

SS2931 Jammer Communications Attachment (Jamcat)

The SS2931 Jamcat is an electronic warfare attachment designed to be used with any combat net radio to provide a low cost EW capability. Jamcat can also be used as a training attachment. In this role it can be set up to simulate ECM signals typical of those found in a battlefield situation.

In its combat role Jamcat can be connected into the audio/keying input of most transmitters, regardless of power output, to transform normal communications equipment into an EW jammer. Jamcat has four modes of operation. In the manual mode the press to talk key is used to produce jamming signals on demand. The continuous mode produces signals without operator intervention. The responsive mode uses an internal

signal activated switch to key the transmitter for a short period when a signal is received during a short look-through period. In the fast look-through mode Jamcat simulates the effect of a fast look-through responsive jammer.

Power supplies are from a clip on battery pack, a vehicle system or from the transceiver in use. The system will operate from 15 V DC, 21 V DC, or 11 to 32 V DC. It consumes 60 mW maximum. Jamcat measures 170 x 140 x 70 mm without battery pack and the height increases to 270 mm with battery pack. Jamcat weighs 1 kg without battery and 2.1 kg with battery.

STATUS

Bought by the Canadian Department of National Defense in 1987.

Manufacturer

Racal Radio Ltd, Reading.
