

The National AeroSpace Training And Research Center



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# GENERAL AVIATION TRAINER II (GAT-II)

The GAT-II General Aviation Trainer is an Federal Aviation Administration (FAA) certified flight training device (FTD) used in pilot screening and selection, basic flight training, instrument training, and spatial disorientation training. The GAT-II features an enclosed cockpit, single reciprocating engine, realistic flight control, and high quality out-the-window visual display that is precisely coordinated with a multi-axes motion system to provide a highly realistic learning environment.



# GENERAL AVIATION TRAINER II (GAT-II)

## APPLICATIONS

- Basic flight training
- Instrument and navigation training
- GPS panel training
- Mishap prevention training
- Basic spatial disorientation training
- Basic situational awareness training
- Basic emergency procedures training
- Partial panel training

## SPECIFICATIONS

- Pitch +/- 120°
  - Speed: 0 to 80/sec<sup>2</sup>
  - Acceleration: 0.50/sec<sup>2</sup> to 80/sec<sup>2</sup>
- Continuous Yaw +/- 360°
  - Speed: 0-25 RPM
  - Acceleration: 0.50/sec<sup>2</sup> to 150/sec<sup>2</sup>
- Roll +/- 20°
  - Speed: 0 to 100/sec<sup>2</sup>
  - Acceleration: 0.50/sec<sup>2</sup> to 100/sec<sup>2</sup>
- Fixed wing or helicopter configurations
- Reciprocating, turboprop, or jet engine models
- Selectable Airports (USA)
- Selectable meteorological conditions and malfunctions

## VALUES

- FAA Certified Flight Training Device (FTD) level 2
- Realistic flight instruments & controls provide realistic training environment for beginning pilots
- Integrates with Pilot Selection System for total pilot screening and training tool
- Aircraft-specific cockpit configurations, visual database, and flight modes able to be customizable to suit training needs

