U.S. Department
of Transportation

**Research and
Special Programs
Administration**

JAN 18 1995

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

DOT-E 10207
(SECOND REVISION)

1. Atlantic Research Corporation, Gainesville, Va., is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of rocket motors for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transportation of certain rocket motors with igniters installed and in a propulsive state, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on applications from Atlantic Research Corporation dated May 20, 1993, and supplemental letter dated July 29, 1993, submitted in accordance with 49 CFR 107.105.

3. HAZARDOUS MATERIALS (Descriptor and class). Rocket motors, identified as A0295040 (EX-8903251), 11487672 (EX-8511018), and 13251916 (EX-13251916) classed as Division 1.3C explosives.

4. PROPER SHIPPING NAME (49 CFR 172.101). Rocket motor, UN 0186.

5. REGULATION AFFECTED. 49 CFR 107.102(c)(1)109; 173.63(b)

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and cargo vessel.

7. SAFETY CONTROL MEASURES. Packagings prescribed are:

a. Motor No. A0295040 must be packed in a MIL-B-81705 EMF Shielding, anti-static lined barrier bag. Two motors must be packed in a 4D wood box. An overall view of the packaging is shown on Atlantic Research Drawing A0295044 Rev. B, dated 10/25/88 on file with the office of Hazardous Materials Exemptions and Approvals (OHMEA).

b. Motor No. 11487672 must be packed in MIL-B-81705, EMF Shielding, anti-static lined barrier bag and not more than 24 motors packed in a 4D wood box. The shipping assembly is shown on Atlantic Research Drawing A0079310, Rev. C, dated 1/5/92 on file with OHMEA.

c. Motor No. 13251916 must be packed in a MIL-B-81705, EMF shielding, anti-static lined barrier bag and not more than 4 motors packed in a 4D wood box. The shipping assembly is shown on Atlantic Research Drawing A0079304, Rev. J, dated 5/15/92 on file with OHMEA.

In all of the above configurations the igniter leads must be shorted together and grounded to the motor case.

8. SPECIAL PROVISIONS.

a. Persons who receive packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with, and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. A copy of this exemption must be carried aboard each vessel and motor vehicle used to transport packages covered by this exemption.

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

d. Motor carriers operating under the terms of this exemption must have a "Satisfactory" safety rating as prescribed in 49 CFR Part 385.

9. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

10. EXPIRATION DATE. July 1, 1995.

Issued at Washington, D.C.

JAN 18 1995

(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, USCG.