

RADAR ROCKET SCORER (RRS)



Product description

The Radar Rocket Scorer (RRS) is a non-cooperative Doppler radar scoring system that provides highly accurate projectile tracking and impact point scoring. The system is optimized for stationary ground target applications.

The system operation is automatic with projectile detection and scoring done at the target in real time. System monitoring and control is supported through a standard Ethernet interface and a WLAN data link. Projectile data captured by the radar is stored locally. Processed data can be transmitted over the data link for remote storage and additional post processing.

Although designed for use with 2.75 inch unguided rockets, RRS can be configured for operation with a variety of smaller caliber rounds and different firing rates.

Already proven in land based testing, the RRS system generates consistent, accurate data under operational conditions, thereby permitting more realistic training scenarios to be conducted.

Key features and benefits

- Scoring range 0 - 150m (0 - 492 ft) nominal
- Manual or automatic data capture
- Real-time or post mission measurements
- Remote monitoring and control option via PC-based remote operator station
- Software configurable
- Local or remote data storage

Applications

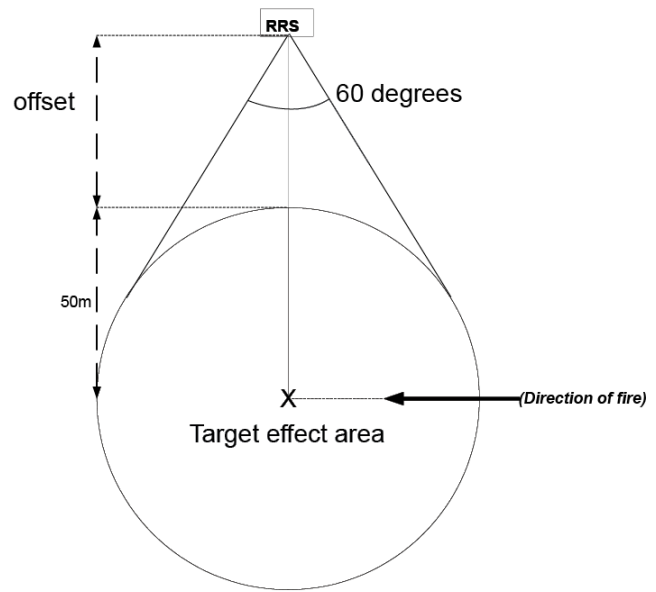
- AH-64 Apache (Developed for live-fire qualification gunnery)
- Air-to-ground weapon evaluation
- Rockets, missiles, bombs, etc



Parker Meggitt Defense Systems
9801 Muirlands Blvd.
Irvine, CA 92618
+1 (949) 465 7700
www.meggittdefense.com

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Specifications	
Weapon types	2.75 inch rocket (standard) System may be configured for a wide range of weapons via software/hardware configuration changes.
Scoring range	0- 150 m (0-492 ft)
Impact point accuracy 0 to 492 ft	(2.75 inch rockets) < 10 meter circular error
Coverage	60 degree pie coverage
Command/control	Wired Ethernet (TCP/IP)
Data link	2.4 GHz WLAN or optional 900 MHz
Built-in-Test (BIT)	Automatic on startup or via external command
Input voltage	22-32 VDC
Power dissipation	200 watts (max)
Weight	60 lbs
Dimensions	16" x 16" x 10" (without lid) 16" x 16" x 16" (with lid)



Example range configuration

