



Flight School XXI Simulation Services

Simulation Services Solution for Rotary-Wing Flight Training

General Dynamics IT is the prime contractor providing simulation services for the U.S. Army Flight School XXI (FSXXI) program.

FSXXI is an ongoing training initiative at the U.S. Army's Aviation Center of Excellence (USAACE) located at Ft. Rucker, Alabama.

The FSXXI simulation capability is a privately funded initiative creating a long-term, Contractor-Owned, Contractor-Operated (COCO) simulation service that provides simulators and training support capabilities to support initial entry level and graduate level rotary wing flight training at Ft. Rucker, Alabama.

The number, type, functionality, fidelity and availability of the flight simulators meet the needs of student loads, training schedules, individual, crew and collective training requirements prescribed by the USAACE, specifically the Directorate of Simulation (DoS).

USAACE funds the program which is managed by the Program Executive Office, Simulation, Training and Instrumentation (PEO STRI).

GDIT TURN-KEY SIMULATION TRAINING SERVICES

- Program Management
- Facility and Security Management
- Quality Assurance
- Configuration Management
- Training Support
- Test and Engineering Oversight
- Aviation Subject Matter Expertise
- Student Transportation
- Device Scheduling
- Concurrency Upgrades

FSXXI Collective Training Support

GDIT supports virtual training with Reconfigurable Collective Training Devices (RCTDs) that replicate the Blackhawk, Chinook, and Apache helicopters.



GDIT develops Training Support Packages (TSP) and training scenarios to support USAACE Professional Military Education (PME) in both the Constructive and

Virtual environments. TSP writers design, develop, and support execution of training packages for modular sets of PME training events. Battle Masters operate Semi-Automated Forces (SAF) and perform all the role-player functions needed to create the optimal environment for the PME exercises.

FSXXI Individual Training Support

GDIT has supported the Army's primary training with TH-67 simulators since 2005, providing over 670,000 hours of training with 100% device availability. GDIT also supports the U.S. Air Force with TH-1H simulation capabilities.

We're proud to support the Army's Aviation Restructuring Initiative, transitioning from TH-67 to UH-72A as the Army's primary helicopter training platform, with the fielding of high fidelity UH-72A simulators beginning in September 2016.

GDIT supports advanced flight training with high fidelity, full-motion, full-visual UH-60 A/L, UH-60M and CH-47F simulators, including the world's first CH-47F full-motion simulation capability.

Training Support

GDIT supports USAACE with subject matter expertise and programmatic support in the areas of training development, training support materials, operational evaluation, support for Professional Military Education, and current and future scenario development.

Performance

GDIT supports training of 1,220 Initial Entry Rotary Wing (IERW) and 1,100 Graduate students annually. GDIT supports up to 9 ongoing Professional Military Education (PME) exercises and training of up to 945 students quarterly.

We've provided over 1 Million hours of simulator support for individual, crew and collective training, all while exceeding device availability requirements.