Fuze Timer (Milligan)

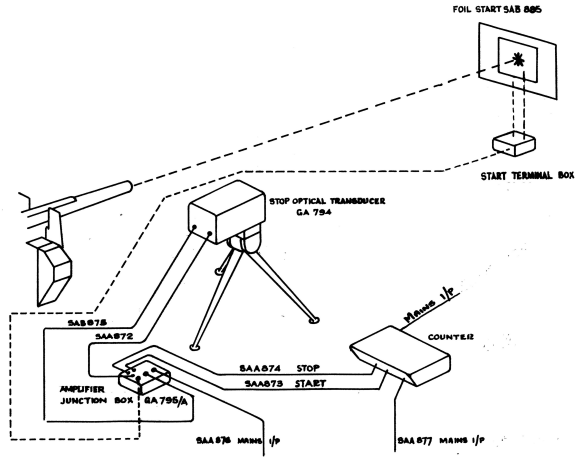
The **SABRE Ballistics** Fuze Timer, GA 779, is designed to measure the time interval between the initial contact of a projectile with a target and the detonation of the explosive charge. It was formerly manufactured by Milligan Electronics and also known as Fuze Delay Recording Apparatus or FDRA.

The equipment is portable and sufficiently robust to withstand the rough conditions encountered on proof ranges in different parts of the world.

The equipment uses an optical transducer to sense the detonation of the charge and this may be sited up to 1 Km from the target, depending upon the size of the explosive charge.

The time interval between contact of the projectile and the explosion of the charge in the projectile is measured on a **SABRE** Velocity & Firing Rate Analyser (VFR) or Integrated Range Instrumentation System. The counter is started by a pulse that is generated when the nose of the projectile closes a circuit between the target and a sheet of foil placed in front of it. The counter is stopped by a pulse generated by an optical transducer which senses the flash from the explosive charge.

The time in microseconds is displayed and printed together with statistics as required.



STRAIGHTFORWARD OPERATION

COMMON ITEMS WITH TRAJECTORY TIMER

USES MULTI-ROLE VELOCITY FIRING RATE ANALYSER OR IRIS COMPUTER

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