



# FAB-100 M80 HE free-fall INS/GPS guided bomb



FAB - 100 M80 HE bomb is intended for attack against targets of medium fortification level, such as industrial facilities, railroad junctions, roads, command posts, bridges or personnel.

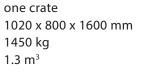
The bomb may be released safe or armed at speed up to 1000 km/h.

## Technical data:

• Bomb type	FAB-100 M80
• Diameter	230 mm
• Length	1490 mm
<ul> <li>Hook spacing</li> </ul>	
(adaptable to A/C bomb rack)	250 and 355.6 mm
Weights	
<ul> <li>Without fuzes</li> </ul>	117 kg
Main explosive charge (TNT)	39 kg
Fuzes	
• Type AVU-ET	1 or 2
• Type AUFK	1 or 2

## PACKING

- 12 bodies (4 x 3)
- Case dimension
- Case gross weight
- Case volume
- 12 Fins (24 hooks)
- Case dimension
- Case gross weight
- Case volume
- UN No.
- Hazard class



one crate 1160 x 900 x 760 mm 170 kg 0.8m<sup>3</sup> 0034 1.1D

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## Aerodynamic guidance kit BNB-015IZ characteristics:

Aerodynamic guidance kit for bombs BNB-015IZ is used to increase the effectiveness of conventional aviation bombs combat application against stationary and low-dimension targets. It is designed for bombs of 200lb (~100kg), 500lb (~250kg) and 1000lb (~500kg) caliber.

#### Goals

- · Bomb hit accuracy increase;
- Fast conversion of conventional bombs to correction;
- · Planes/Flights/Bombs reduction for stationary low-dimension targets hitting;
- Platform (base) for different guidance systems.
- · Can be installed on M54, M62, M79, Mk8x bomb models

#### Features

- Application on 200, 500 and 1000lb bombs;
- Combined guidance system (inertial + any satellite navigation system);
- Four control surfaces (canards) for bomb flight control at calculated trajectory;
- Possibility for other types of guidance system use such as TV(CCD), IIR, laser, etc.;
- Target hitting accuracy is comparable with value for specialized correction aviation bombs.

### **TECHICAL DATA**

Designation Applicable altitude (m) Applicable airspeed Continuous working time in autonomous flight (s) Guidance system onboard continuous work time (hours) Power supply Operating temperature (°C) Operating pressure (mm Hg) Operating altitude drop (m) Operating humidity (%) Weight (kg) Navigation system CEP (Circular Error Probability) Readiness time (installation, check, target coordinates input) Guidance initiation

BNB-015IZ 1000 - 6000 500 to 800 km/hnot less than 60 4 6 VDC, < 25 W -50 to +70up to 15 up to 9000 up to 98 at +35°C 25-31 (depends on design solution) inertial + satellite (GPS, GLONASS)  $\sim 15 m$  < 30 minelectrical or mechanical

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Should you have any further enquires, please do not hesitate to contact us at **office@yugoimport.com** All the data given in the brochure are for information purposes only. The final configuration and/or technical specification are defined for each contract individually.