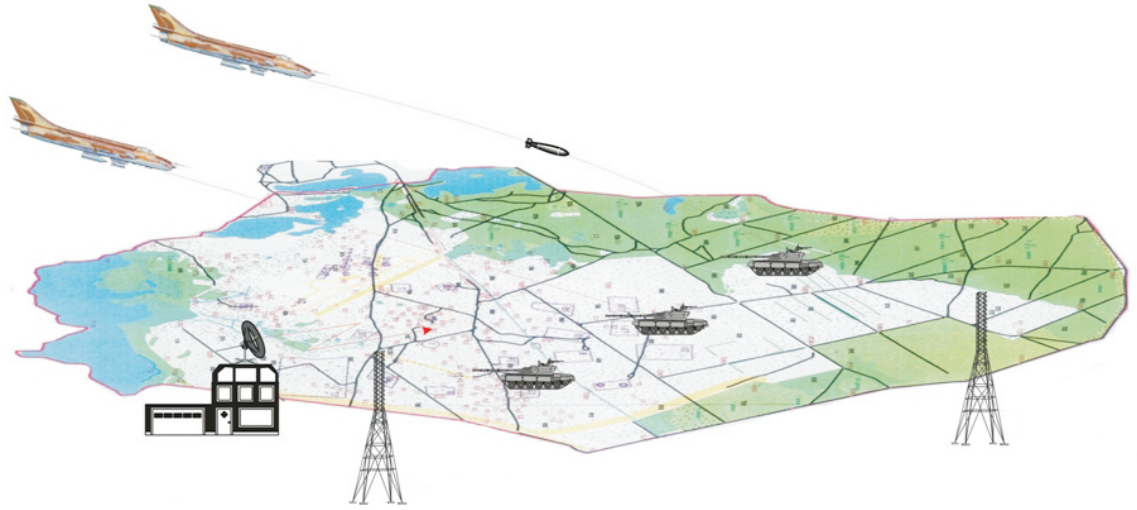
The system of registering the utilization of aerial combat means on the land based training range



The system has been designed for the purpose of registering and real time assessment of the utilization of aerial combat means (aerial bombs, guided and unguided missiles, aerial cannons) by combat aircraft and helicopters during both day and night conditions.

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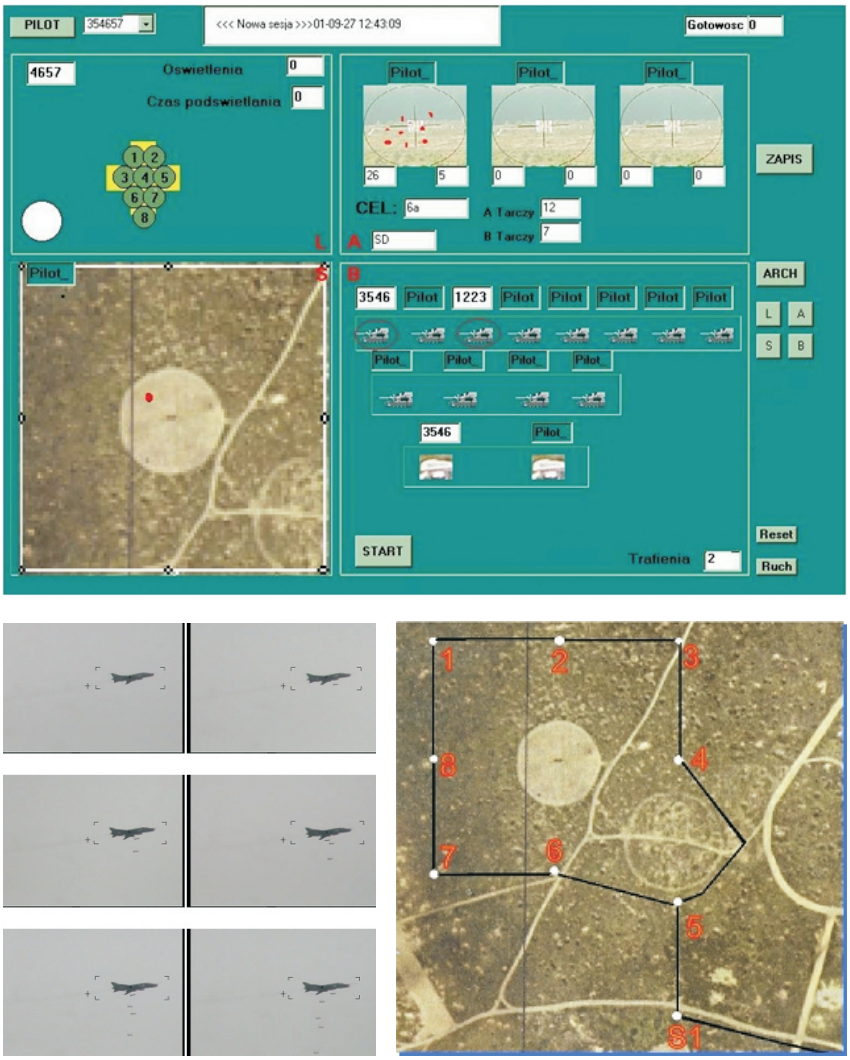

The system consists of autonomous subsystems which can be placed arbitrarily on a land based training range chosen at will:

- **seismic subsystem** – consisting of a net of seismic sensors, designated for the registration of use of aerial bombs and unguided missiles
- **inertial subsystem** – consisting of independent inertial sensors mounted on testing range targets, designated for the registration of direct hits with the use of aerial cannons and unguided missiles
- **laser subsystem** – consisting of laser radiation sensors, mounted on a designated target, giving provision for the assessment of the correctness of the guidance process of laser guided aerial weapons (bombs and guided missiles) without the need of their factual utilization (dropping/firing)
- **observation subsystem** – consisting of a set of video and IR cameras giving provision for day and night observation of aircraft operating over the training range