



Airbus H135 FNPT II MCC

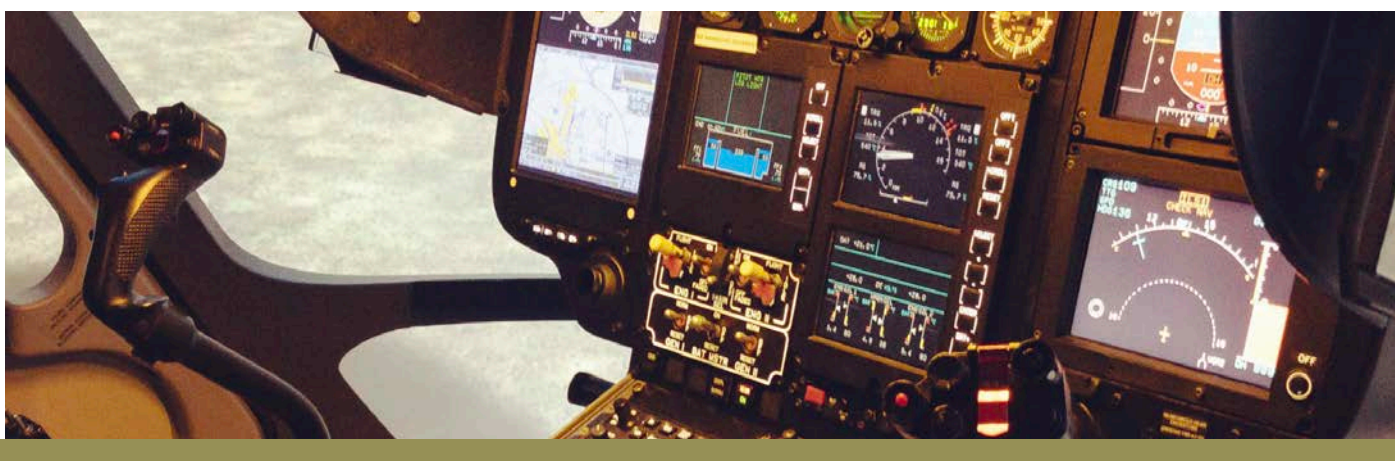
Certification Level:
EASA CS-FSTD (A)
Issue 2 FNPT II MCC



ELITE H135: Your partner in aviation training

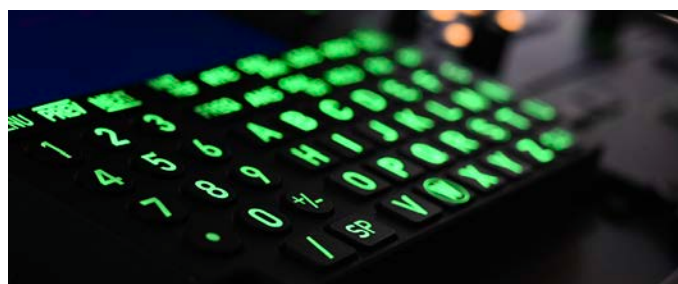
Elite Simulation Solutions is a global provider of IFR training software, flight controls and flight training devices. We build and support EASA, FAA, CASA, ANAC and DGCA (among others) approved flight training devices and offer custom programming to both private and government entities. Our hallmark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



H135 Capabilities

Features



Training applications covered:

- Basic and advanced instrument training
- Navigation and procedural training
- Procedural and SOPs training
- Systems Familiarization
- Practice of instrument approaches not commonly used by particular crews
- ILS, VOR and NDB approaches
- PBN / RNP approaches (LNAV – LNAV / VNAV – LPV)
- Hand flying and instrument scans
- Autopilot operation
- Crew familiarization of instruments and panels
- LOFT combined with emergency conditions
- Emergency procedures and drills
- VFR Emergency Training
- Competency-based Training

Key Devices Features

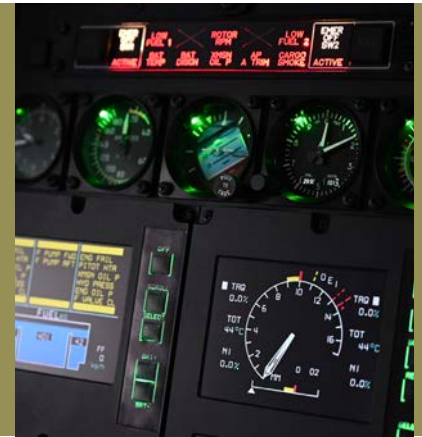
- Dual control seat
- Capable of representing all aspects of the operational envelope and featuring a Central Panel Display System
- Allows for comprehensive helicopter training
- Ergonomically laid-out Instructor Operator Station
- The Instructor Operator Station software allows for an intuitive manipulation of aircraft systems and failures with customizable event triggers.
- Highly accurate airport modeling
- All phases of ground and flight operations, including all normal, abnormal, an emergency scenarios can be trained in detail.

Why buy an Elite H135?

- 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 H135:

- FNPT II / FNPT II MCC / FTD2
- Compact design
- Cockpit Shell
- Avionics panel



Technical Proposal

Flight Deck Specification

- High quality panels replicating the actual H135 helicopter
- Interior trim pieces
- Heavy duty anti-torque pedals
- Professional grade Cyclic Stick
- Central Panel Display System (CPDS) with VEMD and CAD
- Style full size cockpit enclosure
- Pilot and Co-Pilot seat capable
- Original helicopter intercom system
- Overhead panel
- Two Original GTN750

Visual System



Three channels curved forward projection utilizing three overhead projectors
200°x46° FoV (actual continuous, unobstructed screen view is approx. 700 x 160 cm).
The system includes image projectors, image generators and projection screen. The advantage of this projection system is the very large FOV and low ceiling height requirements.

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

Simulation Specification

- Advanced flight dynamics
- Communication, navigation and other warning devices
- Relevant environmental sounds
- The cockpit skin is Fiberglass based
- Spacious enclosed instructor cabin

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

- Dome with laser projectors
- Upgradable to FTD Level 2

| License Rating | Training item | FCL Requirements | FNPT II / III | FNPT II / III MCC |
|----------------------|-------------------------------------|------------------|----------------|-------------------|
| PPL | Training | 45 hrs | 5 hrs | 5 hrs |
| ATPL / IR Integrated | Visual/Basic instr/Instr Rating/MCC | 130/10/40/15 hrs | 20/20/-/15 hrs | 20/20/20/15 hrs |
| CPL / IR Integrated | Visual/Basic Instr./Instr. Rating | 130/10/40 hrs | 20/20/20 hrs | 20/20/20 hrs |
| CPL Integrated | Basic Instrument | 10 hrs | 5 hrs | 5 hrs |
| MCC | IR/VFR | 20/15 hrs | -/- | 20/15 hrs |
| IR Modular | SE/ME | 50/55 hrs | 35/40 hrs | 35/40 hrs |
| ATPL | Experience | 1000 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.



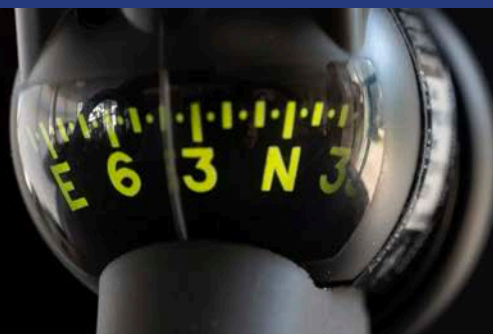
Certified

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

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