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DESCRIPTION AND INSTRUCTIONS

FOR THE

USE OF POSITION LIGHTS

MARK I AND MARK II

PREPARED BY THE
ORDNANCE DEPARTMENT
WASHINGTON, D. C.

ARMY WAR COLLEGE
1917

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WAR DEPARTMENT,
WASHINGTON, *December 15, 1917.*

The following pamphlet entitled "Description and Instructions for the Use of Position Lights, Mark I and Mark II," is published for the information of all concerned.

[353.51, A. G. O.]

BY ORDER OF THE SECRETARY OF WAR.

JOHN BIDDLE,
Major General, Acting Chief of Staff.

OFFICIAL:

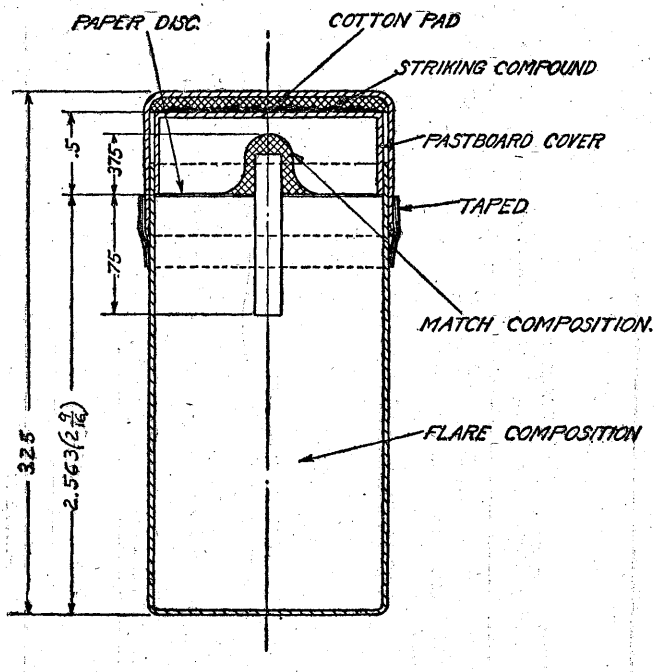
H. P. McCAIN,
The Adjutant General.

TABLE OF CONTENTS.

Page.

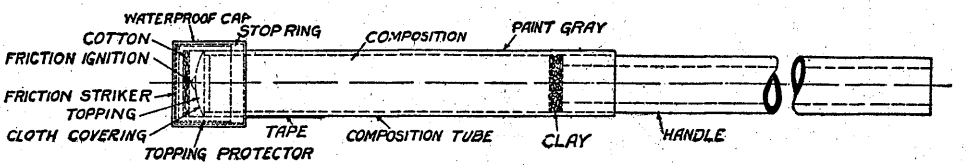
Description and instructions for the use of position lights, Mark I and Mark II:

Position light—Mark I 5
Description of position light 5
To use the light 5
Position light—Mark II (white) 6
Description of the position light 6
To use the light 6
Position light—Mark II (red and green) 6

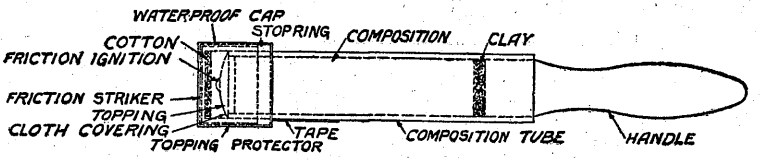


POSITION LIGHT MARK I

PLATE I.



POSITION LIGHT (WHITE) MARK II.



POSITION LIGHT (RED AND GREEN) MARK II.

PLATE 2

ERRATA.

The position light, Mark I, is designed to burn approximately 2 minutes instead of 1 minute as indicated on page 5.

The red and green position lights, Mark II, described on page 6, will not be furnished, as it is expected that the red and green position light, Mark I, will meet any possible requirements in this direction.

POSITION LIGHT—MARK I.

DESCRIPTION OF POSITION LIGHT.

The light is a flare used for signaling purposes. It burns for about one minute, giving off a red, green, or white flame. It has an internal diameter of 1½ inches and a total length of 3¼ inches. It consists of a paper or tin case, a tin outer cover, a pasteboard inner cover, a flare composition, a wooden pin, a match composition, a striking composition, and a cotton pad.

The light is assembled in the following manner: The flare composition, with the wooden-pin projection one-fourth of an inch from its upper surface, is inserted into the case. The match composition is put over the projecting end of the pin. The inner cover fits into the case and protects the match composition. The striking compound is placed on top of the inner cover and the cotton wad over the compound. The outer cover is slipped over the whole and fastened to the case by a piece of tape.

The color of the light is indicated by the label and the tin cover. The label is printed on colored paper corresponding to the color of the flare. The tin cover is suitably shaped to facilitate selection of the proper color in the dark. It is smooth for a green, corrugated for a red, and pointed for a white light.

TO USE THE LIGHT.

Pull the string projecting from the wrapper and remove the flare. Remove the outer cover, the cotton wad, and the inner cover. Strike the top of the inner cover on the match composition; this ignites the latter which, in turn, lights the flare composition.

POSITION LIGHT—MARK II (WHITE).

DESCRIPTION OF THE POSITION LIGHT.

The light is a flare used for signaling and illuminating purposes. It has an inside diameter of 1¼ inches and a total length of approximately 8 inches. It gives off a light of an average strength of 40,000 candlepower and burns for at least one minute. The light consists of a case, a handle, a flare composition, a striking composition, a cotton wad, a paper cap, and a lead covering.

The light is assembled in the following manner: The case, with the stick attached at one end, is filled with the flare composition. A knob of striking composition is placed on top of the flare composition. The paper cap, with the cotton wad inside it, is slipped over the end of the case and fits against a shoulder on the latter. The lead cover is placed over the cap.

TO USE THE LIGHT.

Pull on the linen strip which projects from the lead cover along the side of the case. Remove the paper cap and strike the composition against the striking composition, thus lighting the flare.

POSITION LIGHT—MARK II (RED AND GREEN).

These are similar to the white light except that their size is somewhat smaller. They are about 4 inches long and give off a light of about 2,500 candlepower.

