

AIR TARGET



POWER OF PRECISION

Air Target delivers modern, leading-edge acoustical scoring systems for quality practice and performance. Our products are continuously developed with the latest state of technology and components.

Air Target is the prime contractor to defense forces in more than 30 countries and has a complete product range, including MDIs, scoring stations, test equipment, sleeve targets and inboardtarget towing winches. Air Target has the capability to customize all products to the customer's requirements.

Air Target provides weapon system-operators with instant feedback, turning each fired shot into valuable experience.

Our products and solutions in short

The universal 12 sector Miss Distance Indicator (MDI) detects fire being directed at the target coming from any direction. Changes of the target course can be smoothly handled during the mission. The systems are compatible with a full range of weaponry from 5.56 small arms to missiles. The battery-operated MDI, uses pressure sensors to detect the shock wave generated by a passing supersonic projectile or missile. The MDI is installed on or close to the target. The amplitude and the time differences between the different sensors are used to calculate the miss distance and direction to the closest point of passage of the projectile relative the target.

Scoring data from the airborne system (MDI) are then sent to the scoring station, over a telemetry link for presentation in real-time. The scoring stations can receive scoring data from up to six targets (MDIs) simultaneously.

Our Goal

Our goal is to deliver scoring system solutions that truly meet the customer's requirements. We combine technical expertise with perceptiveness and never assume that we understand before we have a clear view of the whole picture.

For us a delivery is not complete until the customer has the solution up and running and should there be any issues, we will do everything in our power to resolve them as quickly and with as little inconvenience to the customer as possible. We believe that an excellent experience is the best way to cultivate good customer relationships that stand the test of time.

We do offer off the shelf-solutions, but we have learned that customer satisfaction increases immensely by working closely with the customer and adjusting the solution according to each unique application. Delivering a custom fit that is ready to be used out of the box. Our long experience from military applications, our dedication to quality, and our proven technology for turning physical stimuli into an electrical signal and converting it into digital data that can be visualized, guarantees optimal target precision training.

Air Target – Air to ground scoring system

The calibration free Air To Ground (ATG) scoring system is intended to be used at Air To Ground firing ranges for scoring of supersonic projectiles.

The target area equipment consists of a Target Processor Unit TPU, a Beam Sensor Unit BSU, an antenna and a 12 VDC battery. The target area equipment is placed in front and below the target, and behind a protection wall. The pressure sensors of the BSU detects the shock wave from a passing supersonic projectile.

The scoring data, i.e. hit order and time information from the sensors is transmitted via the radio link in real time to the Control Station Equipment (CSE). The scoring data is used by the CSE when calculating the scoring result. The scoring result is graphically displayed on the color monitor as x and y coordinates. The salvo center, mean miss distance, and total number of scored rounds are displayed together with the graphic picture.

The scoring result can also be displayed in tabular form round by round. A print-out of the scoring result is also possible. The scoring result is stored in a data base. The Control Station Equipment can as an option receive scoring data from six different targets.

Training scenarios

Air Target – Ground-to-air – Prepare to protect targets on the ground from airborne threats

You most likely know how much you have practiced a specific scenario, but unless you have measured the weapon system operator's precision you are not truly prepared for live action.

Our Ground-To-Air (GTA) system is designed for target practice of airborne threats, typically an attacking aircraft, helicopter, incoming attack missile or unmanned UAV, from the ground or surface.

Acoustical, universal angle sensors, placed on hard- or sleeve targets generate accurate data in both attack- and passing mode, allowing you to design realistic training scenarios, and to instantaneously switch from one scenario to another. Train the ground based anti-air forces to protect targets of tactical importance from a fixed location or an armored vehicle and prepare the personnel onboard a surface vessel for effective self-protection.



Our sensors will indicate how each individual performs and provides them with insightful feedback in real time. Training becomes more effective as the personnel on the ground or surface will learn from each fired round or missile. Time spent training and cost of ammunition can be reduced and most importantly; you will know how well you stand prepared for live action.

Air Target – Air-to-air – Realistic training scenarios with universal angle sensors

You wouldn't ask the pilots to train for a battle in the air with their eyes closed. From our perspective, not using a system that allows you to measure the precision of each fired shot is equally unwise.

Our Air-To-Air (ATA) system is designed for target practice of airborne threats typically attacking aircraft, helicopter or unmanned UAV entering your air space. Acoustic, universal angle sensors placed on hard- or sleeve targets generate accurate data in both attack- and passing mode, allowing you to design realistic training scenarios of varying levels of difficulty, and to instantaneously switch from one scenario to another.

The exercise control center will see how the pilots performs in real time and can provide them with insightful auditory feedback. Access to the right information increases the level of training quality and the pilot will learn optimally from each training run. Accuracy is everything in a battle in the air. Provide your pilots with the best possible conditions in order to hit and neutralize the target they have committed to.


Air Target – Air-to-ground – Improving the pilot's precision skills with every exercise

Air Target's practice sensors can be placed on virtually anything allowing you to design realistic training scenarios of varying degrees of difficulty for air-to ground target practice.

Our universal angle target practice system allows you to optimize the value of the training in all the scenarios you design. You can for example emulate the advancement of tanks or set up fixed targets in your choice of terrain.

After each practice round the pilot receives instant feedback on the performance allowing him or her to improve their precision skills continuously throughout the training session. As training becomes more effective you maximize the benefit of each fired round or missile and can thereby reduce the time and cost of fuel and ammunition. Precision target practice not only lets you know how long the pilots have trained for; it will let you know if they are prepared for live action.





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