



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
 OFFICE OF HAZARDOUS MATERIALS TRANSPORTATION
 WASHINGTON, D.C. 20590

400 Seventh Street, SW.
 Washington, D.C. 20590

**Research and
 Special Programs
 Administration**

COMPETENT AUTHORITY APPROVAL CA-910322

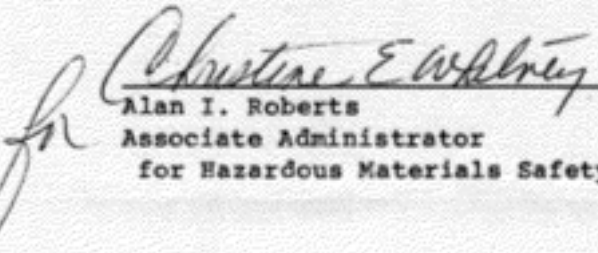
1. This competent authority approval by the Office of Hazardous Materials Transportation of the United States Department of Transportation, issued in accordance with Part 2, Paragraph 1.3 of the International Civil Aviation Organization (ICAO) Technical Instructions, approves the classification and compatibility group assignment of, and assigns the appropriate proper shipping name to, certain explosives articles.
2. BASIS. This approval is based on the request by HTL Energy Systems Division of Chandler, Arizona, dated March 12, 1991.
3. COMMERCIAL NAME. Actuating cartridge, explosive

<u>EX</u>	<u>P/N</u>
EX-9012166	13083-50
EX-9012167	30903819
EX-9012168	30903824-1
EX-9012169	30903829
EX-9012170	30903835

4. PROPER SHIPPING NAME AND U.N. NUMBER.
 Cartridges, power device, UN0323.
5. U.N. CLASS AND DIVISION (AND COMPATIBILITY GROUP APPLICABLE). 1.4S
 (The shipping name and class assignment are based on Bureau of Explosives and Bureau of Mines Reports on file with the Office of Hazardous Materials Transportation.)
6. PACKAGING. Packing Instruction 134.

7. EXPIRATION DATE. This approval remains valid until withdrawn or superseded by a revised approval.

Certified by:


Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAR 26 1991

(DATE)