



01 / PRODUCT OVERVIEW

vAF-M17 / vFI-M17

vAF-M17 aerial bomb fuze with vFI-M17 initiator



FIG 01 PRODUCT CONFIGURATION

**Fuze: ~2 kg;
Initiator: ~0.4 kg**

WEIGHT

**Inertial electro-mechanical
fuze with microcontroller and
interrupted explosive chain**

FUZE TYPE

**MK-82, MK-84 and
BLU-109**

BOMB COMPATIBILITY

2000 m

MINIMUM BOMBING ALTITUDE

01.1 / OVERVIEW

An inertial electro-mechanical aerial bomb fuze with a microcontroller and an interrupted explosive chain that keeps the detonator physically isolated until arming, paired with a top-mounted initiator, offering arming delays from 2 to 25 seconds and detonation delays from instantaneous to 1000 seconds.

TYPE

Fuze

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

vAF-M17 / vFI-M17 / AMMUNITION

IDENTITY AND CONSTRUCTION

Fuze type	Inertial electro-mechanical fuze with microcontroller and interrupted explosive chain
Fuze-set configuration	One or two vAF-M17 bodies mounted in the bomb nose and/or tail, connected to a top-mounted vFI-M17 initiator

BALLISTIC PERFORMANCE

Accuracy of the arming time	±5%
Accuracy of the detonation delay time	±8%

DIMENSIONS, MASS AND SUPPLY

Functional and dimensional equivalents	M-904, M-905, FMU-152 and FMU-139
Weight	Fuze: ~2 kg; Initiator: ~0.4 kg
Dimensions	Fuze: 165 mm, Ø70 mm; Initiator: 68 mm, Ø52 mm

ADDITIONAL TECHNICAL DATA

Bomb compatibility	MK-82, MK-84 and BLU-109
Minimum bombing altitude	2000 m
Minimum flight speed	200 km/h
Safety standard	MIL-STD-1316
Environmental qualification	MIL-STD-331D and MIL-STD-810
Safety	Activation only after arming and target impact
Operation mode	ACTIVE: electrically initiated; PASSIVE: no arming and no detonation
Impact limit	Adjustable from 10g up to 200g; Duration of the impact >10ms
Arming delay time	2, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25 seconds.
Detonation delay time	Instant, 0.01, 0.025, 0.05, 0.06, 0.1, 0.18, 0.25, 0.75, 10, 60, 600 and 1000 seconds
Working conditions	T = -40 °C to +70 °C at 100% humidity
Storage conditions	T = -55 °C to +70 °C at 100% humidity