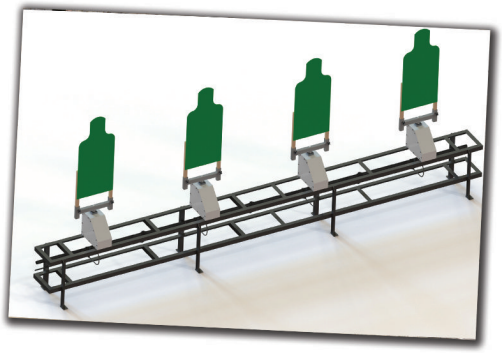
Range Firing Training System (RFTS)

The purpose of this product is to have an electronic system for the shooters that functions as a target with real-time feedback. The target can fire laser to the shooter to simulate back fire and to evaluate back fire response.

The system is comprised of five main modules:

- **Smart Target with laser transmitter**
- **Control Unit equipped with RF**
- **Smart Camera for Bullet Detection**
- **Receiver Jacket and Helmet**
- **Rugged Laptop with Software**



Systems Features

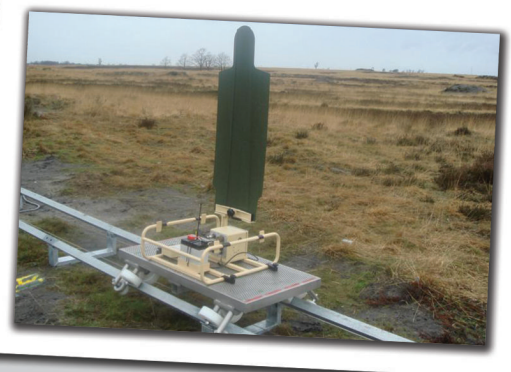
- 24 V Motors with mechanical linkage
- Simulation of moving targets with various target movements (Up/Down and Rotation)
- 360 degrees rotation for Friend and foe.
- Speed of targets are variable and could be controlled through laptop
- Equipped on a Carriage to provide moving and maneuvering.
- Up Light for Night Training
- Controlled by Laptop remotely
- IP67 protected
- Industrial-Std version where necessary
- Rechargeable batteries
- Target Figure 2

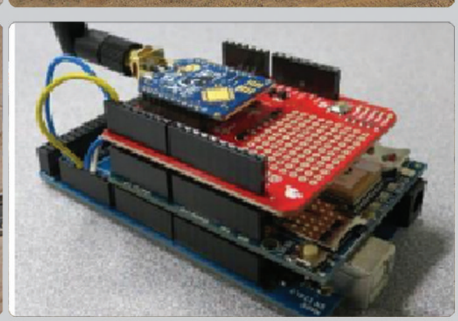
Basic Software features

Shows shot location on the target and miss location within the detection zone

- Displays the group size and Mean Point of Impact for accurate zeroing of weapons
- Indicates the lane operation status and allows the control operator to adjust the target exposure time between two and six seconds. Target can be operated in static or up-hold mode or horizontal mode
- Records single shot slow fire, single shot rapid fire and fully automatic fire
- Allows independent operation of each lane
- Operates between 0-50°C
- Detects projectiles having a residual velocity of 450 m/sec or more at the Target End.
- The system includes option for zooming in and zooming out and panning of the target on the screen
- Stores all training (firing) data collected and allows printing the data at any time
- Provides at each target and firing point a Lane Number Recognition (LNR) Unit
- All components of the systems are rain and rust proof

Once the shot information has been sent, the app receives the data and stores it for retrieval and analysis. Similarly the response of the shooter against laser fired from the target has been saved in the computer application for further analysis.





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