



**BOEING 737  
FNPT II MCC**

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



# ELITE B737: 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 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.



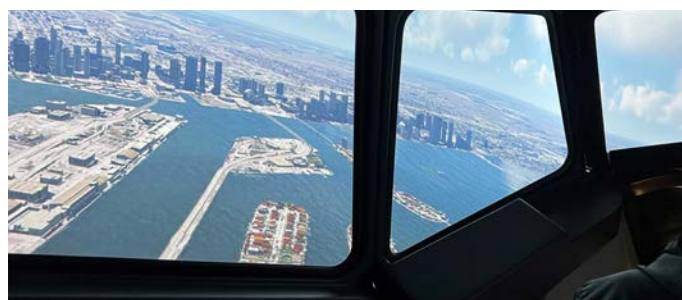
## B737 Capabilities



### Training applications covered:

- 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

## Features



### Key Devices Features

- Autopilot and FMS equipped Flight Simulation Training Device
- 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
- Ground and flight operations, including normal, abnormal, an emergency scenarios can be trained in detail.

## Why buy an Elite B737?

- 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 B737:

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



# Technical Proposal

## Flight Deck Specification

- High quality Panels
- Interior trim pieces
- High-quality Yoke & trim with control loading
- Dual-linked self-centering rudder pedals
- Motorized thrust levers complete
- Flap levers complete with gates
- Tiller (CPT and FO), parking brake and alternate gear extension handle
- Seats capable of forward and backward movement
- Intercom system for communications
- Headset with intercom

## Simulation Specification

- Dual Multi-Function Displays with multiple display formats
- Dual Primary Flight Displays with pilot-controlled v-speeds, MDA/DH, and barometric pressure
- Realistic EICAS system
- Dual Radio Tuning Units
- Realistic FMS/MCDU with worldwide database
- Auto Flight Control System
- Navigation Database
- Systems program: 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 visual screen
- 220 degrees horizontal and 45 degrees vertical
- Three overhead laser projectors
- 5760 x 1080 pixels (6.2 million pixels)
- Eye Point Adjustment through IOS station
- Warping and Edge Blending



## 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 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 (combine failures possible)

### All failures

- can be triggered manually or pre-programmed
- can be reset in flight without further consequences
- have their EICAS procedures rigorously implemented

Scenarios with armed failures can be saved to speed up the training



## Optional upgrades

- Upgradable to 737 MAX & FTD 2
- 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.



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