

Air Defense

Cannon / Missile Scoring System
MRSAT-50



/ Lightweight & modular target

/ ASPI scoring system

/ Towed by aircraft or an UAV system

/ Real time scoring via ground station or in-cockpit system



Delete Burst

| 22/02/11 - 09:54:13 - 994 MPa - 2.2 m - 37" | 40 mm | LT | 29 °C | |
|---|--------------------------------------|--------------|-----------|---------------|
| 22/02/11 - 08:46:33 (15) - 11 sat | 130,911 m - 113,210999999999990 km/h | | | |
| 0 | 48 m | 10 m | Total | |
| 0 | 4 | 10 | 20 | |
| S1:3 | S2:2 | S3:10 | S4:8 | |
| Gap (ms) | Caliber | Distance (m) | Angle (°) | Precision (°) |
| 0 | 40 mm | 0.23 | 14 | 10 |
| 221 | 40 mm | 8.60 | 36 | 10 |
| 232 | 40 mm | 9.72 | 23 | 10 |
| 214 | 40 mm | 10.65 | 31 | 10 |
| 11.06 | 40 mm | 14.33 | 43 | 14.6 |

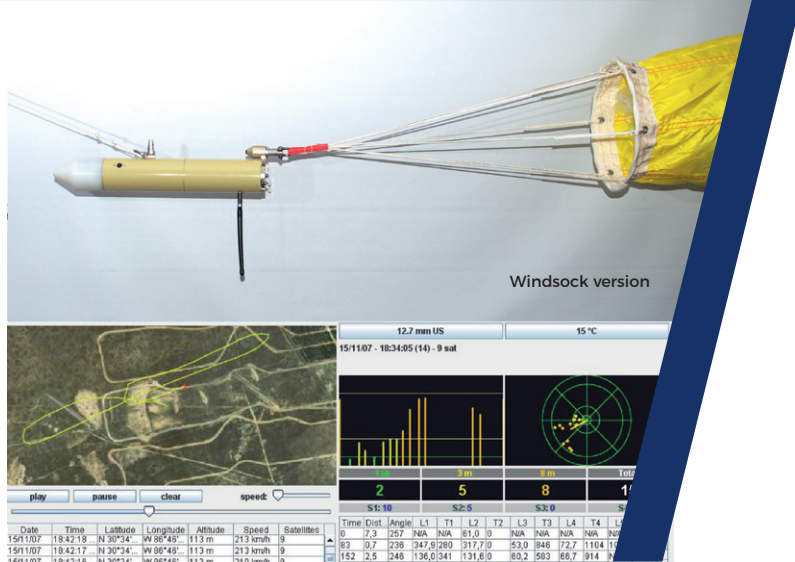
Export



aresia.com

MRSAT-50

Towed Acoustic MDI target



TECHNOLOGY

4 to 8 acoustic sensors

ACCURACY

+/- 5%

WEAPONS & CALIBRES

Cannon - 12,7 to 30 mm and missiles

TRANSMISSION

Wireless

POWER

Internal battery (4 hours battery life)

DIMENSIONS & WEIGHT

Detection module : 500 mm x 80 mm (~3 kg)

APPLICATION

The MRSAT-50 is a lightweight target, modular and aerodynamic, designed for canon and missile training. It is equipped with an ASPI system, a MDI (Miss Distance Indicators) to precisely detect and locate supersonic projectiles of any size.

SCORING

The MRSAT-50 target is equipped with an acoustic scoring system (ASPI) which provides real time scoring of firing events. Users can precisely measure the point that each bullet passes the target (a radius of greater than 10m).

This scoring is provided either by a range safety officer using the ground station or by the towing aircraft using an in-cockpit scoring device.

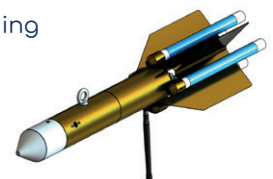
PRODUCT

The target can be deployed from a container or a winch carried under an aircraft, a microlight or even an autonomous unmanned system. The target is equipped with GPS allowing the operator to follow its progress via the ground station.

The MRSAT-50 is modutable and is available in different configurations depending on user requirements.



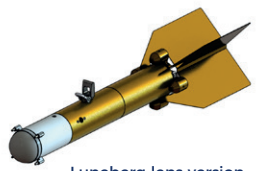
Steeve version



Infrared flare version



Towed version



Luneberg lens version

