

ZEN ANTI-AIRCRAFT AIR DEFENCE SIMULATOR (ZEN 3AD SIM)



ZEN 3ADS (Anti-Aircraft Air Defence Simulator) is designed to train operators on laying procedures in both simulated and field conditions as well as psycho-physiological training experienced at the time of launch. 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 synthesized terrain
- Training on the synthesized 3D targets against real terrain background
- Training against the background of a real terrain at actual friendly targets
- Training on a dynamically similar aircraft simulator 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
- Includes all the facilities for after action reviews
- Contains a wide range of target systems that include Fighter Aircrafts, Transport Aircrafts, Helicopters, Unmanned Aerial Vehicles and Precision Guided Munitions
- Allows instructor to feed/update target's dynamic parameters like speed, course, range and height
- Includes different types of terrains such as plains, deserts, mountains, maritime, snow, urban etc
- Allows instructor to generate day and night conditions as well as natural interferences like clouds, rain, snow, fog etc on the terrains
- Generates performance reports of trainees
- Provides manual and auto modes of firing
- Displays destruction/miss of the target based on launch parameters



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