



# Engineering Bulletin

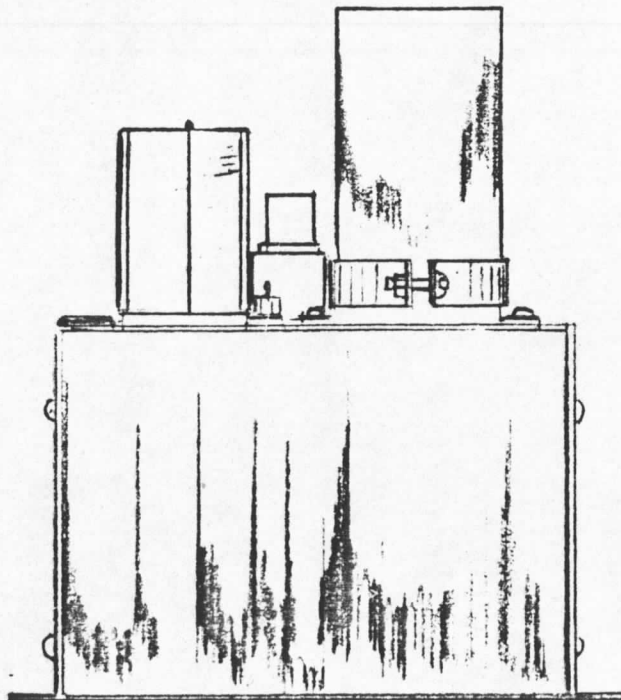
## SOLENOID RELAY DELAY KIT (DEADMAN)

# KIT 441

The Technical Materiel Corporation offers a solenoid Delay Kit "DEADMAN" KIT441 for its AN/FRT-39 and the AN/FRT-93 transmitters. KIT441 is designed to increase the reliability and life of the AN/FRT-39 and AN/FRT-93 transmitters.

### POINTS OF INTEREST FOR KIT 441 ARE AS FOLLOWS:

- 1) Removes AC power to the solenoid SZ100 after initial turn on. The solenoid will operate continuously on a low powered DC supply, thus all but eliminating failures due to over-dissipation or misalignment.
- 2) Protects the transmitter from unwanted kick downs due to transient line voltages. This is accomplished by delaying the solenoid dropout for a predetermined time period.
- 3) Protects the transmitter from unwanted kick downs due to unstable air switch operation.
- 4) Increases the life of the H.V. contacts and power supply components. This is accomplished by assuring that the contactors are disengaged before discharging the H.V. capacitors.



**THE TECHNICAL MATERIEL CORPORATION**

CABLE: TEPEI

700 FENIMORE ROAD, MAMARONECK, NY 10543 U.S.A.

TLX: 137-358

TEL.: 914-698-4800

TWX: 710 566 1100