

Flight Management System Trainer

[Airbus Family]

THE INTELLIGENT TRAINING SOLUTION



A300-600 / A310 A320 A330 A340

INTERACTIVE FREE-PLAY SIMULATION

DEVELOPED IN COLLABORATION WITH AND VALIDATED BY AIRBUS

GENERAL

FREE-PLAY TRAINER

The FMG(E)S trainer provides full free-play simulation of the Flight Management Guidance and (Envelope) Systems.

Whether in 2D or 3D configurations, these trainers are excellent devices for accelerating the transition of pilots to today's sophisticated glass-cockpit aircraft.

They provide a low cost and pressure free environment, fulfilling a wide range of training requirements.

These high-fidelity trainers are the right tools to understand system philosophy, mechanization and skills.



In service in Airbus Training Centers since 1995.

BENEFITS

- Designed in full cooperation with AIRBUS.
- Quick return on investment by reducing Full Flight Simulator sessions (FFS).
- Decreases overall training costs.
- Accelerate transition training for pilots moving to glass-cockpit by replicating situations that could otherwise only be carried out in a FFS.
- Provides wide flexibility of training methods.
- Low-pressure training environment.
- Enhances classroom instruction.
- Improves retention.
- Sophisticated Simulation Software by providing smooth and realistic high fidelity Primary Flight Display (PFD) and Navigation Display (ND) representation, integrating both Captain and F/O MCDU, FCU, Thrust Levers, Flaps / Slats control lever.
- Performance engineers / dispatchers training. Efficient tool for performance data entry and calculations.
- Maintenance technicians training.
- PC / Windows environment. Equipment guaranteed for durability and reliability, as well as effective after sales service.



AIRBUS

The product is developed in close cooperation with Airbus for almost 10 years on crew training tools and PC based simulators. These equipment are in operation in all Airbus Training centers.

FMGS A320 2D



FMGS A330 2D



FMGS A340 2D



TRAINING EVENTS (PARTIAL LIST)

- General familiarization.
- Pre-flight.
- Take-off.
- Climb.
- Cruise.
- Descent.
- Approach.
- Landing.
- Go-around.

3D COCKPIT

- Modular cockpit architecture.
- Active panels and components : MCDU, FCU, thrust levers, slats / flaps controls, speed brake handle, landing gear lever and engine master switches panel.



OPTIONS

- FMGS Load : FMS "Legacy" (Honeywell), FMS II (Honeywell and Thales/Smiths).
- Customized ACARS.
- PTT for desktop implementation (MCDU / FCU).
- Guided practice.

DEDICATED CUSTOMER SUPPORT

- With each sale, we aim at forging a partnership with our customer that lasts throughout the lifetime of the product. Complete customer satisfaction is our number one goal.
- We offer a full range of services to optimize the performance of your trainer :
 - Technical assistance
 - Timely distribution of Technical Support Bulletins

FEATURES

- Free-play FMGS simulation software.
- 2D desktop trainer configuration available.
- Realistic 3D mock-up available.
- Dual-sided FMGS operation.
- Fully dynamic aircraft model.
- Effectively simulates actual FMGS operation on the PDF / ND, integrating the MCDU and FCU as well as throttles and flaps / slats controls.
- Stores snap shots / lessons plans.
- Runs on standard PC platforms.
- Accommodates customer navigation database, including company routes.
- Engine out for ETOPS.
- Units : metric or imperial.
- Radio altimeter (Collins or TRT).
- Number of ADF receivers : 1 or 2.
- FCU standard : M9 or M11.
- Altitude callouts : all callouts can be selected individually.
- QFE option.
- GPS equipment : active or inactive.

Hardware replica



- Service Information Letters
- Customization services
- Installation and training services
- Software upgrades...

- For faster and more convenient service in fulfilling your support requirement, we have one point of contact : the Customer Support Manager.