



**Airbus A320
FNPT II MCC**

Certification Level:
EASA CS-FSTD (A)
Issue 2 FNPT II MCC



ELITE A322: Your partner in aviation training

Elite Simulation Solutions is a global provider of IFR training software, flight controls and flight training devices. We build and support EASA, FAA, CASA, ANAC and DGCA (among others) approved flight training devices and offer custom programming to both private and government entities. Our hallmark is quality and our creed is excellent customer service.

Since 1987, ELITE® (acronym for Electronic IFR Training Environment) has provided IFR simulation software for pilots world wide. Quantum leaps in computer technology have allowed us to be aggressive in product improvement in both software and flight control engineering. This evolutionary process has resulted in open and flexible flight training systems for personal and institutional training programs. ELITE® offers desktop trainers and full cockpit training devices with multi-screen visual systems. We are committed to continual improvement and innovation and our goal is to provide pilots and schools with high tech / low cost simulation solutions.



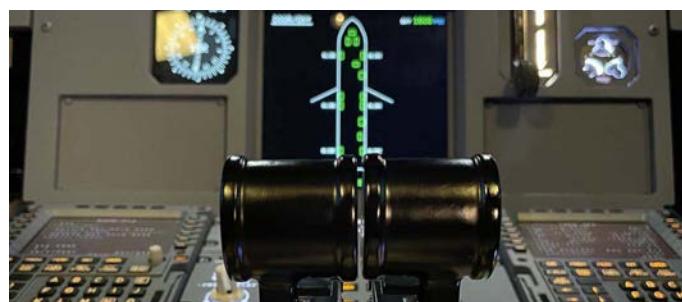
A322 Capabilities

Features



Training applications covered:

- Jet Transition Training
- Jet Orientation Training
- Multi Crew Coordination Training (MCC)
- Enhanced MCC Training to Airline Pilot Standards (APS MCC)
- Procedural and SOPs training
- Crew Resource Management Training (CRM)
- Systems Familiarization
- Instrument Training including Glass Cockpit Familiarization
- Emergency Response Procedures Training
- Threat and Error Management



Key Devices Features

- Autopilot and FMS equipped Flight Simulation Training Device
- HD Curved projected visual
- The Instructor Operator Station software allows for an intuitive manipulation of aircraft systems and failures with customizable event triggers.
- Worldwide database
- Ground and flight operations, including normal, abnormal, and emergency scenarios can be trained.

Why buy an Elite A320?

- 35 Years of experience
- 450+ Elite Certified Simulators in 51 countries
- Certification Guaranteed
- ISO 9001 Company
- Small Footprint & Easy Facility
- 99.8% average uptime
- Easy Automatic QTG

The Elite A320:

- OEM Sidesticks
- Upgradable to FTD 2
- Up to 6.5m HD Projection Screen
- Excellent Marketing Tool
- Top profit Generator



Technical Proposal

Flight Deck Specification

- OEM A320 professional Side Sticks
- High quality Panels
- Dual-linked self-centering rudder pedals with toe brakes & control loading.
- Thrust levers complete with reverse levers, motorized trim wheels.
- Flap levers and speedbrakes.
- Tiller (CPT and FO), parking brake and alternate gear extension handle
- Electrical Captain and Copilot seats
- Intercom system for communications between pilots and instructor
- Oxygen masks & optional add-ons

Simulation Specification

- Dual Primary Flight Displays with pilot-controlled V-speeds, MDA/DH, and barometric pressure
- ECAM system with extensive ECAM actions
- Dual Radio Tuning Units
- Realistic FMS/MCDU with worldwide database
- Auto Flight Control System
- Systems programs: to control APU and engine starts/shutdowns and control electrical, hydraulic, environmental, anti-ice and fuel systems with proper response to pilot inputs and tests
- Audio Integration System

Visual System



- 4m to 6.5m wide professional projection screen
- 220 degrees horizontal and 45 degrees vertical FoV
- Three overhead projectors with blending
- 5760 x 1080 pixels (6.2 million pixels)
- Eye Point Adjustment through IOS station

Instructor Operator Station

- Control Panel (intuitive GUI)
- Enclosure with desk, two Flat panel touch monitors
- Software capable of easily repositioning the aircraft, adjusting time and weather
- Loading saved scenarios
- Track and Departure/Approach plots
- Simulation of a large variety of failures
- Display of a moving map that shows aircraft position, surrounding airports, and navigational aids
- QTG test software

Malfunction Systems & Characteristics

- Failures: engine, flight control, and navigation, hydraulic and electrical failures.
- Component correctly degrade with side effects (combined failures possible)

All failures

- can be triggered manually or pre-programmed
- can be reset in flight without further consequences
- have their ECAM procedures rigorously implemented Scenarios with armed failures can be saved to speed up the training.



Optional upgrades

- FTD 2 Possible
- OEM Seats
- Pressurised Oxygen masks
- Smoke Generator & Filtration system
- UPS Power backup
- Butt-kicker

License Rating	Training item	FCL Requirements	FNPT II	FNPT II MCC
PPL	Training	45 hrs	5 hrs	5 hrs
ATP Integrated	Instr. Training	55 hrs	40 hrs	40 hrs
ATP Integrated	MCC	15 hrs	-	15 hrs
MCC	Training	20 hrs	-	20 hrs
CPL/IR Integrated	Instr. Training	55 hrs	40 hrs	40 hrs
IR Modular	Instr. Training	10 hrs	5 hrs	5 hrs
ATPL	Experience	1500 hrs	25 hrs	25 hrs

Delivery and Installation



Documentation
& Manuals



Instructor
Training



First class
customer service



24 months
warranty

Your partner in aviation training



Flight school

Individual solutions for all flight school requirements. Call us to discuss how we can help you maximize your potential.



Certified

EASA, FAA, CASA, CAA, DGAC, DGCA approved flight simulation solutions.



Price

Cost effective solutions without quality compromise. We will work with you to find the most cost effective solution.



ELITE Simulation Solutions AG

Im Schörli 1
8600 Dübendorf
Switzerland

Contact

Rene Huddlestone
Director Marketing & Sales
rstone@flyelite.ch • +41 43 355 19 40