Cockpit Procedures Trainer (CPT)

PacSim

Flight Training Device (FTD)

PacSim

PacSim design & manufacture fixed-base, flight simulators for the global pilot training market.

It is the ideal solution to reducing costs and improving training outcomes for Type Ratings and Multicrew Pilots License training.

Airlines have the ability to utilise these devices for training that compliment their Full Flight Simulators.

Flight Schools and Universities can enhance their pilot training product range by offering advanced training such as Jet Orientation, pre-Type Rating and Multi-Crew Courses.

These configurations are available:

- Boeing 737 NG and MAX
- Airbus 320 CEO and NEO
- Airbus 330 CEO and NEO
- Airbus 350
- Other/s upon request

TRAINING APPLICATIONS:

- Type Rating Credits
- Multicrew Pilots License (MPL)
- Jet Transition / Jet Orientation Courses
- Multi Crew Cooperation (MCC) Courses
- Procedural and SOPs training
- Systems familiarisation training
- Simulator assessments for pilot recruitment
- Instrument training including glass cockpit familiarisation and Instrument Rating training / recency / renewals
- Aircraft Maintenance Engineer (AME) training
- Flight Deck Orientation and Familiarisation Courses (such as for Air Traffic Controllers and Cabin Crew)
- Human Factors courses

"With a global pilot shortage the subsequent high demand for pilots, FTD's are a logical choice. At less than 20% of the price of an FFS these devices can provide around 50% of the TR training outcomes. The PS4.5 is the practical and affordable solution."

Key Features

- Fully enclosed flight deck with instructors station and observer seats
- Genuine aircraft OEM flight controls, rudder pedals, steering tiller, VU panels and throttle quadrant
- Extensive aircraft systems modelling
- OEM Flight Management System (FMS)
- Autopilot and flight director systems
- Surround stereo sound system and floor shakers
- Collimated visual system
- Navigation database
- Instructors Station with extensive features
- Meets EASA/FAA/ICAO qualifications
- Low maintenance and running costs

SPECIFICATIONS

PacSim

	Boeing	Airbus
COCKPIT	• Open cockpit, semi-enclosed cockpit, fully enclosed cockpit options available.	

COCKPIT FEATURES	• Fully functional panels and instruments including:
	  • Main Front Panel
	  • Mode Control Panel (Boeing) / Flight Control Unit (Airbus)
	  • EFIS Control Panels
	  • Overhead Panels
	  • Pedestal Panel and Centre Console
	  • Dual Multi Purpose Control Display Units (MCDUs)
	  • Primary and secondary engine displays
	  • Comprehensive ECAM displays (Airbus)
	  • *Circuit Breaker Panels (optional depending on certification)*	

SYSTEMS FEATURES	• Glass cockpit instrument displays including PFD and ND • Autopilot, Autothrust and Flight Director Systems • Comprehensive aircraft systems modelling including Fuel, Electrical, Hydraulic, Pneumatic, Pressurisation and Fire Protection Systems • OEM Flight Management System • Advanced autoflight capability including LNAV/VNAV, RNP approaches and autoland • TCAS • EGPWS • Weather and Terrain Radars	
FLIGHT CONTROLS	• Dual-linked Yokes with control loading and stick shakers Dual-linked Rudder Pedals (adjustable) with toe brakes • Steering Tiller (connected to Rudders)	• Dual Sidesticks • Dual-linked Rudder Pedals (adjustable) with toe brakes • Dual Steering Tillers • Advanced fly-by-wire control laws and flight envelope protection modelling
THROTTLE QUADRANT	• Motorised thrust levers / autothrust, trim wheels, trim pointers and Speedbrake with auto-deploy/stow • Reverse thrust levers and Flap lever • Engine Start levers	• Thrust levers with autothrust and reverse thrust detents • Motorised trim wheels • Speedbrake lever and Flap lever • Engine Control Panel

ABOUT US

Pacific Simulators (PacSim) is a Training Device Manufacturer (TDM) with a factory based in Christchurch, New Zealand and a sales office in Sydney, Australia.

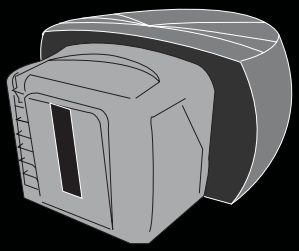
Founded in 2002, we manufacture a range of high-fidelity Flight Simulator Training Devices (FSTDs) for a variety of markets including pilot training, AME (Aircraft Maintenance Engineer) training, entertainment and private use.

Our FSTDs are located in around a dozen countries including Australia, China, France, Indonesia, Kuwait, Malaysia, New Zealand, Saudi Arabia, Singapore, Thailand and USA.

We specialise in Lower Level Training Devices designed for the 'airline bridging' flight training market. These are ideal for flight schools looking at expanding into the airline career and jet transition market and for airlines looking to reduce their FFS footprint.

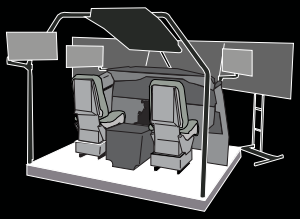
Our simulator training products are listed below.

PacSim



PS4.5
Enclosed Flight Training Device
Configuration options:
B737, A320, A330, A350, other/s

PS2.5
Semi-Enclosed, Cockpit Procedures Trainer
Configuration options:
B737, A320, A330, A350, other/s



FJ2000
Cockpit Procedures Trainer
Configuration options:
B737, A320, A330, A350, other/s

TESTIMONIALS

"It's been our goal to provide state-of-the-art facilities for students to complete their pilot training and leave ready to confidently approach airlines for a job position. We spent over a year researching different companies to help us with our solution, but only Pacific Simulators could do what we want at the price we were willing to pay."

BYRON LEGUISAMO
Chief Pilot, ADF Airways, Miami, USA

"This was the obvious choice for us to facilitate MCC training for our airline partner and student cohort. The device is ideal for this type of training and offers the highest level of functionality and fidelity for its value compared with any other alternative that we researched in its class."

BRIAN HORTON
Director of Flight Operations, UNSW Australia

"Nelson Aviation College is delighted with the product and support and we would certainly consider purchasing another simulator from PacSim because of the way they worked with us, and the capability, quality and performance of the delivered system."

GILES WITNEY
CEO, Nelson Aviation College, Nelson, New Zealand

Australia – Sales & Marketing
New Zealand – Manufacturing & