



Superior Flight Simulators for Business Aircraft

From Frasca International, Inc.

When you need reliable simulation for business aircraft, turn to the company known worldwide as the comprehensive source for flight simulation—Frasca International.

Frasca builds a wide range of training devices for business aircraft. These devices are designed to provide high fidelity simulation to meet the qualification standards required by each customer. Frasca can build Flight Training Devices or Full Flight Simulators to all FAA and JAA levels.

Aircraft specific cockpits, high resolution visual systems, Electric Control Loading, Digital Sound, Motion Systems, EFIS, FMS, state of the art instructor stations and a wide array of options make Frasca the choice of top flight training organizations and a wise investment for business aircraft users.

Frasca simulators and training devices utilize the latest technology to provide reliable and realistic simulation of the aircraft.



◆ **EFIS**—both simulated and stimulated EFIS systems are available. Simulated systems utilize PC technology and commercial displays. Stimulated EFIS systems use actual aircraft hardware driven by Frasca's computer and interface systems.

◆ **Frasca's Modular Interface System** places much of the interface in the cockpit instead of in central-



CESSNA CITATION

ized cabinets. This significantly reduces the number of connectors, wire harness



KINGAIR



size, and chassis size resulting in few assembly errors, shortened integration times



CESSNA 421

and higher reliability.

◆ **Digital Sound Simulation**

enhances the reality of Frasca's devices, simulating aircraft sounds and pilot communications. Sounds can be generated by synthesis or digital playback.

◆ **Electric Control Loading (ECL)** is an advanced design that accurately simulates the forces acting on the aircraft control surfaces in both static and dynamic conditions providing realistic levels of resistance and inertia to the control



B58 BARON



HS-125



737-400

stick and rudder pedals during taxiing, take-off, landing ground roll and the entire range of the aircraft

flight envelope.

◆ **GIST**, Frasca's Graphical Instructor

Station is an easy to use, powerful instructor's tool that provides the instructor with complete control of the

simulation environment.

It also allows the

instructor to monitor the simulator and pilot's performance through graphical mapping

programs. Lesson plans automatically

control the simulator by triggering events based on conditions such as time, altitude etc.



GIST

◆ **Motion Systems**—3 and 6 axis motions systems provides realistic motion cues on Frasca's Full Flight Simulators.

◆ **Frasca's FVS-200TX** textured visual system provides realistic out the window scenes that can be customized for specific airports and geography. Visual system are available in single or multiple channel configurations with CRT, projection or collimated display systems.

◆ **Computers**—Frasca simulators utilize PC technology ensuring high reliability and availability of spares. Several PCs, each performing separate tasks are integrated together providing superior processing power and speed.



◆ **Cockpits**—Frasca simulators use cockpits that duplicate the aircraft. These cockpits can be scratch built utilizing aircraft parts and data or can be based on remanufactured salvaged aircraft cockpits and parts.

◆ **Qualification**—Frasca Flight Training Devices and Full Flight Simulators can be qualified or certified at

all levels. Appropriate documentation and auto test systems are available.

*For more information
on Frasca devices, contact:*



Simulation from the ground up.

906 East Airport Road
Urbana, IL 61802-7407

Tel: (217) 344-9200

Fax: (217) 344-9207

email: simulators@frasca.com

www.frasca.com

