

Britannia
flightsimulator.co.uk

**BOEING 737
NEW
GENERATION
COCKPIT FLIGHT
SIMULATORS**

**FOR SALE
WITH
INSTALLATION**



Our B737-800NG Cockpit allows people of all ages to practice the aircraft systems and procedures and to visualize the response.

It has been built to scale and is composed of fully functional cockpit modules.

Currently we offer 3 models of the cockpit :

- Open structure with only Captain side.
- Open structure with Captain and F.O.
- Closed Cockpit shell with all components.

CAPABILITIES:

This cockpit is capable of procedure training for normal, abnormal and emergency procedures.

The trainer includes IFR instruments, Navigation instruments, and can be practiced FMC procedures, level of autoflight, F/D, Autopilot, Autothrottle and checklists with engine fails, system fails...





All the components of the simulator are modular, which implies an easy and low maintenance cost.

The measurements are the same as in the simulated aircraft, as well as the functionalities, where practically all the elements are operative. The panels are all backlit in warm white, generating the same cabin environment as the real plane.

Our products are adapted to the different uses that the client wants to make of the simulator, both for purely private use, and to be marketed as an entertainment simulator, in flight schools for procedural and flight practices ...

Britannia Flight Simulator offers a wide variety of options to adapt to the needs of the client.

MAIN INSTRUMENT PANEL

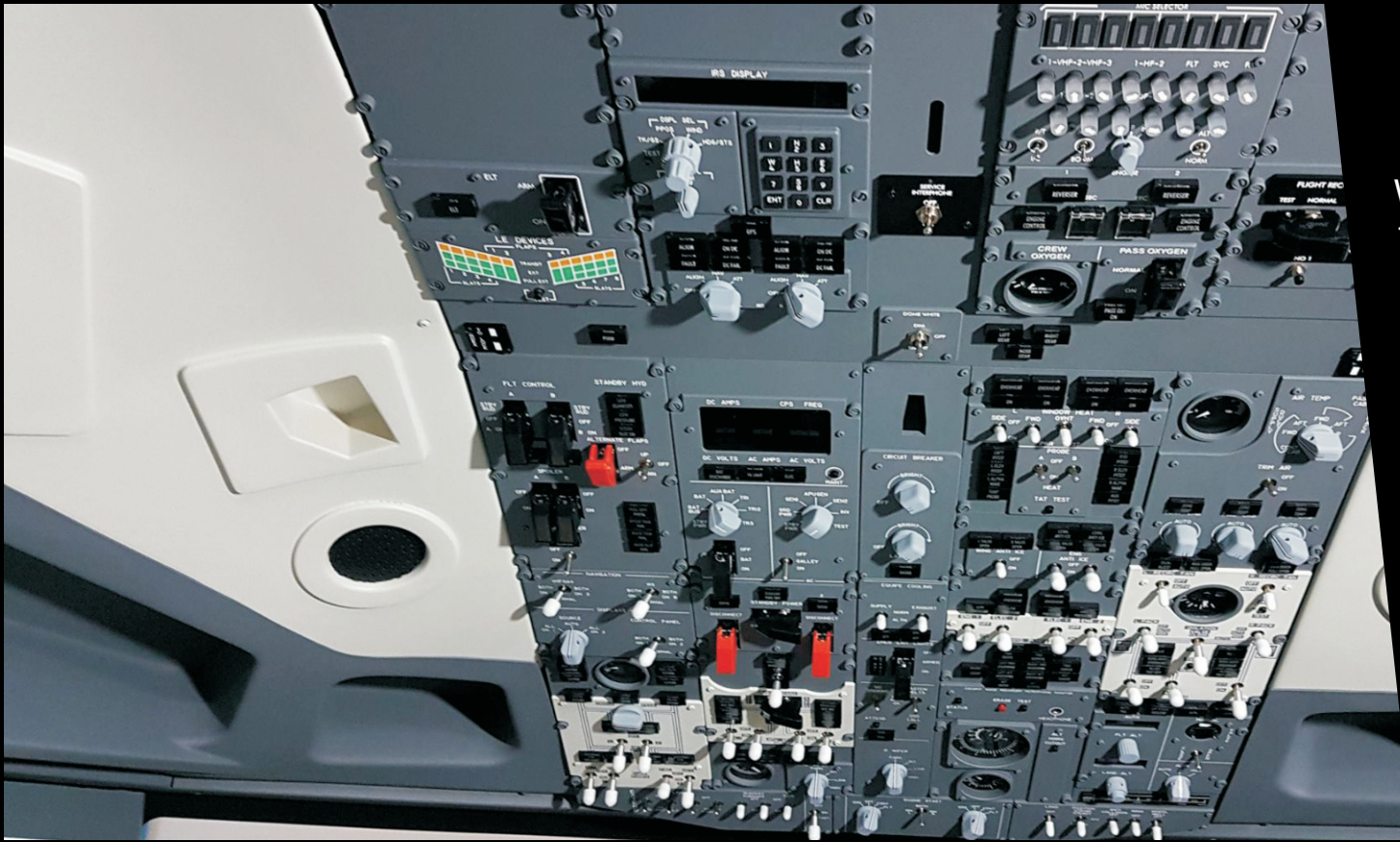
Manufactured in metal and painted in the oven with textured paint.

