PILOT UPSET RECOVERY TRAINING PROGRAM

2 DAY PROGRAM:
1 DAY ACADEMIC INSTRUCTION
& 1 DAY TRAINING FLIGHTS

• Situational Awareness and Spatial Orientation
• Types and Classes of Aircraft Upsets
• Upset Detection and Recognition
• Flight Characteristics Familiarization and Lift Vector Control
• Pilot Errors During Upset Conditions
• GYROLAB Training Flights consisting of:
  • Familiarization Flight
  • Lift Vector Control Exercises
  • Extreme Maneuvering Exercises
  • Upset Demonstration and Performance Exercises
  • Proficiency Assessment Session

SPATIAL DISORIENTATION TRAINING PROGRAM

2 DAY PROGRAM:
1 DAY ACADEMIC INSTRUCTION
& 1 DAY FLIGHT TRAINING

Academic Instruction

Situational Awareness
• Conscious and Preconscious Information Processing
• Learned Skill Execution
• Anomalies of Attention

Spatial Disorientation
• Physiological Effects of Spatial Disorientation
• Sensory Systems and Physiology
• Illusions and their Effects

Effects of Stress (Mission, Self, Environmentally Imposed)

Flight Training
• Flight 1: Coriolis, False Horizon (Day and Night), Leans, Runway Width, Graveyard Spiral
• Flight 2: Somatogravic, Oculogravic, Graveyard Spin, Ground Lights and Stars, Autokinesis, Oculogyral

ADVANCED TACTICAL DISORIENTATION TRAINING PROGRAM

1 DAY PROGRAM: 1/2 DAY ACADEMIC INSTRUCTION & 1/2 DAY FLIGHT TRAINING

Academic Instruction

Situational Awareness
• Conscious and Preconscious Information Processing
• Learned Skill Execution
• Anomalies of Attention

Spatial Disorientation
• Physiological Effects of Spatial Disorientation
• Sensory Systems and Physiology
• Illusions and their Effects

Effects of Stress (Mission, Self, Environmentally Imposed)

Flight Training
• Flight 1: Somatogravic, Graveyard Spiral, Ground Lights and Stars, G Excess, Linear Vection, Upsloped & Downsloped Runways, Black Hole

Customized Training Programs are available upon request