U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

JUL - 2 1993

DOT-E 10541
(THIRD REVISION)

1. Aerojet Propulsion Division, Aerojet General Corporation, Sacramento, CA, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulation to offer rocket motors for transportation in commerce subject to the limitation and special requirements specified herein. This exemption authorizes the transportation of rocket motors via highway in specially designed non-DOT specification packaging, and provides no relief from any regulation other than as specifically stated. **Note:** Reference to 49 CFR sections in this exemption are to regulations in effect on September 30, 1991.

2. BASIS. This exemption is based on Aerojet's application dated April 23, 1993, submitted in accordance with 49 CFR 107.105 and supplemental letter dated June 22, 1993.

3. HAZARDOUS MATERIALS (Descriptor and class). Rocket motor identified as Propellant Cartridge 1178904-9 (EX-9012217) and 1208558 (EX-9306112) classed as Division 1.3C (Class B explosive) UN 0186. **NOTE:** Effective October 1, 1993, the appropriate numeric hazard class or division descriptions must be used in place of the written hazard class descriptions.

4. PROPER SHIPPING NAME (49 CFR 172.101). Rocket motor.

5. REGULATION AFFECTED. 49 CFR 173.92.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Each rocket motor shall be packaged in accordance with Aerojet's drawings T-1043824 dated July 18, 1990, on file in the Office of Hazardous Materials Exemptions and Approvals.

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried aboard each motor vehicle used to transport the rocket motor covered by this exemption.

b. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident.

c. Packaging tie-downs shall be in accordance with Aerojet's Shipping Container Analysis dated July 10, 1990.

d. Carriers operating under the terms of this exemption must hold a "conditional" or "satisfactory" safety rating as prescribed in Part 385 of 49 CFR.

9. REPORTING REQUIREMENTS: Any incident involving a fire, explosion or loss of packaging contents or packaging failure must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)

10. EXPIRATION DATE. May 31, 1995.

Issued at Washington, D.C.

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(DATE)

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Program.

Dist: FHWA.