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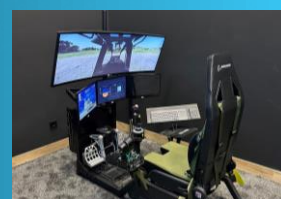# JTAC Simulator

Joint Terminal Attack Controller

Advanced simulation tool that provides JTAC with a realistic virtual environment for training

Training with the best simulation

Essential role on the battlefield, coordinating a Close Air Support (CAS)

Virtual environment that realistically simulates the battlefield conditions

Tecnobit JTAC simulator has the accreditation capacity according to the standards NATO STANAG 3797 y US JFS ESC MOA

Simulated Military Equipment
based on replicas of the real elements:

IR laser pointer

Laser Target Designator

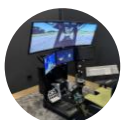**Binoculars with thermal camera and laser rangefinder**

GPS DAGR

Military radio

Pilot Position

- Generic flight simulation (fixed-wing and rotary-wing aircrafts)
- Motion platform
- Aeronautical instrumentation
- Combat Network Radio
- Weapons system
- Onboard ROVER display

Advantages:

HLA/DIS: Interoperability with other simulation systems

TERRAIN BD: Able to operate with any existing terrain and creation of new ones

3D MODELS: Wide library of land, naval and air virtual models with advanced Artificial Intelligence.

EXERCISES: Full environment simulation (day/night, rain/snow, fog/smoke)

ASSESSMENT: Trainee Assessment and real-time monitoring

DaCAS: Digitalization of JTAC-Pilot coordination procedures

Distinctive elements of the Tecnobit JTAC Simulator :

The operational concept of Tecnobit JTAC simulator is based on the experience acquired over the past 25 years with the Spanish Field Artillery Simulator (SIMACA), the Brazilian Artillery Simulator (SIMAF), and the UAE Artillery Simulator (SIMACA V2).

Tecnobit has deployed three (3) JTAC simulators integrated into the UAE Artillery simulator (2023). In 2024, two (2) new JTAC simulators have been deployed at the Artillery Academy (Segovia) of the Spanish Army.

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