

June 25, 2021



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 15347
(SIXTH REVISION)

EXPIRATION DATE: 2025-04-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Raytheon Company
Tucson, AZ
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of a compressed gas, n.o.s. (tetrafluoromethane and argon), Division 2.2, in non-DOT specification packagings described as a Coolant Supply Assembly. 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 §§ 173.301 and 173.302a in that non-DOT packaging is not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Raytheon Company dated May 28, 2021, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Compressed gas, n.o.s.* (tetrafluoromethane and argon)	2.2	UN1956	N/A

*This special permit does not waive the requirement for Explosives Classification Approvals under § 173.56.

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packaging prescribed is a Coolant Supply Assembly (PN X7063350). The primary components of the Coolant Supply Assembly are the non-DOT specification, Type 304 stainless steel, First Stage Bottle Assembly (P/NX7063365/X7063351) and Second Stage Bottle Assembly (P/N7063366/X7063355). The First Stage Bottle Assembly has a volume of no more than 1.7 cubic inches and contains tetrafluoromethane. The Second Stage Bottle Assembly has a volume of no more than 0.5 cubic inches and contains argon. Both assemblies are pressurized to no more than 7,400 psig and must be proof pressure tested and burst tested in accordance with the drawing numbers referenced herein, on file with the Office of Hazardous Materials Safety Approvals and Permits.

b. OPERATIONAL CONTROLS:

(1) The Coolant Supply Assembly may be offered for transportation individually or as an assembled component part of the RAM Block I and II Seeker Head Assembly, RAM Guidance Section or RAM Guidance Control Group. Assemblies containing explosives must be covered under a current Competent Authority Explosives Classification Approval.

(2) The Seeker Head Assembly, the Guidance Section and the Guidance and Control Group must be packed for shipment in an outside container conforming to Raytheon Packing Instructions for that assembly.

(3) Coolant Supply Assemblies containing 25 pounds or less of Compressed gas, n.o.s. and shipped outside of a higher assembly, may be shipped under the exception for refrigerating machines in § 173.307(a)(4)(i). These assemblies need not be marked "DOT-SP 15347" unless transported by air.

(4) MARKING: The outside of each package must be marked "DOT-SP 15347".

8. SPECIAL PROVISIONS:

a. The special permit grantee may only act as a shipper (offeror) under the terms of this special permit.

b. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer 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.

c. 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, rail freight, cargo vessel, cargo-only aircraft and passenger carrying aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, aircraft, or motor vehicle used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

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.

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- 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 incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator

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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. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: CWF/HERZOG