SERA

Simulated Environment for Realistic ATC

With our partners at ASTi, we are now pleased to offer you SERA, the Simulated Environment for Realistic ATC. SERA can be fully integrated with our Flight Training Devices and FMC Procedural Trainer to create a dynamic airspace with interactive Air Traffic Controllers and other aircraft on the ground and in the air. This dramatically increases realism for all your flight training, improving students' situational awareness while reducing instructor workload to create a better learning environment with the adoption of Competency-Based Training techniques.

SERA eliminates the distractions of instructor role-play by providing accurate real-world communications from push-back and taxi to take off, climb, and cruise with a vectored approach to landing. All these require correct voice procedure for your flight between any of the world's airports. A go-around situation can be created using the touch-screen Instructor Operating Station to inject further trainee workload, and SERA correlates the visual depiction of external traffic in all of our product versions, allowing TCAS RA events to be practiced.

In LOFT/LOE Scenarios, crews will receive—and must correctly read back—specific SID & STAR instructions while listening out for their own call sign amongst adjustable levels of other traffic which are present in the real world. All airlines will push back from the correct gates and receive clearances to their usual destinations according to the airport, date, and time of your simulated scenario.

Unique speech-recognition technology teaches and reinforces correct FAA/ICAO RT phraseology to new pilots with each controller having a unique, realistic "human" voice which can have a variety of accents. SERA is also a highly effective tool to teach students who speak English as a second language.

AVIATE
TRAINING TECHNOLOGIES

Next Generation Training Solutions

Our new B737NG solutions significantly reduce your Level D simulator time and costs for:

- Type Rating Training
- New FAA ATP Certification Program
- Category C Airfield familiarizations for challenging "threat & error" destinations
- LOFT, Command preparation and CRM development, especially situational awareness, task management, and communication skills
- Jet Orientation (JOC) and Multi Crew Cooperation (MCC) Courses
- Competency-Based Training in preparation for LOE & ATP/ATQP
- Manual Handling Skills proficiency to maintain and improve crews' performance

Aviate Introduces Revolutionary Boeing 737NG Product Range

Our complete product range, from standalone FMC/CDU hardware to the unique FMC Procedural Trainer and our full-cockpit Flight Training Device, shares common software and hardware with accurate replica switches and selections. The FMC and FTD units are available with the groundbreaking Simulated Environment for Realistic ATC (SERA) speech recognition technology from our partners at ASTi. The intuitive, interactive Instructor Station is also a valuable add-on.

With on-site or remote technical support packages, you can locate devices at multiple base locations as well as your central training establishment. Please contact us to discuss your requirements. We'd be happy to arrange a visit to our Training Center to see the Flight Training Device and CDU/FMC Trainers.

AVIATE
TRAINING TECHNOLOGIES

Aviate Training Technologies
19 Colquhoun Avenue
Hillington Park, Glasgow
G52 4BN, UK
w: www.aviatett.com
t: +44 (0) 141 375 7378
m: +44 (0) 795 070 2537