

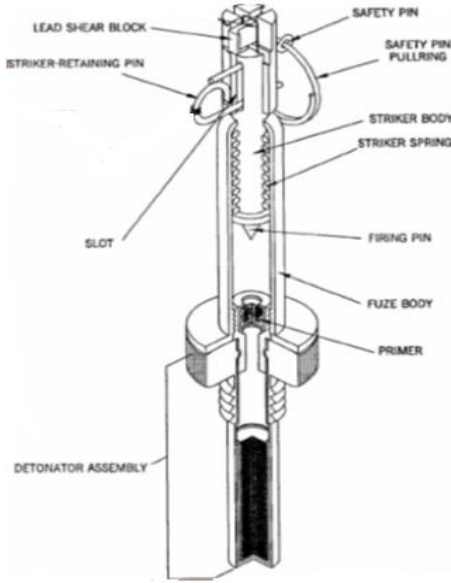
MUV-2 Grenade Fuze Threat



دولت جمهوری اسلامی افغانستان راپور فوری و مهم مبارزه با خطر ماین

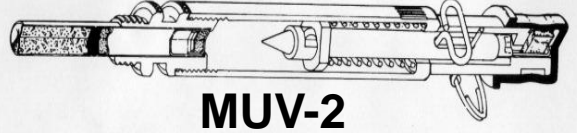


(UNCLASSIFIED)



(UNCLASSIFIED//FOR OFFICIAL USE ONLY) The MUV-2 Fuze has a built-in safe-to-arm delay. The delay is started when the looped safety pin has been removed. Once the safety pin is removed, a wire loop attached to the top of the striker, which is under tension from the firing spring, will begin to cut through a lead metal strip. Once the lead strip is cut, the striker moves forward and will rest on the actuator pin. When the MUV-2 fuze is used as a time delay device, both the safety pin and actuator are removed. At ~20 degrees Celsius, the delay can last between 7 minutes and 130 minutes with the standard lead strip.

(UNCLASSIFIED)



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Courtesy of Jane's Defense 2003

(UNCLASSIFIED//FOR OFFICIAL USE ONLY) MUV-2 is an initiator intended for use with mines or booby traps, which incorporates a **lead-shear delay element**. The fuze has a tubular body, housing a spring-loaded striker, which protrudes from one end of the body and has a slot through it to accept two pins. A tubular sleeve fits over the end of the striker, with holes for the pins and slots to accept a small lead strip in the end. The lead strip passes through a loop of thin wire fastened to the end of the striker and a black rubber cap covers this part of the assembly. The open end of the fuze body is internally threaded to accept a range of stab-sensitive detonators and igniter assemblies. Once armed, the fuze can function by pull or pressure. The pull mode is normally used with booby traps and fragmentation or bounding mines; pressure operation is used with box mines. MUV-3 is similar to MUV-2, but has a horseshoe-shaped spring clip fitted to the actuating pin to increase the force required to extract it.

Once arming has commenced, this fuze cannot be neutralized!

ASSESSMENT

(UNCLASSIFIED//FOR OFFICIAL USE ONLY) The delay for this fuze is a variable type. The fuze, once armed, is significantly affected by vibration and changes in temperature. The standard delay strip may vary from 7 to 130 minutes. Criminals and Terrorist Networks have routinely incorporated the MUV-2 into suicide vests with the fuze placement either across the Suicide Bomber's chest or taped to the Suicide Bomber's arm. Non-EOD trained forces should not approach the body of a suspected suicide bomber or any suspected activated Suicide Borne Improvised Explosive Device. Due to the proliferation of this fuze, All INS equipment should be suspected booby-trapped.

(UNCLASSIFIED//FOR OFFICIAL USE ONLY) ALL SECURITY FORCE personnel should...

UTILIZE ALL AVAILABLE DETECTION & FORCE PROTECTION MEASURES INCLUDING VISUAL INDICATORS, EXCLUSION DISTANCES TO PROTECT AGAINST SUICIDE BORNE IMPROVED EXPLOSIVE DEVICES (SBIED). ALL CRIMINAL AND TERRORIST GROUND ATTACKS SHOULD BE EXPECTED TO INCLUDE SBIEDs. DO NOT PHYSICALLY APPROACH DEAD BODIES OF SUSPECTED SUICIDE BOMBERS. ALL ANSF EOD TRAINED FORCES WILL ADHERE TO STANDARD DELAY INITIATED FUZE WAIT TIMES OF MINIMUM TWO (2) HOURS BEFORE PHYSICALLY APPROACHING DEAD SUICIDE BOMBERS OR DEVICES SUSPECTED OF USING THE MUV-2 FUZE. THIS WAIT TIME DOES NOT APPLY TO ROBOTICS AND REMOTE PROCEDURES.

راپور فوری و مهم مبارزه با خطر ماین