

Motorola Israel Ltd. **Government Electronics Department (GED)**

260 MULTI-FUNCTION PROGRAMMABLE FUZE

The 260MF is a programmable electronic Impact Delay Fuze. The Fuze provides manually and electronically selectable arm and function times. It is designed for application requiring survival after the munition has penetrated a hard target and for application in air burst munitions with the addition of a separate proximity sensor. The Fuze has short and long function delay times (0 to 48 hours). It can be installed in either the nose or tail fuze well of the bomb and has an air driven turbine alternator power source and a cable. The Fuze is compatible with GP and GBU bombs.

Features which contribute to successful use of the Fuze are: Delay after impact accuracy, flight and ground safety, ease of preparation for flight, minimum inspection and handling in storage.



980 LOW ALTITUDE PROXIMITY FUZE (LAPF)

The 980 Low Altitude Proximity Fuze (LAPF) is intended to provide a proximity function for the MK – 80 high explosive bombs series. The proximity function increases dramatically weapon effectiveness against soft and light targets. The Fuze is a self-powered, microprocessor controlled and contains radio frequency radar. The Fuze Height of Burst (HOB) is 10 meters (nominal). It is independent of terrain reflectivity and is immune to battlefield disturbance. The Fuze contains an impact back up operation mode.

The Fuze housing has a cylindrical shape that fits to a nose 3 inch G.P. bomb fuze well.

The 980 Low Altitude Proximity Fuze (LAPF) has NATO codification



IMPACT DELAY FUZE ID269

The ID269 Impact Delay Fuze is a microprocessor controlled electronic device, based on the ID 260 family Fuzes. The Fuze is designed for use in applications requiring survival of the Fuze after the munition has penetrated a hard target.

The Fuze is used for general purpose bombs, MK-80 series and M117 type, or guided munitions. It may be used with other bombs having standard 3 inch fuzewells.

The Fuze can be installed in either the nose or tail fuzewell of the bomb with the addition of an air driven turbine alternator power source, installed in the bombs charging well and activated by a Lanyard cable and a cable.



Safe and Arm for "ARROW"

The Safe and Arm for "ARROW" is a SAU that was designed to meet the special requirements for safety and reliability of the ARROW missile.

The SAU is fully redundant mechanism. A special safety mechanism (Set Back) is preventing arming before launching. The SAU receives the arm and fire pulses from the main system controller.

