

REPROGRAMMABLE FLIGHT TRAINING DEVICE



- One Device, Multiple Aircraft Configurations
- Leverage Operational Flight Trainer Software
- Touch Screens Replicate Cockpit Panels
- Aircraft Hardware Used for:
 - Fully Loaded Primary Flight Controls
 - Secondary Flight Controls
 - Seats
 - Other Components as Required...
- Visual System
- Aural Cue System
- Instructor Station Integrated On-board
- Information Assurance

TYPICAL RFTD SYSTEM SPECIFICATIONS

Rapid Reconfiguration

- Reconfigure the trainer within minutes between various aircraft configurations, such as steam gauge and glass cockpit instrumentation

Host Computer System

- Host software based upon Operational Flight Trainer, Aircrew Procedures Trainer or Weapons Systems Trainer baselines for various aircraft configurations
- Provides high fidelity training capabilities for normal operations, malfunction conditions, and emergency procedures

Instructor Operator Station (IOS)

- Based upon the latest version of ASI's IOS
- Microsoft Visual C++.net development environment running on Windows XP
- Uses the latest in display, processing and interconnectivity technology
- Provides Initial Conditions and Aircraft Malfunctions
- IOS Procedures Page allows an instructor to monitor crew progress on Checklists and Emergency Procedures
- Moving Map/Navigation Pages provide high resolution maps, approach plates and GCA approaches and ownship depiction improving navigational awareness
- The Daily Operational Readiness Test page provides a full set of test and diagnostic tools

Control Loading System

- FCS Simulator Systems Model selected based upon aircraft type
- Fully digital system capable of FAA Level D performance

Aural Cue System

- Advance Simulation Technology Inc. Digital Audio Communication System

Displays

- Out The Window (OTW) Display - 40" or larger LCD monitors
- Main Instrument Panel Displays - Touch screen displays sized appropriately for aircraft
- Overhead Console and Circuit Breaker Displays -Touch screen displays sized appropriately for aircraft

Image Generation

- Available with any PC-based image generation system
- Geo-specific and geo-typical databases
- Multi-spectral, full-mission image generator
- System is completely scalable based on training needs

Construction

- Removable panels provide easy access and maintenance
- Computers and components housed within structure resulting in a small footprint
- RFTD will pass through a standard doorframe, with install and setup completed within eight (8) hours
- Structure is designed for a 2-person move, supporting rapid transport and deployment
- Only standard single-phase, 120 volt, 60 amp power required



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