



HIGH-G



ATFS-400 PHOENIX Generates the variable G onset/offset rates and G forces of actual jet fighters, giving pilots the most realistic training experience short of flying an aircraft. A flexible, state-of-the-art, high-performance, "flyable", motion system, which provides customers the opportunity to train on multiple aircraft using the same motion base.

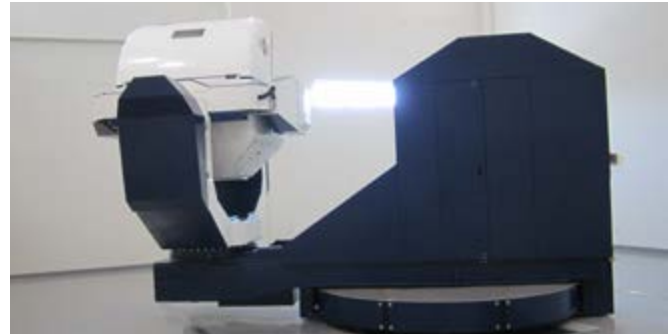


G-LAB A high-G training system capable of up to 15 Gz with rapid G onset. Utilizes a 3D, high-resolution, computer-generated image system for real time exercises and simulation of in-flight maneuvers with a Wide Field of View.

SPATIAL DISORIENTATION, SITUATIONAL AWARENESS & UPSET RECOVERY



GL-6000 GRYPHON A revolutionary, motion-based device that is flexible and multifunctional. The GL-6000 offers advanced motion capabilities, 6 DoF and ± 3 G on a ± 16 foot sled. It can be used for advanced training and research, including STOVL, VTOL and STOL Dynamic Flight Simulation.



GL-4000 A high fidelity 4 DoF advanced training device that accelerates at 0.8 G/sec onset and can be designed to 6 G on a 10-foot planetary arm.

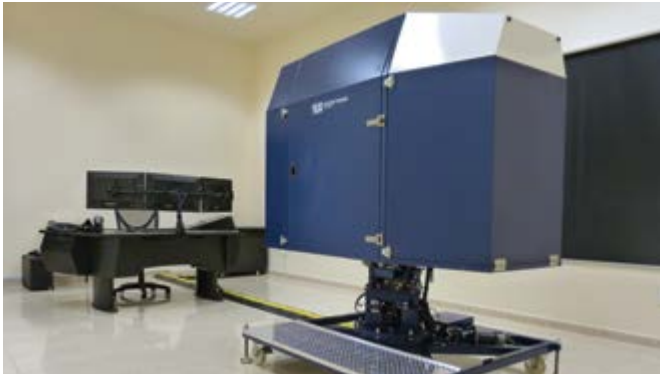


GL-1500 4 DoF device with up to 2.5 sustained G motion stimuli on an 8-foot planetary arm.

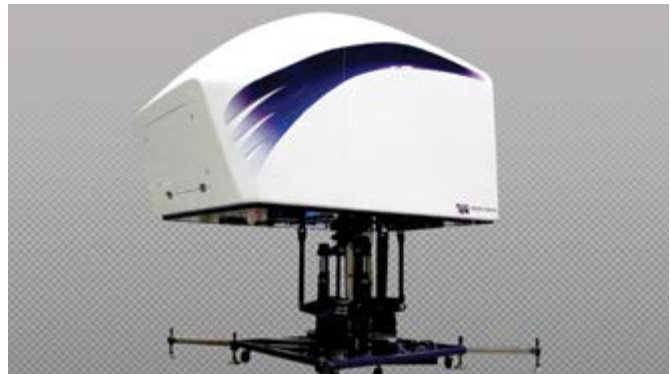


SPATIAL GYRO IPT3 EFOV Third generation simulator has increased payload capacity and enhanced sub-threshold motion capability atop continuous 360° yaw. Extended FoV visuals and the customer's choice of one- or two-seat aircraft configurations make this the ultimate Spatial Disorientation (SD) trainer.

GENERAL AVIATION: FIXED-WING AND ROTARY-WING TRAINERS



GAT II Ideal for flight training schools, academies and airports. Combines basic flight, instrument and SD training into one cost-effective motion platform.



GYRO IPT II A high fidelity flight simulator for military or civilian use. The cockpit can be configured to reflect any fixed-wing or rotary-wing aircraft in the world, simulating its motion profile.

TRAINING SYSTEMS



FALCON HYPOBARIC (ALTITUDE) CHAMBER
Supports high altitude exposure training and is designed to perform up to 100,000 feet. Chambers available in various sizes.



MULTIPLACE HYPERBARIC CHAMBER
Station chamber designed to provide hyperbaric oxygen therapy. Chambers are available in various sizes.



WATER SURVIVAL TRAINING
A turn-key system of trainers that teaches water survival training skills for aircrew. Trainers include Helicopter Rescue Hoist Trainer, Underwater Escape Survival Trainer, Parachute Drag Trainer and Parachute Drop and Disentanglement Trainer.



PILOT SELECTION SYSTEM
Computer based program that evaluates pilot candidate personality, ability, aptitude and suitability to fly.



NIGHT VISION/ NIGHT VISION GOGGLE SYSTEM
Interactive demonstrations to optimize a pilot's ability to see at night with and without the use of night vision devices.



EJECTION SEAT SIMULATOR
Repeatable, realistic ejections in a controlled and safe environment. Computer-based ejection decision making scenarios.