

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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