

RECEIVED 5 1990



Research and Special Programs Administration

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

400 Seventh Street  
Washington, D.C. 20590

COMPETENT AUTHORITY APPROVAL CA-900233


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 February 7, 1990.
3. COMMERCIAL NAME. Actuating cartridge, explosive

<u>EX</u>	<u>P/N</u>
EX-8701156	PN 13083-10
EX-8701157	PN 13083-45
EX-8701158	PN 30900400
EX-8701158A	PN 30903855
EX-8701159	PN 30903823

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 This approval remains valid until withdrawn or superseded by a revised approval.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  
Director  
Office of Hazardous Materials Transportation

MAR 3 1990  
\_\_\_\_\_  
(DATE)