

## **ABOUT THE 737 SIMULATOR**

The simulator has been developed to provide you with a highly realistic, enjoyable and immersive experience. When you step in the door you will be amazed at how real-to-life it is inside.

The main features of the simulator are:

- Genuine 737 control columns, yokes, rudder pedals and steering tiller.
- Genuine 737 crew seats, plus an observer jump-seat.
- Fully-independent controls, panels and displays for 2-crew operation.
- Authentic panels with every switch, button, light and indicator included (90%+ are fully functional and simulate the operation of a modern jet airliner).
- Authentic cockpit interior.
- Authentic instrument displays, control panels and modes.
- Authentic throttle quadrant, with full automation and movement.
- 270 degree wrap-around display system with full-color outside views.
- Complete virtual world with geography, terrain, real-time weather, day/night/twilight, seasons and environmental effects.
- Database of over 20,000 airports from across the world, including many in high detail.
- Fly with optional levels of difficulty, weather scenarios, systems failures and virtual traffic levels.
- Multiple surround-sound and vibration systems that provide real-to-life sound and feel.

## FURTHER INFORMATION FOR AVIATION ENTHUSIASTS AND PILOTS

The simulator has an extensive and impressive level of fidelity and functionality. It simulates systems to a high level including:

- 2 x fully independent:
  - Primary Flight Displays (PFD)
  - Navigation displays (ND)
  - Electronic Flight Information System (EFIS) control units.
  - Control Display Units (CDU / FMS).
  - Electronic Flight Bag (EFB) units.
- Mode Control Panel (MCP).
- Authentic Automatic Flight Director System (AFDS) and logics
- Upper and lower EICAS displays.
- Weather radar, terrain and TCAS display simulation. Current navigation database with full world coverage including routes, SIDS, STARS and approaches. Forward and Aft Overhead panels with extensive functionality.
- Functioning Autothrottle. spoiler arm and trim wheel movement.
- Avionics pedestal with:
  - 2 x NAV radios
  - 2 x COM radios
  - 2 x ADF radios
  - Transponder
  - Audio control panels
  - Fire control panel
  - Carfo fire panel
  - Radar panel
  - Rudder trim
  - ACARS printer
- Fully configured for flight in online virtual aviation environments – including virtual ATC, full radio comms. and traffic.
- Modelled as close as possible to Virgin Australia 737-800 (26W) aircraft.
- Developed with testing and feedback from current 737 airline pilots.

## FREQUENTLY ASKED QUESTIONS (FAQ)

Do I need any flying knowledge or experience to use the simulator?

- No – none at all. We've got a range of flight adventures that cater for people with no prior experience, and all fully-assisted and guided by one of our friendly instructors.

Does the simulator move?

- The simulator is 'fixed-base' and not full-motion. However the wrap-around display that you will see through the cockpit windows, the sounds, the vibrations and the whole environment will soon have you believing you are "there".

Does anyone experience motion sickness?

- This does happen on rare occasions as your brain may perceive that you are moving when the simulator is actually stationary. This is easily solved by pausing and closing your eyes for a few moments. Note that we don't allow extreme maneuvers so the movements you will perceive are gentle.

What happens if I ``crash``?

- Well, the good thing about simulators is there is absolutely no harm done. But we provide you with all the guidance you need while at the controls to help prevent that from happening. But if you should contact the ground "a little hard" you'll see and feel a jolt, but it won't stop the simulator or your adventure.

Can I do anything I want with the simulator?

- We do have some restrictions. For inexperienced flyers we ask you to select from one of the pre-packaged flight adventures. More experienced flyers and real-life pilots can be given more choice – at our discretion. We do not allow the simulator to be used in ways that simulate violent or illegal acts.

Can I bring friends or family to observe my flight?

- Sure! You may bring one observer to sit in the cockpit with you for no extra charge. Observers are not permitted to swap with you in the pilots seat.

Can I share the flying with someone else?

- Each of our flight packages are for one pilot only—unless otherwise advertised. Check our specials page to see if we have any multi-pilot offers available.

Can I drop in and have a look?

- By all means – we have a store and lounge area and you're welcome to have a look around, take a seat and watch the video display. We sometimes put a feed from the cockpit on the display. If the simulator is not in use you can have a peek through the cockpit door, however only paying customers get to go through the door.

Can children use the simulator?

- The simulator is complex and expensive, so we have a minimum age limit of 10 years of age.

Can people with disabilities use the simulator?

- This depends on the mobility of the person. The cockpit is naturally a cramped space, however we have provided extra seating width to allow for greater flexibility. Entry width is a little tight. Please call us to discuss individual needs further.

I have a fear-of-flying - will I be ok?

- We'll do everything we can to ensure that you will be fine. This is a surprisingly common issue and our staff have worked with customers who have various levels of fear-of-flying in the past. Please talk to your instructor when you come in about any fears and anxieties you have.