



FIXED WING GENERAL AVIATION TRAINER

The GAT-II General Aviation Trainer is a basic aircraft trainer that combines basic flight training, instrument training and spatial disorientation training in one low cost platform.

The GAT-II features a single reciprocating engine, propeller driven flight model and realistic, computer generated instrumentation.

It supports initial pilot training and it also provides a low cost way for pilots to satisfy some of their recurring instrument currency requirements.

The GAT-II features an enclosed cockpit, realistic flight controls and a textured high quality out-the-window display to provide a highly realistic training environment. The 3 axes motion system is precisely coordinated with the visual display and the flight control inputs to provide a high fidelity learning environment.



REALISTIC COCKPIT



4+2 DOF MOTION BASE



AIRCREW TRAINING SYSTEMS

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FIXED WING GENERAL AVIATION TRAINER

FEATURES

- FAA Flight Training Device (FTD) level 2
- Portable and fits into an average size training room
- User friendly instructor controls
- No special power or tools required
- Closed cockpit
- Realistic flight instruments, flight controls and flight models
- 3 axes electromechanical motion system
- Minimal user training required
- Windows operating system
- Selectable Airports (USA)
- Fixed wing or helicopter configurations

3 AXES OF MOTION

- **Pitch** +/- 12°
Speed: 0 to 8°/sec²
Acceleration: 0.5°/sec² to 8°/sec²
- **Continuous Yaw** +/- 360°
Speed: 0-25 RPM
Acceleration: 0.5°/sec² to 15°/sec²
- **Roll** +/- 20°
Speed: 0 to 10°/sec²
Acceleration: 0.5°/sec² to 10°/sec²

OPTIONS

- Center stick
- Aircraft specific cockpit configurations and flight models
- Additional Spatial disorientation profiles
- Profile and sound editors
- Reciprocating, turboprop or jet engine models
- Global Positioning System (GPS)
- FTD level 3
- Custom visual databases
- Other ICAO regions

USAGE

- Basic Flight Training
- Instrument and Navigation Training
- GPS Panel Training
- Mishap Prevention Training
- Spatial Disorientation Training
- Situational Awareness Training
- Emergency Procedures Training
- Partial Panel Training

VISUALS

- Photo-realistic, textured out-the-window scene projected on to a wide field-of-view dome visual display
- Bezelled instrument display
- Real world visuals
- Selectable meteorological conditions and malfunctions



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