



FMU-167/B

Hard Target
Void Sensing Fuze

OVERVIEW

The U. S. Air Force's next generation electronic Hard Target Void Sensing Fuze (FMU-167/B) is a cockpit programmable, hardened for survivability, intelligent fuze that provides the capability for hard target defeat weapons to destroy deeply buried targets. It also provides the aircrew with the ability to detonate penetrating bombs at various levels within multi-story target facilities. The FMU-167/B overcomes target data uncertainties to defeat hard and deeply buried targets, and reduces the number of weapons required to achieve target defeat objectives.

APPLICATIONS

The FMU-167/B provides an intelligent void sensing function, programmable arming and time-delay functions for 2,000 and 5,000 pound air-delivered penetrating weapons used by the U. S. Air Force and Navy. Current penetrating weapons include the BLU-109 and BLU-113.

FEATURES & BENEFITS

- Extreme shock survivability
- Impact penetration survivable for penetrating bomb
- Consistent void sensing performance
- Advanced solid state electronics
- In-line fuze design; no moving parts
- Meets MIL-STD-1316 safety requirements
- Insensitive Munitions (IM) compliant
- Dual independent validation of safety environments for arming

TECHNICAL DATA

Programmability: Cockpit via weapon tail kit
Detonation mode: Selectable void detection; backup timer; time delay
Backup timer: Ensures no unexploded ordnance
Service life: 10 years
Shelf life: 20 years
Weight: 6.3 lb (2.6 kg)
Size: Fits standard 3-inch fuze well
Power Supply: FZU-60 Air Stream generator; no stored energy



System includes fuze, FZU-60, closure ring and lanyards

FMU-167/B

NSN 1325-01-632-0205

SYSTEM PART NUMBER (P/N) 28087858

PACKAGE CONTENTS	NSN	P/N (INDIVIDUAL)
Fuze System, FMU-167(D-1)/B	1325-01-632-0206	28085615
Fuze System, FMU-167(D-2)/B	1325-01-627-8603	28085220
Fuze System, FMU-167(D-5)/B	1325-01-632-0208	28084468
FZU-60/B	1325-01-632-0204	28086417
Lanyard Assembly	1325-01-632-0209	28085592
Lock Ring, FMU-167/B	1325-01-632-0207	28080653
CNU-742/E Container	8140-01-645-0457	28088920

For more information, contact:

Harmon Stockwell
Email: harmon.stockwell@ngc.com
Phone: 321-604-5843

Mitchell Rebman
Email: mitchell.rebman@ngc.com
Phone: 520-975-5513

