



Equipment and Training Systems for All Types of Military Aircraft

From Training Support to Integrated Training Systems

From the largest members of the fleet to the smallest, we offer training and simulation expertise for a variety of military aircraft. Our training contracts range from training equipment support to complete training programs, including integrated training systems comprising the full spectrum from ground school to full flight simulators and debriefing. Many of our contracts for tanker/transport training have been active for years. Our contract for the C-5, for example, is the longest-running Aircrew Training System contract operated by a single contractor.

We conduct this type of training at FlightSafety Services locations and at our Learning Centers in Dothan, Alabama, and Daleville, Alabama, near Ft. Rucker.



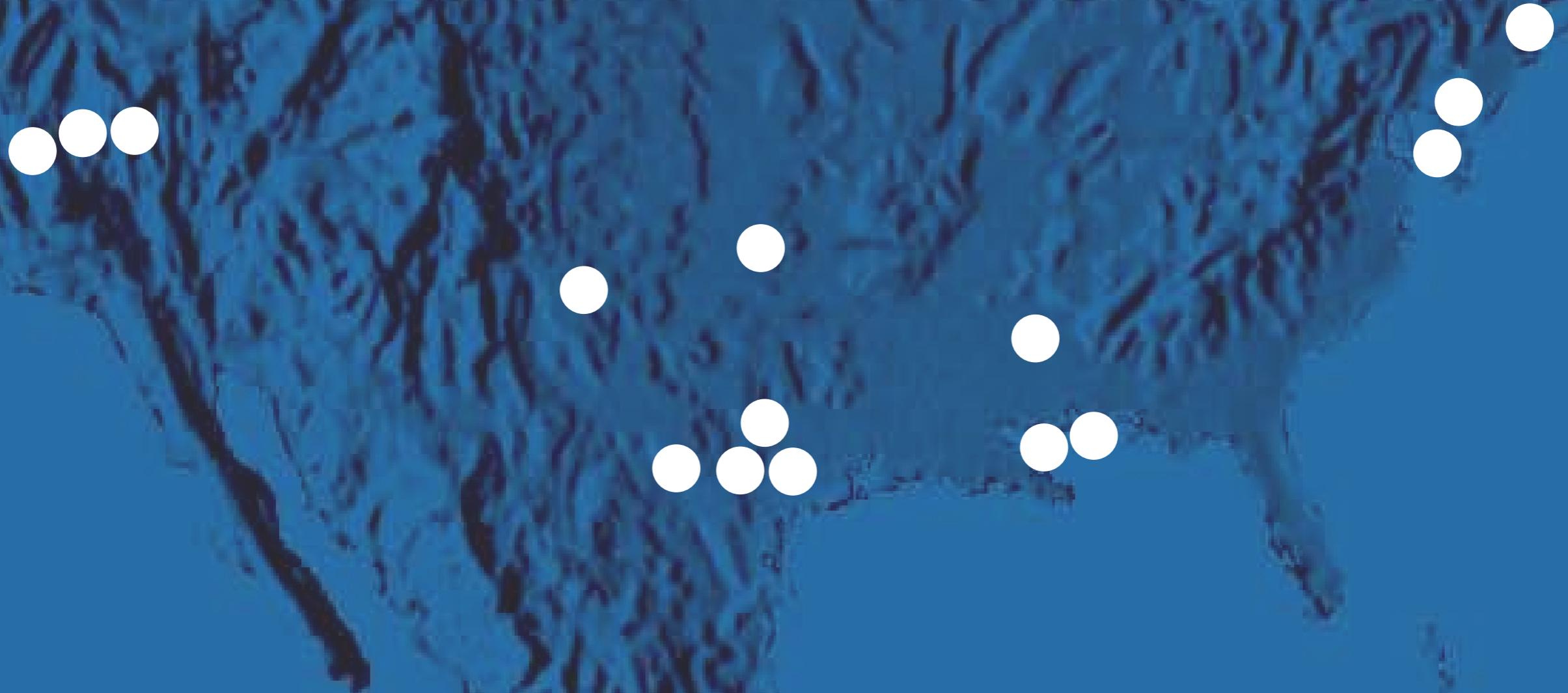


FlightSafety Services Corporation

Our FlightSafety Services Corporation provides quality Total Training Systems, Training System Management and Integration, Training Delivery Services and Contractor Logistics Support to the U.S. Government, prime government contractors and commercial entities. FlightSafety Services Corporation trains 10,000 to 14,000 student events annually and has been

providing Aircrew Training Systems to the United States Air Force and its Air Reserve Forces since 1984.

Our expertise in simulation technology coupled with a dedicated team of experienced instructors, technical staff, courseware developers, and simulator maintenance technicians support the delivery of quality military training.



FlightSafety Services Corporation has operations at 15 U.S. military bases and provides military crew training, support for simulators, advanced-technology training devices and computer-based training workstations.

Training for Virtually Any Military Aircraft or Weapons System

KC-46A

Our support for the KC-46A, the U.S. Air Force's new multi-purpose aircraft, will include developing curriculum, engineering, manufacturing, delivery and support of multiple flight training devices. To meet this extended contract we will develop training devices and courseware concurrently with the new aircraft. Training devices and support will include Weapons Systems Trainers, a systems integration lab, pilot part-task trainers, boom operator part-task trainers, and fuselage trainers.

