviation and Thunder Mountain Express, Inc.  
Cascade, ID  
Air Carrier Certificate #REAA515H
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain cylinders containing certain Division 2.1 gases and Class 3 hazardous materials aboard aircraft without shipping papers. 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 Hazardous Materials Table Column (9A) in that certain Division 2.1 gases are forbidden aboard a passenger-carrying aircraft, § 172.200 and § 175.33 in that a shipping paper and notification of pilot-in-command are required, § 173.202(c) in that certain single packagings (cylinders) containing gasoline may not be transported aboard passenger-carrying aircraft, and § 175.75(b) in that the material may not be transported in a passenger cabin, except as specified herein.

5. BASIS: This special permit is based on the application of Arnold Aviation and Thunder Mountain Express, Inc. dated March 25, 2015 submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated April 15, 2015 and May 29, 2015.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075*	N/A
Propane	2.1	UN1978	N/A
Gasoline	3	UN1203	II
Diesel Fuel	3	UN1202	III
Fuel, aviation, turbine engine	3	UN1863	III
Kerosene	3	UN1223	III

\*In accordance with § 172.102(c)(1), Special Provision 19, UN1075 may be used only for domestic transportation.

7. SAFETY CONTROL MEASURES:
- a. PACKAGING - Packagings prescribed are DOT Specification cylinders or cylinders manufactured under the terms of a special permit.
- b. OPERATIONAL CONTROLS -
- (1) No cylinder will contain greater than 100 pounds net weight of hazardous materials identified in paragraph 6.
- (2) Prior to loading the cylinders aboard the aircraft, the pilot must check the cylinders for possible leakage, ensure that the valve is closed tightly, and perform a visual check for cylinder

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integrity. The cylinders must be loaded and secured in a method which will prevent movement during transportation.

(3) Before each flight, the pilot-in-command:

(i) Informs each passenger of the location of the hazardous materials in paragraph 6 and the hazards involved; and

(ii) Prohibits smoking, lighting matches, the carrying of any lighted cigar, pipe, cigarette or flame, and the use of anything that might cause an open flame or spark, while loading or unloading or in flight.

(4) This special permit authorizes the use of small passenger carrying aircraft, in other than scheduled passenger operations, operating within or into a remote area in the United States -

(i) Transportation by air is the only practical means of transportation;

(ii) Each area or compartment in which the hazardous materials in paragraph 6 are loaded is suitably ventilated to prevent the accumulation of vapors; and

(iii) Hazardous materials must be loaded in such a manner that a crew member or other authorized person can see, handle and when size and weight permit, separate such packages from other cargo during flight.

(5) The aircraft must be leased, owned, or operated by Arnold Aviation and Thunder Mountain Express, Inc.

8. SPECIAL PROVISIONS: None, as a condition of this special permit.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo aircraft only and passenger-carrying aircraft.

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.

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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

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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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