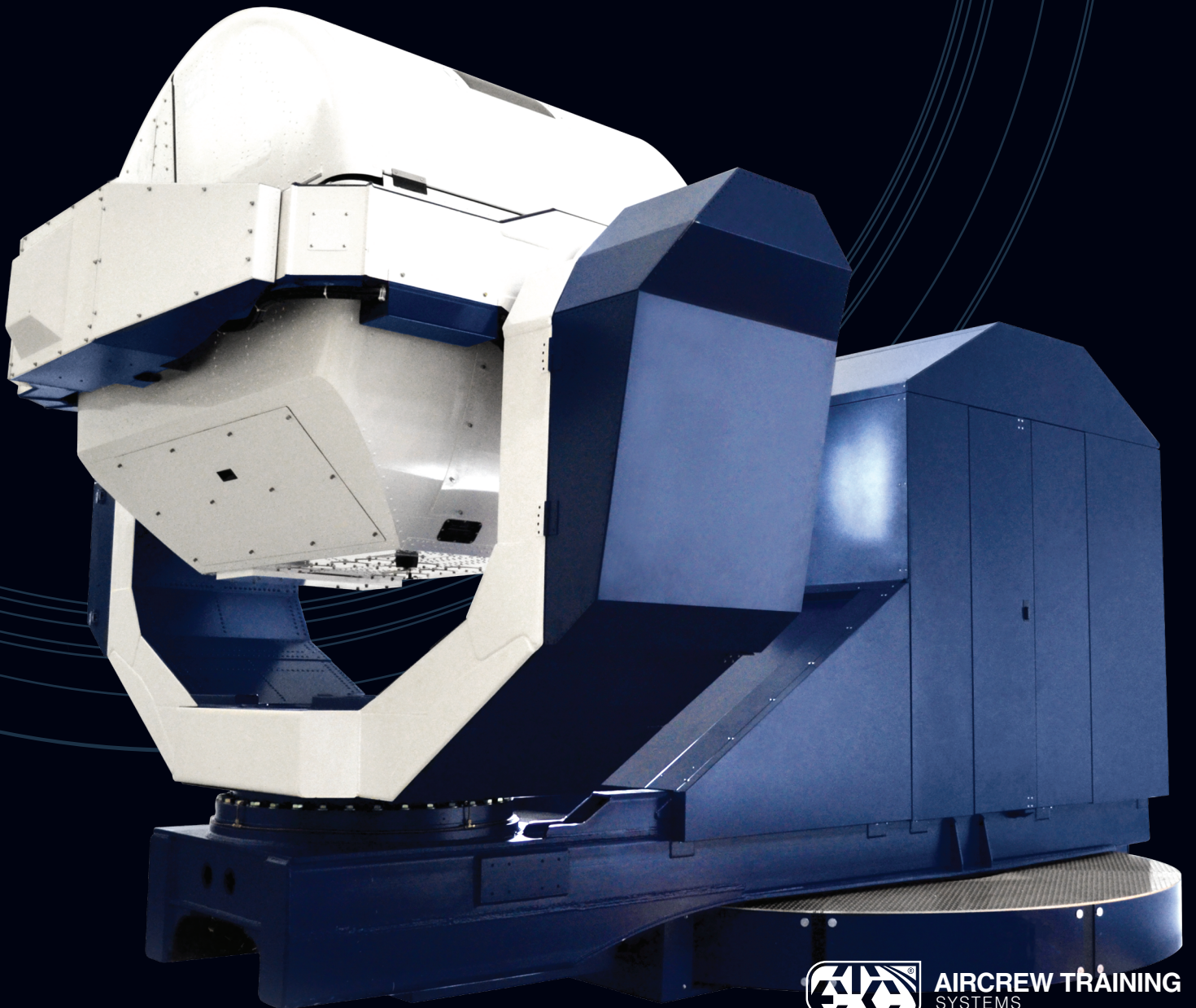


GYROLAB[®] GL-4000[™]

SPATIAL DISORIENTATION & FLIGHT TRAINING DEVICE

The GL-4000 offers a highly dynamic flight simulation platform capable of generating authentic flight visual and motion experience with sustained acceleration forces, supporting spatial disorientation and aviator physiology training in the realms of airmanship training.



AIRCREW TRAINING
SYSTEMS

GYROLAB GL-4000

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THE GONDOLA MOTION IS COMPUTER CONTROLLED FOR 360° ROTATION IN PITCH, ROLL, YAW AND PLANETARY AXES, CREATING ACCURATE MOTION CUEING, ATTITUDE RECREATION AND G ALIGNMENT GENERATED BY AIRCRAFT MANEUVERS. WIDE FIELD OF VIEW TERRAIN GRAPHICS, COUPLED WITH INTERACTIVE FLIGHT CONTROLS, CREATE AN IMMERSIVE FLIGHT ENVIRONMENT WITH PHYSIOLOGICAL CHALLENGES AS ENCOUNTERED IN REAL FLIGHT.

COCKPIT

- Interchangeable cockpit configurations
- NVG compatible cockpit optimized with High Dynamic-Range rendering for NVG stimulation
- Varying degrees of flight fidelity offered to meet functional training needs

APPLICATION

- Spatial Disorientation Training
- Upset Prevention and Recovery Training
- Multi-Ship Operation Training
- Tactical Operation Training
- Mishap Recreation and Investigation
- Motion Sickness Desensitization
- Operational Research

FLIGHT PROFILES

- Pre-loaded training profiles with extensive user customizability
- Configurable environmental factors, voice messages and motion parameters
- Pre-loaded with training profiles needed to accomplish an effective training program
- Training can be conducted through automated profiles, playback profiles or free flights with instructor intervention



VISIT OUR WEBSITE

- etcAircrewTraining.com
- +1 215.355.9100 x 1500
- ats@etcusa.com
- 125 James Way Southampton, PA 18966 USA



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