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KC-46A *(continued from previous page)*

In support of the KC-46 mission the flight deck Weapons Systems Trainers are provided with the advanced VITAL 1100 visual image generation equipment with our CrewView glass mirror display and an extensive global environment database. A uniquely designed display configuration is implemented that allows the aircrew to perform realistic air refueling missions as a tanker and as a receiver. Combining very high-resolution projectors and a field of view that extends the effective vertical field of view to 90 degrees air refueling training can be faithfully and safely accomplished in the simulator. In addition, the VITAL 1100 includes a sophisticated display management auto-calibration system ensuring continuous high-fidelity images for each training sortie.

The VITAL 1100 visual system supports the Boom Operator Trainer with a 3D display for the primary visual. The 3D images enhance the operator's ability to properly engage the receiving aircraft for a full fidelity training experience.





C-5 Galaxy

- ▶ We provide a full range of training and support for the C-5, including program management, instruction, logistics, aircrew training devices (ATDs), operations and maintenance.
- ▶ Training system support center operations including configuration/concurrency management of hardware, software and courseware, SIMCERT support and training management system operations.
- ▶ Extensive concurrency modifications and simulator stand-alone technology insertions including installing the C-5 Avionics Modernization Program (AMP).
- ▶ Successful demonstration of local and long-haul networking between ATDs.

Training for the Long Term

We have trained C-5 Galaxy crews since the mid-1980s and continue to train an average of 2,500 students each year. We have extensively reconfigured and modernized the Galaxy Weapons Systems Trainers, Flight Deck Procedures Trainers, Ramp and Door Trainers and Cargo Load Computer-Based Training Systems. The upgrades to the simulators have included high fidelity VITAL visual systems significantly extending the realism of the devices. Courses range from Initial Qualification through Flight Examiner. The Air Force selected us to supply and support WST upgrades associated with the C-5 Avionics Modernization Program (AMP). We continue as the source for C-5 crews' tactics and global airlift training. In addition to pilot training, we deliver instruction for flight engineers, loadmasters and engine-run maintenance personnel.

JPATS (T-6)

As the ground-based training system provider for the Joint Primary Aircraft Training System (JPATS), we have delivered 116 FlightSafety designed and manufactured trainers to the U.S. Navy and U.S. Air Force, as well as international customers. The trainers are part of an integrated training system including aircraft, multiple levels of simulators, courseware, training management systems and contractor logistics support.

U.S. Air Force and Navy Pilot Training

JPATS uses the T-6A Texan II (U.S. Air Force) and the T-6B (U.S. Navy) to train undergraduate pilots. The program includes development of an associated ground-based training system.



Our JPATS Training System

We are on contract to develop, produce, install and maintain the JPATS ground-based training system at military installations around the United States. The system includes flight simulators, a Training Integration Management System (TIMS), courseware and courseware delivery system, as well as a modification update and support system for these elements. Long-term sustainment of the simulator fleet has included visual system upgrades to include the exclusive VITAL 1100.



KC-10A Extender

Our support for the U.S. Air Force Air Mobility Command includes 4,000 to 6,000 initial, upgrade and recurrent training events each year for KC-10 pilots, boom operators and flight engineers. We perform contractor logistics support on Weapons Systems Trainers (full flight simulators), Flight Training Devices and Aircrew Systems.

We hold a multi-year contract to provide training support for the KC-10A mission, employing full-motion weapons systems trainers, flight training devices and boom operator flight simulator to train KC-10A crewmembers. Through a modernization upgrade effort, we have added significant fidelity to the training devices with the addition of the VITAL visual system and a continuous global database allowing flight around the world without breaks in the visual scene.





T-38C Talon

We operate nearly 40 T-38 training devices as part of our contract for logistics support training for the T-38. The T-38C is a converted T-38A/B that incorporates major modernizations to its avionics suite, including an all-glass cockpit with integrated avionics displays, head-up display and an electronic “no-drop bomb” scoring system. This upgraded trainer aircraft is used primarily by the Air Education and Training Command (AETC) to

train advanced students in the fighter-bomber tracks of USAF pilot training. Complementing the aircraft is a new set of aircrew training devices including a 360-degree field-of-view Weapons Systems Trainer that allows for more advanced fighter maneuvering with the addition of the VITAL visual system. We maintain and support T-38C aircrew training devices at six USAF pilot training bases as well as operating a related Training System Support Center.



Military Pilot Training in Alabama

Our Learning Centers in Daleville and Dothan, Alabama, are devoted entirely to military pilot training. Located close to Fort Rucker at the U.S. Army Aviation Center, the Centers provide training using 30 aircraft, and flight simulators for the C-12 and UC-12B transport aircraft.



Fixed-Wing Qualification Training

Our instructors deliver the U.S. Army's Fixed-Wing Multi-engine Qualification course, centered on the C-12 (Beechcraft King Air 200), at our Dothan Learning Center near Fort Rucker, Alabama.