

# General Aviation Trainer II GAT-II HELO

The GAT-II Helo is the economical pilot training solution, combining affordable purchase price, low operation and maintenance costs and capability for high utilization in a realistic flight environment. Realistic wide-field-of-view, 3 axis motion base, interactivity and economy make the GAT-II Helo the unequalled training solution for your helicopter training program.

Advantages of adding the GAT-II Helo to your program include:

- Low operation and maintenance cost
- GAT-II Helo can be used at any time in any weather
- Makes Aviation Safety Training an integral part of your pilot training program



REALISTIC VISUALS



REALISTIC EXPERIENCE



REALISTIC COCKPIT



AIRCREW TRAINING SYSTEMS

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## APPLICATIONS

### Flight Training

- Basic Flight Training - Everything from pre-flight checks to landing
- Visual Flight Rules (VFR)
- Instrument Flight Rules (IFR) Contingency Training
- Aerodynamics of helicopter flight
- Emergency procedures
- Hover, auto rotation and ground effect
- Partial panel and system failure
- Mishap Prevention Training
  - Replicates accident scenerios
  - Places pilot in exact meteorological and aircraft condition

## NAVIGATION

### Full instrument navigation training to support the following:

- Instrument procedures
- Navigation via VOR, VOR/DME and ADF systems
- Instrument approaches (*VOR, ADF and ILS*)
- Cross-country flying in VFR and IFR
- Night flight conditions, VFR and IFR
- IFR charts and approach plate use
- GPS (*optional*)
- Complete continental U.S. Airport and Navaid database
- Other ICAO regions available

## OPTIONS

### Spatial Disorientation

#### Eight interactive and automated Spatial Disorientation Training profiles

- Coriolis
- Distance and Depth Perception errors
- Nystagmus

- False horizon
- Leans
- Autokinesis
- Black hole
- Flicker vertigo

## NAVIGATION

- Portable and fits in an average size training room
- User friendly instructor controls
- No special power tools required
- Closed cockpit
- Minimal user training required
- Windows operating system
- Realistic flight instruments, flight controls and flight models
- 3 axes electromechanical motion system
- Selectable airports (*USA*)
- True wide-field-of-view visuals

## USAGE

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

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