

Aeromechanical Systems > Towed Targets

LTC-3 Tow Target Launcher



The Meggitt Defense Systems LTC-3 launchers are intended for use in towing one-way targets from drone aircraft. The LTC-3 launcher has a deploy function (for initially deploying the target from the launcher), and a cut function to release the towline and target at the end of a mission. The launcher has a female receptacle to accept a standard target ball-lock pin. It is operated with a pyrotechnic deploy cartridge for the “deploy” function, and a pyrotechnic bellows actuator for the “cut” function. The launcher also contains an ignition unit that is used to ignite an IR target such as TIX-4. The user selects which type of target is used (IR vs. Radar) to enable or disable the ignition unit. The unit has adjustable sway braces to apply the correct pressure against the specific tow target body diameter.

While currently a pure RF target, future developments include an IR version for air-to-air IR missiles such as AIM-9 and Magic.

Key features

- Simple design and construction insure high reliability and low-maintenance operation.
- Designed for use on drone aircraft. Specific configurations exist for MQM-107D, MQM-107E, and BQM-167A.
- Lightweight design minimizes inert launcher weight, maximizing usable captive target weight.
- Designed to work with MDSI one-way targets such as TRX-4A, TIX-4, JCHAAT, and POTA-Tow.

Meggitt Defense Systems

Our product competencies and services:
Ammunition Handling Systems | Thermal Management | Countermeasures | Towed Targets | Electronic Systems

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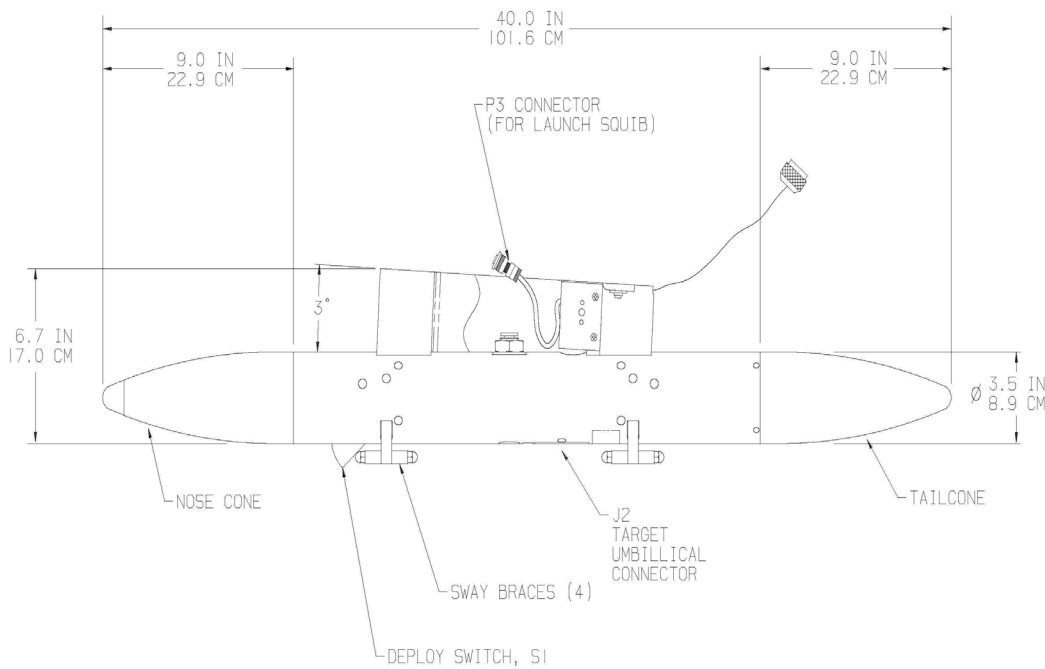
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Specifications

Diameter	3.5 inches
Length	40 inches
Weight	14 lbs approximately

The Meggitt Defense Systems LTC-3 target launcher provides a unique and proven capability for towing one-way targets from drone aircraft.



Key features

Meggitt Defense Systems

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Specification subject to change - TCO Review #94

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