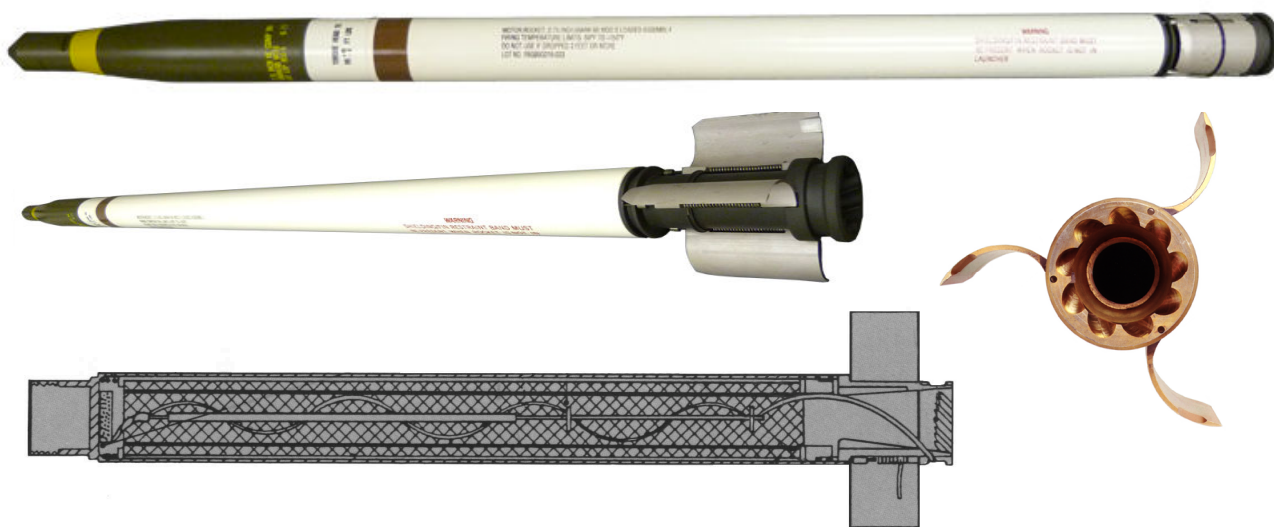


MK66 2.75 INCH ROCKET MOTOR

WAFAR (WRAP AROUND FIN AERIAL ROCKET)



TECHNICAL CHARACTERISTICS MK66 MOTOR

LENGTH (mm)	1060
MASS (kg)	6.17
PROPELLANT	AA2 Double Base
BURN TIME (sec) <i>(at 25 °C)</i>	1.05 - 1.10
AVERAGE THRUST (kg) <i>(at 25 °C)</i>	589.7 - 621.4
IMPULSE (kg/sec) <i>(at 25 °C)</i>	680
MOTOR BURNOUT RANGE (m)	397
MOTOR BURNOUT VELOCITY (m/s)	739
SPIN RATE AT LAUNCH (RPM)	600
SPIN RATE IN FLIGHT (RPM)	2100
TEMPERATURE LIMITS OPERATION (°C)	-45 to +65
TEMPERATURE LIMITS STORAGE (°C)	-53 to +73
MAXIMUM RANGE (m)	10426

PACKING / PACKAGING

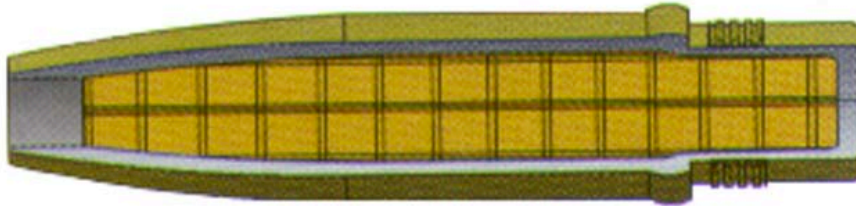
**One rocket motor in a fiber container. Six fiber containers in wooden crate.
Crate dimensions 1235 mm X 302 mm X 236 mm. Crate mass total 66.2 Kg
Hazard Class 1.3C - UN No. # 0186**

ROCKET LAUNCHERS & PLATFORMS COMPATIBLE

**M-Series LWL Light Weight Launchers M260 (7-tube) M261 (19-tube) for
rotary wing platforms AH-64 Apache, AH-1 Cobra, MD500, S-70, UH-60**

**LAU-series for fixed wing jet & turboprop aircraft and rotary wing.
Types LAU-131 / LAU-68 (7-tubes) and LAU-130 / LAU-61 (19-tubes)**

M151 H.E WARHEAD FOR 2.75 INCH ROCKET WAFAR (WRAP AROUND FIN AERIAL ROCKET)



TECHNICAL CHARACTERISTICS M151 H.E WARHEAD

LENGTH (mm) Without Fuze	328
LENGTH (mm) With Fuze	429 to 474
MASS (kg)	4.2
TYPE of High Explosive	COMP B
MASS (kg) High Explosive	1.04 Kg
FRAGMENTS (Number Average)	700
TEMPERATURE LIMITS OPERATION (°C)	-45 to +65
TEMPERATURE LIMITS STORAGE (°C)	-53 to +73
FUZE IMPACT PD	M423 / M427 & others compatible
BOOSTER	RDX Class C

PACKING / PACKAGING / MARKINGS WARHEAD

One warhead in fiber container.

Eight fiber containers in wooden crate.

Crate dimensions 400 mm X 190 mm X 460 mm.

Crate mass total 28 Kg

Hazard Class 1.1D UN No. # 0286

Opaque dark green color and inscriptions in opaque yellow.

M423 / M427 NOSE POINT DETONATING FUZE FOR M151 HE WARHEADS 2.75 INCH ROCKETS



Fuze Specifications	
Total Mass	311 g
Overall length	99 mm
Largest diameter	45 mm
Firing System	Impact
Mechanical Arming System	Inertial
Booster Length	25.8 mm
Acceleration for unlocking	20 "g"
Minimum time for Arming Integration	900 ms (at 40 "g")
Maximum time for Arming Integration	1300 ms (at 40 "g")

PACKING / PACKAGING FUZE

One fuze in fiber container.
Twenty four fiber containers in wooden crate.
Crate dimensions 570 mm X 410 mm X 220 mm.
Crate mass total 15 Kg
Hazard Class 1.1B
UN No. # 0106