Includes all elements such as MCP, EFIS, CDUs, and other additional panels.

It has industrial displays for PFD, ND and EICAS, as well as Standby instruments, which are functional in terms of their visualization.

Includes ambient led light, landing gear lever, analog gauges, all of them operative.





OVERHEADS UPPER AND FORWARD

With the same philosophy as the rest of the cockpit, the Overheads are designed in a modular way, for easy and quick access to any of its parts, so that maintenance costs are minimal.

All the gauges are operative, as well as all its elements, including the engine start system, which, as in the real plane, once the engines are started, the switches automatically return to their position.



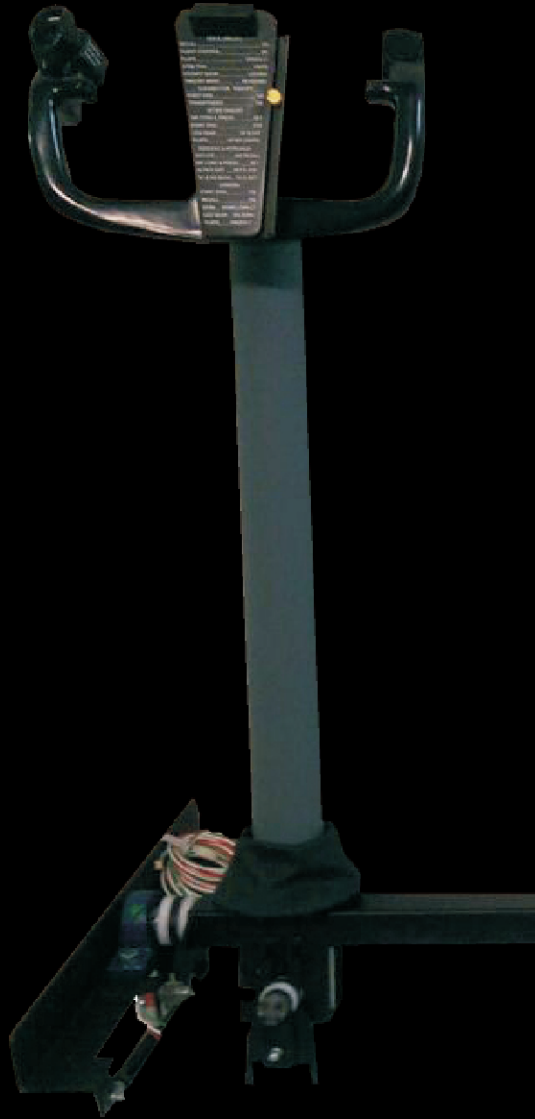
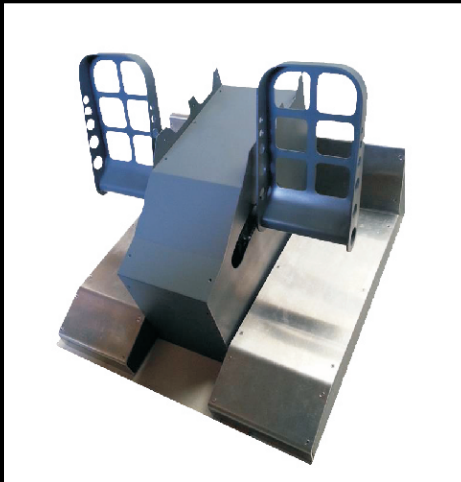
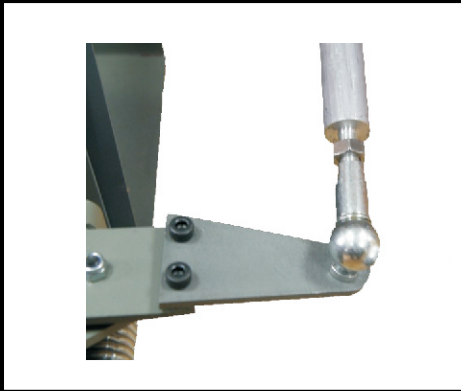
PEDESTAL

This module is composed of a rack in aluminum painted in the oven, where following the same philosophy as in the rest of the cockpit, each element is connected individually, being able to replace each of them easily and quickly.

The configuration of 2 COM, 2 NAV, 2 ADF and ATC allows a perfect simulation of the entire system, with special attention to the anti-fire panels.

All the backlight is controlled from the panel itself on the pedestal, including the door closing panel, which some customers are connected to a real door at the entrance.





