

TALPO.IT  
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## DROP BOMB—DUMMY—MARK I.

### DESCRIPTION OF THE BOMB.

The bomb is patterned after the high-capacity drop bomb, Mark II, and is used in practice bombing. It is cigar shaped, with a total length of  $23\frac{1}{2}$  inches, and has a maximum diameter of  $4\frac{1}{4}$  inches. It weighs about 21 pounds.

The bomb consists of:

- A. A body.
- B. Four vanes.
- C. An axial tube.
- D. A tail piece.
- E. A firing rod.
- F. A nose piece.
- G. A wind shield.
- H. A rear cup.
- K. A firing pin.
- L. A fastener.
- M. A shot-gun cartridge.
- N. A smoke-producing charge.
- P. A spring.
- R. A wad.

The body (A) is made of a composition similar to concrete. Its length is  $23\frac{1}{2}$  inches and maximum diameter  $4\frac{1}{4}$  inches. Black asphaltum paint is sprayed on its exterior surface. A white-paint mark indicates the center of gravity of the bomb.

The four vanes (B) are of sheet steel,  $17\frac{3}{8}$  inches long,  $2\frac{1}{8}\frac{1}{4}$  inches wide, and 0.0375 of an inch thick. The material of which the body is composed, while in a liquid state, is poured around the vanes. Seven holes near their rear end are designed to provide channels for this material, which upon hardening locks the vanes in place.

The axial tube (C) is made of No. 26 to 28 gauge sheet tin. It is  $23\frac{1}{2}$  inches long and has an inside diameter of 0.969 inch. The front end is lipped to facilitate the insertion of the firing

