Zen 3ADS (Anti-Aircraft Air Defence Simulator) is designed to train IGLA missile pilots. It is user-friendly and provides data of missile launch, details of target movements and hit-miss information for after action review (analysis). The simulator is light-weight, modular in nature and lends itself to up-gradation.

It provides four modes of training to operators:
- Training on the synthesized three-dimensional target environment against virtual terrain
- Training on the synthesized 3D targets against real terrain background
- Training against the background of a real terrain at actual friendly targets such as target/aircrafts actual
- Training on a dynamically similar aircraft simulated in open terrain
- Psycho-physiological training

**Key Features:**

The easy-to-operate AAADS:
- Provides a Practice Launching Set that helps impart psychological and physiological training to operators with setback force/jerks, sound and flash/light
- Displays destruction/miss of the target based on launch parameters
- Contains a wide range of target systems that include Fighter Aircrafts, Transport Aircrafts, Helicopters, Unmanned Aerial Vehicles and Precision Guided Munitions
- Includes different types of terrains such as Plains, Deserts, Mountains, Maritime, Snow, Urban etc
- Generates performance reports of trainees
- Comprises a powerful analytical software for error trapping and guidance for improvement
- Provides manual and auto modes of firing
- Includes all the facilities for After Action Reviews (AAR)
- Allows instructor to feed/update target’s dynamic parameters like Speed, Course, Range and Height
- Allows instructor to generate day and night conditions as well as natural interferences like Clouds, Rain, Snow, Fog etc on the terrains

**Replica IGLA Missile**