

**SMAWNE**  
NOVEL EXPLOSIVE

# Thermobaric Urban Destruction

**First  
Fielded  
in IRAQ**

SMAW-NE Tactical Rocket

**Talley**   
Defense Systems



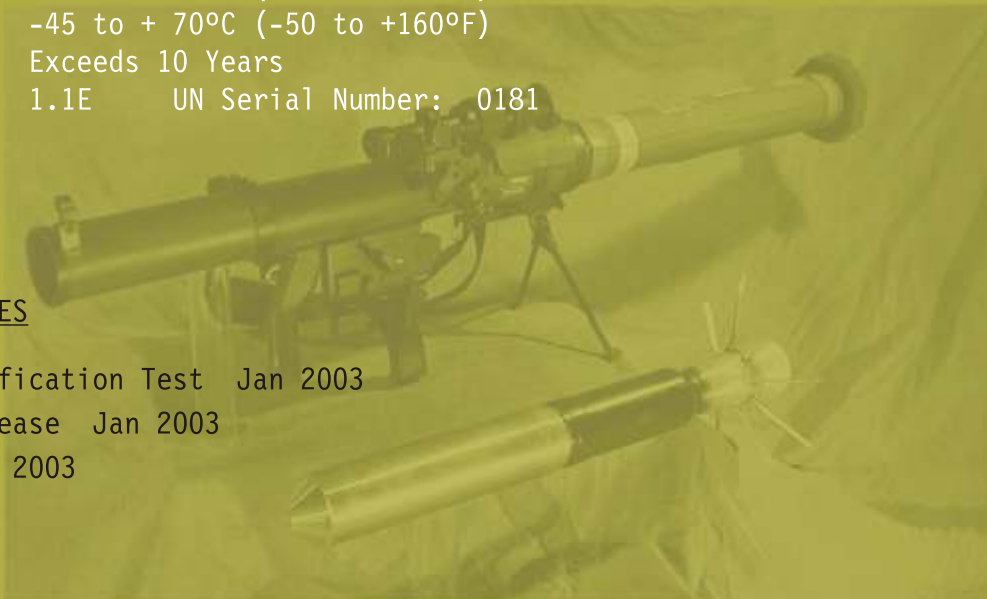
## SMAW-NE Dynamically Destroying a 2-Story Building

### KEY WEAPON CHARACTERISTICS

Nomenclature:	Rocket, Encased SMAW-NE Mark 80 Mod 0
	NSN: 1340-01-503-0809     DODIC: HA34
Caliber:	83 mm (3.26 in.)
Carry Length:	812 mm (32.0 in.)
Weight:	8.6 kg (18.9 lb.)
Warhead:	Novel Explosive Dual Purpose
Explosive:	1.8 kg (4.0 lb.)     PBXIH-135
Fuze:	Mk 420 Dual Safe, Self Discriminating on Target Impact
Range:	- Max     250 m
	- Minimum:     50 m
Muzzle Velocity:	152 m/s (500 ft/s)
Operating Temp:	-32 to + 60°C (-25 to +140°F)
Storage Temp:	-45 to + 70°C (-50 to +160°F)
Shelf Life:	Exceeds 10 Years
Hazard Classification:	1.1E     UN Serial Number: 0181

### SIGNIFICANT PROGRAM MILESTONES

- Initial Production Qualification Test     Jan 2003
- Conditional Material Release     Jan 2003
- First Unit Equipped     Feb 2003



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P.O. Box 34299 • Mesa Arizona 85277 • 480-898-2200 • FAX 480-898-2358  
[www.talleyds.com](http://www.talleyds.com)