



01 / CAPABILITY OVERVIEW

BNB-015IZ

Aerodynamic guidance kit for aircraft bombs BNB-015IZ



FIG 01 PRODUCT CONFIGURATION

**25-31 kg (depends
on design solution)**

WEIGHT

BNB-015IZ

DESIGNATION

**200, 500 and 1000 lb;
M54, M62, M79, Mk8x
bomb models**

APPLICABLE BOMBS

1000 – 6000 m

APPLICABLE ALTITUDE

01.1 / OVERVIEW

An aerodynamic guidance kit that converts conventional 200 lb (~100 kg), 500 lb (~250 kg) and 1000 lb (~500 kg) aviation bombs into corrected bombs against stationary and low-dimension targets, using a combined inertial and satellite navigation system with four canard control surfaces, and serving as a platform for other guidance systems such as TV (CCD), IIR or laser.

TYPE

Aerodynamic bomb guidance kit

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

BNB-015IZ / TECHNICAL EQUIPMENT

INTERFACES AND OPERATION

Power supply	6 VDC, < 25 W
Operating temperature	-50 to +70 °C

PHYSICAL DATA

Weight	25-31 kg (depends on design solution)
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ADDITIONAL TECHNICAL DATA

Designation	BNB-015IZ
Applicable bombs	200, 500 and 1000 lb; M54, M62, M79, Mk8x bomb models
Applicable altitude	1000 – 6000 m
Applicable airspeed	500 to 800 km/h
Continuous working time in autonomous flight	not less than 60 s
Guidance system onboard continuous work time	4 hours
Operating pressure	up to 15 mm Hg
Operating altitude drop	up to 9000 m
Operating humidity	up to 98 % at +35 °C
Navigation system	inertial + satellite (GPS, GLONASS)
CEP (Circular Error Probability)	~ 15 m
Readiness time (installation, check, target coordinates input)	< 30 min
Guidance initiation	electrical or mechanical
Control surfaces	four canards