

November 15, 2017



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 14644  
(THIRD REVISION)

**EXPIRATION DATE: 2018-12-31**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: El Aero Services, LLC.  
Elko, NV (FAA 133 Cert AQHL 225C)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce by Part 133 Rotorcraft External Load Operations transporting certain hazardous materials attached to or suspended from a cargo aircraft in remote areas of the US only, without being subject to certain hazard communication and packaging requirements. 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 Table § 172.101, Column (9B), § 172.204(c) (3), § 173.27(b) (2) and § 175.30(a) (1) in that the explosives are forbidden by cargo aircraft, §§ 172.200 and 172.301(c), in that shipping papers and certain marking requirements are waived, Part 178 in that certain packaging requirements are waived, and § 175.75 in that alternative stowage is authorized.

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5. BASIS: This special permit is based on the application of El Aero Services, Inc. dated December 8, 2014 submitted in accordance with § 107.109 and additional information dated September 27, 2017.
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>
Aerosols, flammable, (each not exceeding 1 L capacity)	2.1	UN1950	N/A
Air, compressed	2.2	UN1002	N/A
Batteries, wet, filled with acid, electric storage	8	UN2794	III
Butane see also Petroleum gases, liquefied	2.1	UN1011	N/A
Diesel fuel	3	UN1202	III
Engines, internal combustion, flammable gas powered	9	UN3166	N/A
Flammable liquids, n.o.s.	3	UN1993	I, II, III
Gasoline	3	UN1203	II
Lighter containing flammable gas	2.1	UN1057	N/A
Lithium ion batteries, packed with equipment including lithium ion polymer batteries	9	UN3481	N/A
Lithium ion batteries, contained in equipment including lithium ion polymer batteries	9	UN3481	N/A
Lithium metal batteries, contained in equipment including	9	UN3091	N/A

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Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
<i>lithium alloy batteries</i>			
Lithium metal batteries, packed with equipment <i>including lithium alloy batteries</i>	9	UN3091	N/A
Oxygen, compressed	2.2	UN1072	N/A
Paint related material <i>including paint thinning, drying, removing, or reducing compound</i>	3	UN1263	I, II, III
Petroleum distillates, n.o.s. or Petroleum products, n.o.s.	3	UN1268	I, II, III
Propane <i>see also</i> Petroleum gases, liquefied	2.1	UN1978	N/A
Rags, oily	4.2	UN1856	III

7. SAFETY CONTROL MEASURES FOR MATERIALS

a. PACKAGING - Prescribed packaging is the manufacturer's original packaging or a packaging of equal or greater strength and integrity. Compatibility and effectiveness of all packaging must, at a minimum, meet the requirements of 49 CFR 173.24.

b. All packages must be blocked and braced to prevent movement.

c. Aerosols and compressed gases must be secured in an upright position with protective caps and/or covers installed to prevent any unwanted discharge.

d. Batteries must have their terminals insulated to prevent short circuits.

e. Liquid fueled or gasoline powered equipment may be filled to not more than 80% of their capacity to allow for expansion due to altitude changes.

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f. Lithium metal and ion batteries must remain installed in electronic devices. Spare lithium metal and ion batteries must be separated from other metallic objects by being individually wrapped and packed in a sturdy plastic bag with protection to prevent short circuit. Battery powered equipment must be packaged in a manner that prevents accidental activation or short circuit.

g. Propane must be packaged in DOT 4BW240 or DOT 4AA480 cylinders. The propane cylinders must be transported in approved netting in accordance with the manufacturer's instructions.

h. Division 4.2 materials must be transported in sealed containers to prevent any spontaneous combustion.

i. The requirements for shipping papers are waived.

j. Each outer packaging must be properly marked and labeled for the hazardous materials contained within.

k. Materials transported by external load must comply with the safety controls specified in this section.

l. Pilot-in-command notification procedures for 49 CFR Part 175.33, may be established subject to the written approval of the cognizant Regional Hazardous Materials Manager.

8. SPECIAL PROVISIONS

a. This Special Permit does not grant the authority to use foreign controlled airspace or airports outside the United States.

b. The marking requirements of 49 CFR 172.301(c) are waived.

c. This Special Permit does not waive any FAA airworthiness requirements or the need to obtain other required FAA authorizations.

9. MODES OF TRANSPORTATION AUTHORIZED: Rotorcraft External Load Operations.

10. OPERATIONAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft used to transport materials covered by this special permit. The

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shipper must provide a copy of this special permit to the air carrier before or at the time the shipment is tendered.

a. Authorized aircraft. Aircraft used under this special permit must be authorized as part of an FAA 14 CFR Part 133 Operating Certificate.

b. Operations manual. FAA 14 CFR 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 Material Safety Mitigation Plan.

c. Authorized persons aboard aircraft. No person may be carried on the aircraft other than as authorized in 14 CFR 133.35.

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.

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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 William Schoonover  
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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