

# Gator

Day & Zimmermann has produced and is fully capable of full production of the CBU-89 A/B GATOR for the US Air Force, and other State Department approved customers.

**USE:** The GATOR mine system is a US system of air-dropped anti-tank and anti-personnel mines developed in the 1980s to be compatible with existing cluster dispensers. It is used with two dispenser systems—the Navy 230 kg (500 lb) CBU-78/B and the Air Force 450 kg (1,000 lb) CBU-89/B. Additionally the mines are used with the land- and helicopter-based Volcano mine system.

**DESCRIPTION:** In use the bombs are dropped from aircraft flying at speeds between 370 and 1,300 km/h (200 and 700 kn), and at altitudes of between 100 and 1,200 meters. An FMU-140/B fuze controls the opening of the dispenser at one of 10 predetermined altitudes between 90 m and 900 m using a doppler ranging radar or alternatively a 1.2 second time fuse. Mine arming begins when the dispenser opens with the activation of the mines' vanadium pentoxide batteries. The circular mines have a rectangular plastic "aeroballistic" adaptor. Once the mines reach the ground they arm in between 1.2 and 10 seconds. The mines self-destruct after a preset time which can be set to 4 hours, 15 hours or 15 days. Any that do not will become disabled after 40 days when the batteries discharge fully.

## SPECIFICATIONS:

Weight:	710 lbs
Length:	92"
Diameter:	15.6"
BLU 91/B A/T Mine	72
A/T Mine Comp:	1.25 lbs PBX-0280/Mine
BLU 92/B A/P Mine	22
A/P Mine Comp:	0.9 Lbs Comp B4/Mine
NSN:	1345-01-225-0685-K290



**Day & Zimmermann**

*We do what we say.®*

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