DOT-SP 21713

EXPIRATION DATE: 2026-04-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Lockheed Martin Corporation
   Bethesda, MD

2. PURPOSE AND LIMITATION:
   a. This special permit authorizes the transportation in commerce of non-DOT
      specification cylinders containing compressed neon installed in a spacecraft or
      components of spacecraft. 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.


4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.301(f)(1) in that the
   cylinder is not equipped with one or more pressure relief devices; and § 173.302(a)(1) in
   that a non-DOT specification cylinder is authorized.

5. BASIS: This special permit is based on the application of Lockheed Martin Corporation
   dated January 24, 2024, submitted in accordance with § 107.105 and the public
   proceeding thereon.
6. **HAZARDOUS MATERIALS (49 CFR 172.101):**

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Hazard Class/Division</th>
<th>Identification Number</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neon, compressed</td>
<td>2.2</td>
<td>UN1065</td>
<td>N/A</td>
</tr>
</tbody>
</table>

7. **SAFETY CONTROL MEASURES:**

   a. **PACKAGING:** Prescribed packagings are non-DOT specification pressure vessels without pressure relief devices that are installed in spacecraft or components of spacecraft and are packaged in a wooden crate with integrated environmental controls in place to regulate temperature and humidity within the crate. The design of each vessel must be as described in the application on file with the Office of Hazardous Safety.

   b. **MARKING:** The outside of each wooden crate must be plainly and durably marked on two opposite sides in letters at least 2 inches in height on a contrasting background: “DOT-SP 21713”.

8. **SPECIAL PROVISIONS:**

   a. A person who is not a holder of this special permit who receives a package covered by this special permit may reofffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

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

9. **MODES OF TRANSPORTATION AUTHORIZED:** Motor vehicle.

10. **MODAL REQUIREMENTS:** A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

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:
All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

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.

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.:

[Signature]

for William Schoonover
Associate Administrator for Hazardous Materials Safety

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: SMITH