§ 160.036–5  Testing.

Each hand-held rocket-propelled parachute red flare distress signal shall be tested to determine if it will ignite and operate satisfactorily following this conditioning. The signal shall not ignite or decompose during this conditioning. The signal shall fire and operate satisfactorily following this conditioning.

§ 160.036–5  Marking.

(a) General. Each hand-held rocket-propelled parachute red flare distress signal shall be legibly marked or labeled as follows:

(Company brand or style designation)

HAND-HELD ROCKET-PROPELLED PARACHUTE
RED FLARE DISTRESS SIGNAL—20,000 candelas—30 seconds burning time. USE ONLY WHEN AIRCRAFT OR VESSEL IS SIGHTED. DIRECTIONS—(In numbered paragraphs, simply worded instructions for firing the device).

Service Life Expiration Date (date to be inserted by manufacturer) (Month and year manufactured) (Lot No. ) Manufactured by (Name and address of manufacturer) U.S. Coast Guard Approval No. .

(b) Marking of expiration date. The expiration date must be not more than 42 months from the date of manufacture.

(c) Other marking. (1) On each hand-held rocket-propelled parachute red flare distress signal there shall be die-stamped in figures not less than 3 mm (1⁄8 in.) high, the month and year of manufacture, thus: “6–54” indicating June, 1954.

(2) The pyrotechnic candle shall be legibly marked with the month and year of manufacture.

(3) In addition to any other marking placed on the smallest packing carton or box containing signals, each carton or box shall be plainly and permanently
§ 160.036–6 Container.

(a) General. The container for storing the signals on lifeboats and liferafts is not required to be of a special design or be approved by the Coast Guard. The container must meet the requirements in Subpart 160.021 (§ 160.021–6) except that the wording on the container must be:

HAND-HELD ROCKET-PROPELLED PARACHUTE
RED FLARE DISTRESS SIGNALS

(b) [Reserved]

§ 160.036–7 Procedure for approval.

(a) Signals are approved by the Coast Guard under the procedures in subpart 159.005 of this chapter.

(b) [Reserved]

Subpart 160.037—Hand Orange Smoke Distress Signals

SOURCE: CGD 76–048a and 76–048b, 44 FR 73085, Dec. 17, 1979, unless otherwise noted.

§ 160.037–1 Incorporation by reference.

(a) The following are incorporated by reference into this subpart:


(c) NBS Report 4792 may be obtained from the Commandant (CG-521), 2100 2nd St., SW., Stop 7126, Washington, DC 20593–7126.

(d) Approval to incorporate by reference the materials listed in this section was obtained from the Director of the Federal Register on November 1 and 29, 1979. The materials are on file in the Federal Register library.


§ 160.037–2 Type.

(a) Hand orange smoke distress signals specified by this subpart shall be one type which shall consist essentially of a wooden handle to which is attached a tubular casing having a sealing plug at the handle end, the casing being filled with a smoke producing composition and fuse with button of ignition material at the top, and a removable cap having a friction striking material on its top which may be exposed for use by pulling a tear strip. The signal is ignited by scraping the friction striker on top of the cap against the igniter button on top of the body of the signal. Alternate arrangements which conform to the performance requirements of this specification will be given special consideration.

(b) [Reserved]

§ 160.037–3 Materials, workmanship, construction, and performance requirements.

(a) Materials. The materials shall conform strictly to the specifications and drawings submitted by the manufacturer and approved by the Commandant. The color of the tube shall be orange. The combustible materials shall be of such nature as will not deteriorate during long storage, nor when subjected to frigid or tropical climates, or both.

(b) Workmanship. Hand orange smoke distress signals shall be of first class workmanship and shall be free from imperfections of manufacture affecting their appearance or that may affect