



# GAT-III

## SPATIAL DISORIENTATION AND FLIGHT TRAINING DEVICE

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THE GAT-III (GENERAL AVIATION TRAINER III) IS A MULTI-FUNCTIONAL FLIGHT SIMULATION DEVICE THAT SUPPORTS A SPECTRUM OF PILOT TRAINING, INCLUDING SPATIAL DISORIENTATION PREVENTION, UNUSUAL ATTITUDE RECOVERY, AND BASIC FLIGHT HANDLING.

# GAT-III

The GAT-III motion base provides exceptional motion cueing and attitude representation, with the yaw platform located at the base allowing continuous yaw rotation independent of cockpit motion. Pre-loaded profiles can be used to recreate flight scenarios that challenge pilots with disorienting experiences and increased workload. With high throughput and mechanical simplicity, it serves as an excellent platform for pilots to hone their airmanship and increase safety awareness.

## FEATURES

- Multiple cockpit configurations including Cessna-172 and Bell-206
- High Throughput
- Minimal Facility Requirements
- Relocatable
- 3-way adjustable seat
- Control loaded yoke creates realistic control surfaces feedback
- Optional hypoxia configuration

## APPLICATION

- Spatial Disorientation Training
- Upset Prevention and Recovery Training
- Basic Instrument and Navigation Training
- Basic Flight Handling Training
- Mishap Recreation and Investigation
- Motion Sickness Desensitization

## ROTARY WING CONFIGURATION

A dedicated helicopter variation is available, with cockpit and training programs customized for helicopter operators.

- NVG based SD training Wide field of view dome projection
- Cockpit configured after a light utility helicopter
- Customized training profiles for helicopters