

MACHINEGUN-OBSERVATION BUNKER

Purpose: The earth-covered and sand-bagged bunker depicted in the Civil Details in the Appendix of this document, simulates a typical enemy defensive machinegun bunker.

Description: Each machinegun bunker should be accompanied by one SIT, one night muzzle flash simulator (NMFS), and one infantry hostile fire simulator (IHFS). The SIT, NMFS, and IHFS should be positioned in a manner that will draw attention to the bunker. To accommodate the standard design, the SIT, NMFS, and IHFS must be located outside of the bunker.

Bunker Construction: The bunker should be constructed of wood. The bunker should have at least three walls with a side opening for repair and practice grenade retrieval. The exterior beams of the bunker should be attached so that damaged beams can be replaced easily. The designer must perform all structural calculations for the bunker design. (The SIT emplacement with an ITM and the IHFS and NMFS machinegun simulators must be located outside of the structure.)

Bunker Siting Criteria: Bunker emplacements should be sited on ascending slopes in order to facilitate proper concealment of the bunker's defensive position. Bunkers should be strategically located, using the natural terrain's protective cover and camouflage properties. The trench network should also interconnect a supply or communication line (trench) with the bunker. See the Civil Details for a suggested ascending-slope bunker emplacement design.