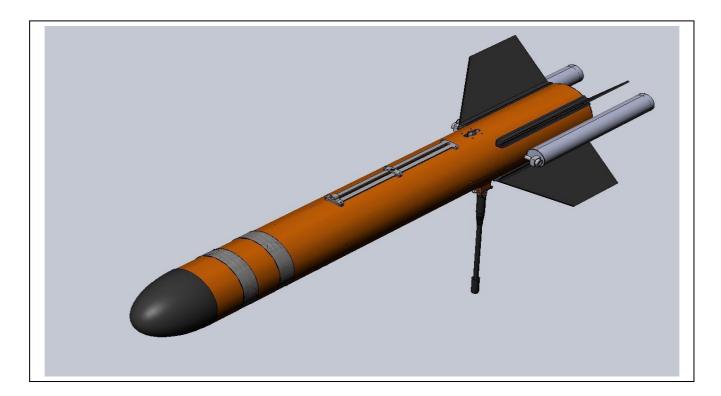


UAV TOWED TARGET



The UAV Towed Target is intended to be towed behind a target drone/UAV. The target can have up to 2 IR flares or smoke attached to the target body (the flares are consumables and shall be ordered separately).

The target includes MDI AS-136/12U, which is a high-performance Acoustic Miss Distance Indicator. The MDI scores supersonic projectiles as well as supersonic missiles by detecting their shockwave. Please note that projectiles and missiles must travel faster than the speed of sound through the air when passing the target to be scored.

The UAV towed Target is launched from a separate stand parallel to the Target Drone launcher.

The UAV Towed Target is equipped with a parachute for recovery. The parachute, which normally is reusable, is attached in the back of the UAV Towed Target and will be deployed by a recovery servo.

The UAV Towed Target may also be equipped with a sleeve target for extra visibility and/or radar reflectivity. Different sleeves can be attached depending on preferred sleeve size and functionality.

GENERAL

Length	500 – 600 mm			
Diameter	Outer: 75 mm			
	Inner: 72 mm			
Weight chassi	Approx 1.6 kg			
Weight MDI	Approx 0.4 kg			
Weight Parachute	Approx 0.1 kg			
Weight IR flares	Approx 0.8 kg			
Speed	60 – 120 m/s			
Drag without sleeve	~0.75			
Tow Line Dispensing	Reeling out from UAV Towed Target			
Tow Line Length	50 m			

BATTERY INFORMATION

Power Supply	Rechargeable NIMH battery pack
Battery operation time	Max. 2h at +25°C
Supply Voltage	+ 12 VDC
Operation Temperature	-30°C to +55°C
Storage temperature	-40°C to +70°C

DATA

Scoring Capacity	6000 rounds per minute, momentarily more
Scoring Calibers	5.56 mm to 5"+ and missiles
Distance Accuracy	±1 m or max ±15% (on the average) of the actual miss distance, whichever is the greatest

TRANSCEIVER

Carrier frequency	Frequency within 330-473 MHz
Channel separation	12.5 kHz
Radiated power	typ. 1.0 W
Link type	Half-Duplex
Data transfer rate	Radio 9600 bps
Optional	Encryption AES128

CONFIGURATION OPTION

	\ \		/	\
Miss Distance Indicator		Yes		
IR Flares		2		
Smoke		Yes		
Recovery method		Parachu	te	
Sleeve/Banner		Yes		
Radar Reflective Sleeve/Banner		Yes		
GPS		Yes		
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