

LIFE-SAVING EQUIPMENT

PISTOL ROCKET APPARATUS

NOS. 2 & 3 SETS

INSTRUCTIONS

FOR USE



1.6.46

HOW TO OPERATE THE NOS. 2 & 3 SETS PISTOL ROCKET APPARATUS

1. Take out line box and open by tearing off sealing tapes (Fig. 1).
2. Make fast a length of rope to bowline end of the line so that in the event of the rocket exceeding its estimated range the end of the line will not be lost (Fig. 2). NOTE. Do not disturb the lay of the line in the box while doing this.

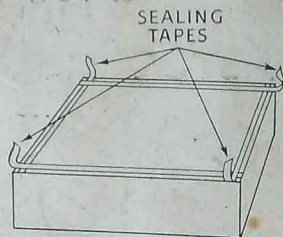


Fig. 1

3. Take out rocket and make fast the free end of the line in the line box to the loop at the end of the wire rocket tail (Fig. 3).

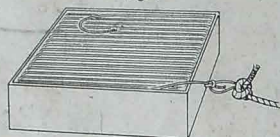


Fig. 2

4. Take out pistol. Pull back the breechlocking device with the thumb and load pistol with one of the cartridges from the round tin (Fig. 4).

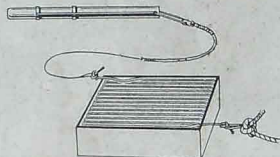


Fig. 3

5. Close breech of pistol but do not cock the trigger.

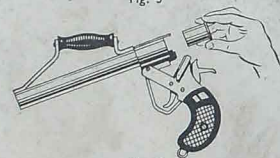


Fig. 4

6. Insert rocket as far as it will go into the muzzle of the pistol with the direction bridle on the underside (Fig. 5).



Fig. 5

7. Stand behind or on left-hand side of the line box—cock the trigger—aim—fire. NOTE. Before firing, make certain that there are no obstructions to prevent the free running of the line (see front page).

HOW TO AIM THE PISTOL ROCKET

AIMING. Maximum distance depends on having the muzzle of the pistol raised to the correct elevation. This can be gauged by seeing that the front bar of the handgrip is very slightly above the horizontal (Fig. 6).

POINT OF AIM. While the rocket itself is very little affected in its flight by a heavy cross wind, the line will form a bight to leeward of the rocket's flight. This must be allowed for when aiming.



Fig. 6

The general rules for aiming are :—

- (A) In calm weather, or in a light cross wind, or in a heavy wind blowing directly from target to firer—**AIM DIRECTLY AT TARGET** (Fig. 7).
- (B) In a moderate to heavy cross wind—**AIM AT A POINT A FEW YARDS TO WINDWARD OF TARGET TO ALLOW FOR THE BIGHT OF THE LINE** (Fig. 7).

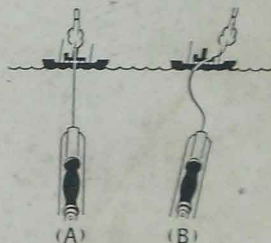


Fig. 7

NOTE. In the event of a misjudged aim, when it appears that the bight of the line will fall to leeward of the target, it is possible to reduce the bight by waiting until the rocket is near the end of its flight and then loosely grasping the outgoing line in the hand so as to give a braking effect.

ALWAYS CLEAN AND OIL PISTOL AFTER USE AND REPLACE USED LINES ROCKETS AND SIGNALS WITH SPARE ONES

THE SCHERMULY PISTOL ROCKET APPARATUS LTD.

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