

February 9, 2011



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 10993  
(NINTH REVISION)

EXPIRATION DATE: March 31, 2014
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(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Columbia Helicopters, Inc.  
Portland, OR  
(FAA Certificate CHIA823C)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain liquid fuels in non-DOT specification portable rubber containers of up to 500 gallon capacity by helicopter within and to only remote areas of the United States. 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. Party status will not 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 §§ 173.27(b)(3), 173.241, 173.242 and 173.243 in that alternative packaging is authorized and Part 175 Subpart B as applicable.
5. BASIS: This special permit is based on an application of Columbia Helicopters, Inc. dated January 15, 2010, submitted in accordance with § 107.109.

**February 9, 2011**6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identi- fication Number</b>	<b>Packing Group</b>
Diesel fuel	3	NA1993	III
Fuel, aviation, turbine engine	3	UN1863	I, II, III
Fuel oil (No. 1, 2, 4, 5 or 6)	3	NA1993	III
Gasoline	3	UN1203	II
Kerosene	3	UN1223	III
Petroleum oil	3	NA1270	I, II, III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a non-DOT specification collapsible, rubber, portable tank with a capacity of up to 500 gallons. These portable containers are capable of being rolled or fork lifted, and are designed, constructed and tested to U.S. MIL. SPEC. MIL-D-23119. The tanks will be carried as external loads only, secured for transport by means of lifting line, rigging and shackles having a safety factor of at least four times the maximum load.

b. TESTING - The collapsible, rubber, portable tanks (blivets) are pressure tested to 30 psig, designed and tested to 8 G loading conditions, and are capable of withstanding successive free fall drops from 4 meters and use from -30°F to 165°F, as documented within the brochure included with the application.

c. MARKING - The packaging described in paragraph 7.a. above must be marked "DOT-SP 10993" in letters at least two inches high on a contrasting background. Additionally, the package must bear the CARGO AIRCRAFT ONLY label as described in § 172.448.

**February 9, 2011**

- d. All Class A rotorcraft external load operations are conducted in accordance with the CHI Rotorcraft Load Combination Flight Manual.
  - e. All aircraft used in the transport of gasoline under this special permit must be listed on the CHI Part 133 Operating Certificate.
  - f. Materials transported by external load must comply with the safety controls specified in this section.
  - g. Operator shall ensure procedures are followed to eliminate the risk of static electrical discharge.
8. SPECIAL PROVISIONS: The packaging described in this special permit is authorized for use only for fuel and oil shipments within and to remote access areas in the contiguous United States and Alaska where there is no other practical alternative to air shipments of these portable tanks. Flights may not be conducted over people or buildings.
9. MODES OF TRANSPORTATION AUTHORIZED: Cargo aircraft only.
10. OPERATIONAL MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft used to transport packages materials covered by this special permit.
- a. Authorized aircraft. Aircraft used under this special permit must be authorized as part of an FAA part 135 Air Carrier Certificate and/or an FAA part 133 Operating Certificate.
  - b. Operations manual. FAA Part 135 operations must be conducted in accordance with conditions and limitations specified in the certificate holder's FAA-approved operations manual. FAA part 133 operations must be conducted in accordance with conditions and limitations specified in the certificate holder's FAA-approved Rotorcraft Load Combination Flight Manual (RLCFM) and Hazardous Materials Safety Mitigation Plan.
  - c. Authorized persons aboard aircraft. No person may be carried other than a required flight crewmember, an FAA inspector, the shipper or consignee of the material or a representative of the shipper or consignee so designated in writing, or person necessary for handling the material.

**February 9, 2011**

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

**February 9, 2011**

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.

PO: LaValle