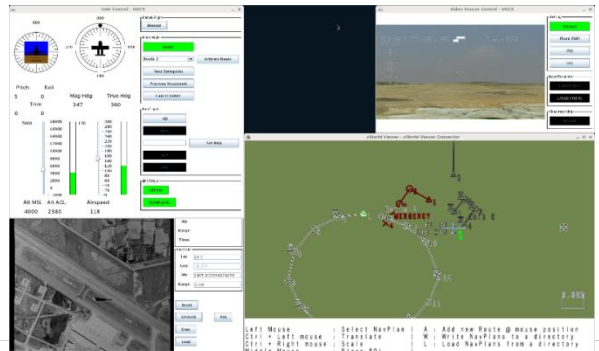# Mockingbird®

Reconfigurable UAS/RPA Software and Mission Systems Console Training Simulator

The Mockingbird® suite is ZedaSoft's industry leading solution for reconfigurable, open architecture UAS/RPA simulation. Mockingbirds can be configured to simulate various UAS/RPA Ground Control Stations including Pilot and Sensor Operator interfaces with simple mouse clicks.

Key Features:

- Reconfigurable aircraft performance
- Reconfigurable sensor payloads
- Simple Autopilot and Route Management Interfaces
- Attachable to any DIS entity to add sensors to constructive simulations
- Portable with shipping case
- Setup/Teardown in 15 minutes
- On casters for easy relocation
- One person operation
- COTS equipment and reliability
- Can be extended to a total of 4 screens
- Multiple units can be connected for single vehicle operation
- DIS Radio/Communications included

Mockingbird®

Reconfigurable UAS/RPA Software with
Mission Systems Console Training Simulator

ZedaSoft's Mockingbird® UAS/RPA software on the Mission Systems Console Training Simulator consists of a simulated ground control operator's station and reconfigurable simulated UAS/RPA platforms. The operator station provides generic UAS/RPA piloting and sensor operation interfaces. The simulation supports wide variety of UAS/RPA types, from hand-launched to full-scale autonomous systems.

The Mockingbird software takes advantage of ZedaSoft's patented CBA® for Simulation software, a stable, modular simulation platform, in which various UAS/RPA flight characteristics and sensor packages are loaded to provide flexible training scenarios.

The simulated UAS/RPA platforms can be configured with any combination of payload elements, including 1080p EO/IR sensors, and simulated Synthetic Aperture Radar (SAR) imaging.

The Mockingbird Reconfigurable UAS/RPA mission systems training simulator allows for manual pilot control and autonomous flight, enabling a wide range of mission profiles and sensor operator training scenarios. It also includes easy-to-use scenario-building features, which allow users to quickly design and implement training situations and sensor data collection profiles. Mockingbird® enhances UAS/RPA operator training, and provides an inexpensive alternative to securing real-world flyable assets on short notice.

ZedaSoft®

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