



U.S. Department
of Transportation

Research and
Special Programs
Administration

DEC 15 1986

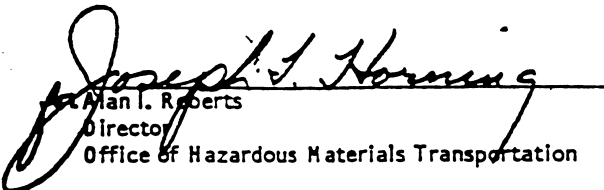
400 Seventh St., S.W.
Washington, D.C. 20590

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

COMPETENT AUTHORITY APPROVAL CA-861204

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 from HTL Energy Systems of Chandler, Arizona, dated December 1, 1986.
3. COMMERCIAL NAME. Actuating cartridge, explosive (P/N 13083-5, EX-8611120).
4. PROPER SHIPPING NAME AND U.N. NUMBER. Cartridges, power device, UN 0323.
5. U.N. CLASS AND DIVISION (AND COMPATIBILITY GROUP APPLICABLE). 1.4S
(The shipping name and class assignment are based on Bureau of Mines Report dated November 3, 1986, 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 This approval remains valid until withdrawn or superseded by a revised approval.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
Director
Office of Hazardous Materials Transportation

DEC 8 1986

(DATE)