

ATFS-400™

SUSTAINED G AND DYNAMIC G TRAINING

The ATFS-400 dynamically generates G-forces in all desired axes simultaneously to authentically replicate the stresses of the tactical flight environment.



AIRCREW TRAINING
SYSTEMS



ATFS-400

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THE SYSTEM LEVERAGES ON ADVANCED SIMULATION CAPABILITIES TO RECREATE A WIDE VARIETY OF TRAINING AND OPERATIONAL SCENARIOS, EXPOSING THE AVIATOR TO A REALISTIC FLIGHT ENVIRONMENT WITH PHYSIOLOGICAL STRESSORS. A VARIETY OF TRAINING SCENARIOS AND PROFILES CAN BE CREATED TO SUIT THE NEEDS OF ALL PILOTS, FROM ENTRY LEVEL TO ADVANCED TACTICAL FLYING.

COCKPIT

- Flyable cockpit with active flight controls
- Interchangeable cockpit modules
- Pilot breathing system configurable
- Simulated weapons system configurable

APPLICATIONS

- Dynamic Flight Simulation for Tactical Training
- Pilot-controlled Dynamic G Training
- Conventional G Training
- Operational Research and Evaluation
- Spaceflight Training Configurable

SYSTEM CONTROL

- Precise G axes alignment for Gx, Gy and Gz
- Motion algorithms for motion artifact reduction
- User customizable training flight profiles
- Independent Safety Computer and Interlocks
- Man-Rated Design



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