



01 / PRODUCT OVERVIEW

vFAB-1000-4

1000 kg general purpose aerial bomb vFAB-1000-4

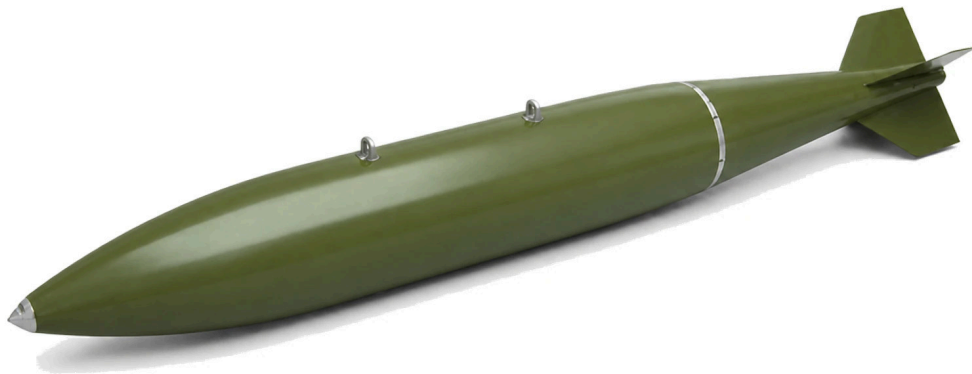


FIG 01 PRODUCT CONFIGURATION

**869 kg without tip;
872 kg with tip**

BOMB-BODY MASS

**2484 mm without tip;
2551 mm with tip**

BODY LENGTH WITHOUT STABILISER

**3695 mm without tip;
3761 mm with tip**

LENGTH WITH STABILISER

457 mm

MAXIMUM BODY DIAMETER

01.1 / OVERVIEW

A 1000 kg demolition-fragmentation ballistic aerial bomb that defeats surface and buried objects by shock wave and steel-mantle fragments, supplied with stabiliser, two suspension lugs, protective transport plugs and transport packaging, and usable unguided or as a guided bomb warhead.

TYPE
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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

vFAB-1000-4 / AMMUNITION

IDENTITY AND CONSTRUCTION

Fuze	One NATO-standard aft fuze
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BALLISTIC PERFORMANCE

Operating temperature	-40 to +70 deg C
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DIMENSIONS, MASS AND SUPPLY

Body length without stabiliser	2484 mm without tip; 2551 mm with tip
Length with stabiliser	3695 mm without tip; 3761 mm with tip
Maximum body diameter	457 mm
Bomb-body mass	869 kg without tip; 872 kg with tip
Gross mass with stabiliser	905 kg without tip; 908 kg with tip
Nominal explosive-charge mass	425 kg

ADDITIONAL TECHNICAL DATA

Stabiliser-fin span	628 / 456 mm
Suspension-lug clearance	762 mm (30 in)
Explosive options	TNT, Composition B or Tritonal
Bombing speed	130 to 310 m/s
Aircraft-carrier compatibility	At least 1000 kg payload and 762 mm (30 in) rack-hook spacing
Aiming-system compatibility	Basic or modern aiming systems
Minimum storage life	20 years at -40 to +70 deg C and up to 100% humidity
Inspection interval	5 years