YOKES, RUDDERS PEDALS & STEERING

All the controls of our cockpit are designed in a robust way, using iron and cast aluminum for them.

The control loading is not electronic, and is done by spring and in the case of yoke by pneumatic system, which can be adjusted for the customer.

The double controls are physically connected through links.

All controls use 12-bit analog / digital converters and software filter to achieve greater motion sensitivity.

THROTTLE QUADRANT

It has all the features of the real throttle, with motorization for the movement of the power handles of the engines, Speed Brakes with Flight detent, Trim wheel, trim indicators and parking brakes. The trim also works in manual mode and the entire module is backlit. It is 98% built in aluminum and steel.





PILOT SEATS

Awesome replica B737-scale pilot seat with details such as:

- * J-Rails with adjustable displacement.
- * Adjustable seat height.
- * Tilt adjustable backrest.
- * Height adjustable backrest.
- * Adjustable lumbar area.
- * Folding and height adjustable armrests.
- * Quilted and fleece lining as real.
- * Bag for lifevest.
- * Warning indicators and instructions sewn and glued to the backing fabric.
- * Headrest optional

Strong steel construction,



VISUAL SYSTEM

System based on 3 x 50" displays 4K resolution with supports for a wrap around view.

SURROUND SOUND SYSTEM

This is a system that creates the perfect, realistic sounds of the aircraft 5 x powerful speakers and bass subwoofer.

INSTALLATION & PROGRAMMING

The Boeing 737-800 NG Cockpit at www.britanniaflightimulator.co.uk was designed, constructed, installed and is maintained by myself, David Naylor.

The story attracted plenty of media interest and is soon to be featured in a documentary on the Discovery channel.



As I will be personally installing and programming your 737 cockpit you can have peace of mind that you are in the best hands.

COMPUTERS AND ELECTRONIC SYSTEM

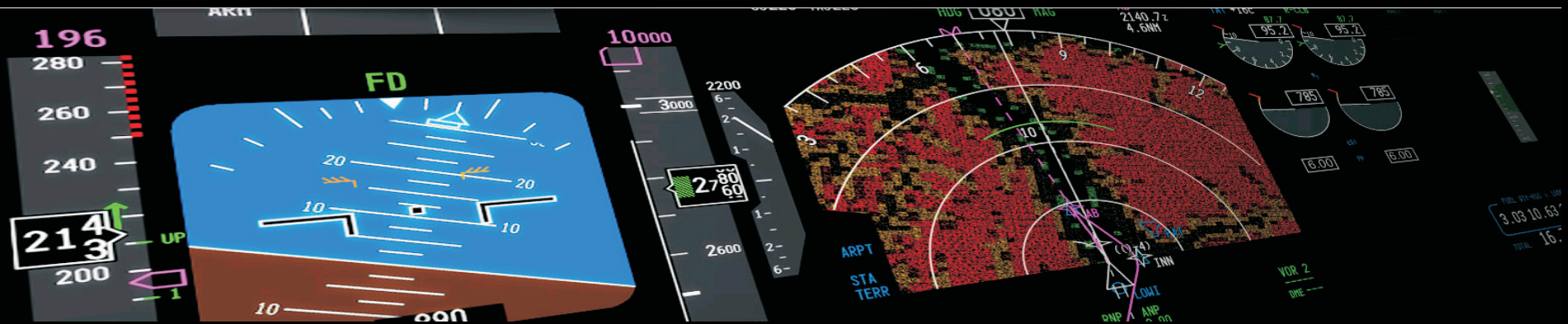
To have the best possible flight simulator experience you need to have the best available computers, graphics cards and software.

We provide a system of industrial computers and electronic racks.

The rack includes 2 computers, 1 main with Intel latest generation processor i7, x2 powerful Nvidia RTX 2080ti graphics cards
The other computer dedicated to avionics.

The system includes ethernet switches, industrial USB hubs, Wifi modem, wiring, several converters and everything necessary for a perfect connection with the cockpit.





SIMULATION SOFTWARE

Our simulator is prepared to be used directly with X PLANE 11

The various software programs used by the installation team would complete the simulation of the B737's cabin.



DIFFERENT OPTIONS OF COCKPITS



Full Cockpit
with Shell



Cockpit
without Shell
and Floor

Fully Working Brand New Cockpit
with all highest spec computers/
screens/sound/software/delivery/
installation = £94,995.00 (inc vat)



Only for
Captain
seat



Full Cockpit
without Shell

*Email for specific quotations/options to - David Naylor at
britanniaflightsimulator@gmail.com

OPTIONAL COMPONENTS



STICK SHAKERS

Like the real system, those stick shakers connected to the simulation contribute to a greater realism by generating vibrations on the control columns



SEAT BELTS

Replica of Seat Belt for use with our seats.



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