

M21 BLANK FIRING ATTACHMENT FOR M240 MACHINE GUN



Training Category/Level Utilized:

Armor/Level 3

Logistic Responsible Command, Service, or Agency:

ACALA

Source and Method of Obtaining:

Available through local TSC.

Purpose of Trainer:

The M21 Blank firing Attachment permits the firing of linked blank 7.62mm ammunition in the M240 Machine Gun. This allows simulation of live round firing in tactical engagement exercises to support tactical training.

Functional Description:

The M240 MG is gas operated, i.e.; gases behind the exiting bullet are bled off through ports in the barrel and this back pressure is used to cycle the weapon for continuous firing. The orifice in the M21 BFA is designed to duplicate that action by restricting blank firing gases and creating back pressure that will provide a cyclic rate similar to the rates experienced using service ammunition.

The M21 Blank Firing Adapter for the M240 Machine Gun is designed to replace the Flash Hider on the weapon for training exercises. Of one-piece cast corrosion-resistant steel, the BFA design incorporates a specific sized orifice to restrict gases generated by blank firing just as a bullet passing through the barrel and a parabolic chamber to

enhance the aural signature of the weapon under blank firing conditions. Fins on the outer diameter of the BFA help dissipate heat buildup. The front end of the BFA is designed to accept installation of various extensions to insure expulsion of gases when the M240 MG/M21 BFA combination is used in the M60A1/A3 Tank, or M1/M1A1 MBT.

Physical Information:

Weight: Approximately 3 lb. (Each component)

Equipment Required, Not Supplied:

None

Special Installation Requirements:

None

Power Requirements:

None

Applicable Publications:

TM 9-1005-316-12&P

Reference Publications:

TM 9-1005-313 Series

DVC was previously assigned as DVC 17-134.

Training Requirements Supported:

MOSC 11B, 19D, 19K