



STATIONARY INFANTRY TARGET (SIT)

Meggitt Training Systems' Stationary Infantry Target (SIT) is a remote controlled pop-up target actuator, capable of supporting US Army type-E, F and 3-D targets, as well as fig 11, fig 12 and fig 15 NATO target silhouettes. The SIT actuators are addressed individually and can be controlled individually, in unison, or in groups; either manually or as part of a pre-programmed scenario. The infantry targets adapt to a variety of range environments, infrastructures and operational constraints, and do not contain hydraulic fluids, contaminants or hazardous toxins.

With more than 44,000 infantry target systems successfully fielded throughout the world, Meggitt's target designs are factory configured to support the communication method and power requirements specified for each range. Lightweight and portable, SITs are easily transported and stacked for deployment or storage. The SIT performs all standard target commands such as expose, conceal, hit-fall, hit-hold and hit-bob. The user can easily program any combination of commands in scenario mode without affecting the default settings.

Capable of operating as a master or slave target with up to 100 individual SITs assigned to a group, the target group can be commanded to respond in unison. In doing so, a hit on one target can cause all targets in the group to fall, or respond as otherwise commanded. Each target within a group retains its own unique address and reacts to commands individually. There is no need for cabling to interconnect target mechanisms in the master/slave configuration.

Each target's hit sensitivity can be selected remotely from the Meggitt Range Control System (RCS), allowing it to adapt to a vast array of munitions. The actuator reports attributes, status, and hit data back to the RCS in real time, allowing for quick adjustments in training situations.



SIT Specifications

| Specification | Value |
|------------------------|---|
| Communication System | VHF, UHF, Ethernet, Serial (factory configurable) |
| Hit Sensing | 600 hits/minutes |
| Hit Sensitivity | Remotely adjustable |
| Expose/Conceal Time | Less than 1 second |
| Target Type | All industry standard US Army, NATO targets and 3D Ivan |
| Max Target Weight | 10 lbs (4.5 kg) |
| Wind | 35 mph (56 kph) safe operation |
| Power | 12VDC, 120VAC 60hz, 230/240VAC 50/60hz |
| Weight | 50 lbs or 22.6 kg (excluding battery) |
| Dimensions (exposed) | 12" W x 18" L x 20" H (30 x 46 x 51 cm) |
| Dimensions (concealed) | 11" W x 18" L x 24" H (28 x 46 x 61 cm) |
| Watertight | IP65 |
| Operating Temp Range | -20°F to 140°F or (-29°C to 60°C) |
| Other | Supports optional add-on muzzle flash, moonlight simulators and MILES equipment |
| Option(s) | Available in double target arm to present two targets simultaneously |

Examples of Fielded SITs

