



**AIRCREW TRAINING
SYSTEMS**

GYROFLIGHT

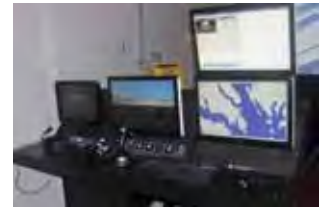
FIXED WING FLIGHT OPERATIONS, PROCEDURES & SPATIAL DISORIENTATION TRAINER

REALISTIC TRAINING ENVIRONMENT

- Paramedically based, Mathematically Predictive Aero-Model
- 4+2 DOF Motion Base
- Real World Visual Database
- Real World Navigation Database
- Single Dual Sets

HIGH FIDELITY COCKPITS

- Wide Field of View
- Realistic Motion
- Custom Instruments Panel
- GPS (optional)
- Optional Helicopter Specific Spatial Disorientation Training



AIRCREW TRAINING SYSTEMS

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GYROFLIGHT

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3 PANEL WFOV VISUALS

| Photo textured landscapes including population centers, villages, towns, roads, rivers, and topographical features |
| Controllable cultural lighting | Detailed airport areas | Geospecific ICAO regions available |

ALL ELECTRIC 4+2 DEGREES OF FREEDOM MOTION PLATFORM

Angular Displacement	Acceleration	Speed Acceleration
Pitch +/-25 °	0.5 – 25° sec	0.5 – 50 deg/sec ²
Roll +/-30°	0.5 – 25° sec	0.5 – 50 deg/sec ²
Yaw +/-360° continuous	0.5 – 150° sec	0.5 – 15 deg/sec ²
Linear Displacement		
Heave +/-12.7cm	0.5 – 45 cm/sec	0.5 – 152 cm/sec ²
Sway +40cm to -33cm	0.5 – 50 cm/sec	0.5 – 101 cm/sec ²
Surge** +/-40cm	0.5 – 50 cm/sec	0.5 – 101 cm/sec ²

**Coupled with pitch motion **Coupled with roll motion*

INSTRUCTOR STATION

| Single operator | Cockpit CCTV monitor and intercom | Medical monitoring available | Instructor station flight controls |
| Flight recording and replay |