



## POP-UP TURNER TARGET (TSIT)

Meggitt Training System's Pop-Up Turner Target (TSIT) is a 360° turning/pop-up target actuator capable of displaying friend and foe silhouette presentations. Lightweight and portable, the TSIT can be easily transported and stacked for deployment or storage. Meggitt's TSITs are reliable and flexible, supporting both skills qualifications, shoot – don't shoot, and more complex unit collective training events. Standard target commands are available for the TSIT, including expose, conceal, hit-fall, hit-hold, and hit-bob, and can be easily programmed in scenario mode without affecting the default settings. The TSIT also features 360° target rotation, in 15 degree increments, including hit-edge and hit-edge-face.

Adapting to different range environments, infrastructures, and operational constraints, Meggitt's TSIT can operate as a master or slave target with up to 100 individual targets assigned to a group. No cabling is necessary to interconnect target mechanisms in the master/slave configuration. Users can instruct a target group to respond in unison so a hit on one target causes all targets in the group to fall or respond as commanded. Each target within the a group retains its own unique address and reacts to commands individually. Target attributes can also be temporarily changed as part of a pre-programmed scenario without affecting the defaults.

The Range Control System (RCS) allows the remote selection of each target's hit sensitivity to adapt to a vast array of munitions. The hit sensor can detect up to 600 hits per minute, and the actuator reports attributes, status and hit data back to the RCS in real time. This allows the range operator to preemptively change training scenarios to adjust to the performance of the users.



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## TSIT 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 and NATO targets and 3D Ivan
Max Target Weight	10 lbs or 4.5 kg
Wind	35 mph (56 kph) safe operation
Power	12VDC, 120VAC 60hz, 230/240VAC 50/60hz
Weight	48.5 lb (22 kg) excluding battery
Dimensions (exposed)	18" (457 mm) L x 29.25" (743 mm) W x 12.5" (318 mm) H. Requires 6" of elevation for floor mounting
Dimensions (concealed)	21.5" (546 mm) L x 18" (457 mm) W x 9.5" (241 mm) H. Requires 6" of elevation for floor mounting
Watertight	IP65
Operating Temp Range	-20F to 140F or ( -29C to 60C )
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 TSITs

