



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety  
Administration**

**August 07, 2024**

1200 New Jersey Avenue, SE  
Washington, DC 20590

DOT-SP 21727

**EXPIRATION DATE: 2026-06-30**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: United States Postal Service  
Chicago, IL
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of lithium ion batteries contained in equipment (unmanned aerial vehicle-UAV) containing not more than ten batteries (two installed and eight spare lithium ion batteries) or not more than ten spare lithium ion batteries, each with watt-hour ratings between 100 Wh and 160 Wh, in carry-on baggage in the passenger cabin of a commercial aircraft. 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.
  - d. This special permit applies to commercial flights in the United States and all United States Territories where the U.S. Government has jurisdiction.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 175.10(a)(18)(ii), in that more than two individually protected lithium ion batteries each exceeding 100 Wh, but not exceeding 160 Wh, may be carried per person as spare batteries in carry-on baggage; 49 CFR Subpart C of Part 172 in that a shipping paper is not required, Subpart D of Part 172 in that the package need not be marked, Subpart E of Part 172 in that the package need not be labeled, Subpart H of Part 172 in that training is not required, except as specified herein, and § 175.75(b) in that a person may carry a hazardous material in the cabin of a passenger-carrying aircraft as provided herein.

Tracking Number: 2024024695

5. BASIS: This special permit is based on the application of United States Postal Service dated February 20, 2024, submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Lithium ion batteries <i>including lithium ion polymer batteries</i>	9	UN3480	N/A
Lithium ion batteries contained in equipment <i>including lithium ion polymer batteries</i>	9	UN3481	N/A
Lithium ion batteries packed with equipment <i>including lithium ion polymer batteries</i>	9	UN3481	N/A

7. SAFETY CONTROL MEASURES:
- a. PACKAGING: The authorized packaging is as follows:
- (1) The Go Professional Case (GPC) DJI M30T case with formed foam cushioning containing an unmanned arial vehicle (UAV) with two (2) installed batteries and not more than eight (8) spare batteries.
- (2) A GPC case with foam cushioning containing not more than ten (10) spare batteries. The internal cushioning must securely hold and protect the batteries.
- b. TESTING: Cells and batteries transported under the provisions of this special permit must be of a type that has passed all required tests as specified in the version of the “UN Manual of Tests and Criteria” applicable during the design type testing.
- c. OPERATIONAL CONTROLS:
- (1) Transportation is only authorized for United States Postal Inspection Service (USPIS) Inspectors and for official business purposes.

- (2) Each of the batteries contained in equipment (UAV) or the spare batteries may have a maximum energy content exceeding 100 Wh but not exceeding 160 Wh.
- (3) A maximum of two packaging described in 7.a. may be carried into and stored in the cabin of a passenger-carrying aircraft.
- (4) Each packaging must be accompanied a USPIS Inspector. Each USPIS Inspector may only transport one packaging.
- (5) All batteries, including those contained in equipment, must be at a state of charge not greater than 30% when carried as carry-on luggage.
- (6) The batteries contained in equipment and spare lithium ion batteries must be protected against short-circuiting while in transportation.
- (7) The packages must not be stowed next to each other in the overhead bin.
- (8) Damaged, defective, or recalled (DDR) lithium ion batteries are not authorized for transportation by aircraft.

8. SPECIAL PROVISIONS:

- a. A current copy of this special permit must be maintained at each facility where the package is offered for carriage.
- b. This special permit in no way affects the need to obtain any required authorizations from other agencies of the United States Government or from the competent authorities of the State of origin, transit, over flight, and destination of the consignment, as well as the State of the air operator.

9. MODES OF TRANSPORTATION AUTHORIZED: Passenger-carrying aircraft in carry-on baggage 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 grantee must furnish a copy of this special permit to the air carrier before the shipment is tendered. The air carrier transporting the permitted articles herein, must provide a copy of this special permit to the Pilot in Command (PIC) and obtain written acknowledgement of that receipt (i.e., PIC signature) prior to departure.

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.

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 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-13, 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 <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search>. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: Steve H/TG