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Certificate No. FS 40476

Wiltshire RFD 228

UNIVERSAL RECEIVER TYPE 681



The Universal Receiver Type 681 is a universal breech, which accepts barrels of different calibres made to fit the NATO M2 Receiver. It has an insulated firing pin with adjustable protrusion and adjustable head-space. To enable the measurement of chamber pressure to be taken, the Universal Receiver Type 681 has a channel cut into the block to accommodate a Kistler 6215 transducer. This provides a more detailed analysis of what is happening during firing. Additionally, the test barrels can be removed without having to remove the transducer from the barrel. The receiver has an electrical (solenoid) firing unit which interfaces to the WBS Range Control Box Type 681. In addition the receiver can be fired manually.

The receiver sits on a tripod mount which provides adjustment in azimuth and elevation and the fixing holes in the feet allow for secure mounting to a floor or base plinth.

This equipment has been developed for use with the MS Instruments PLC Ballistic Data Analysis System (Type 680).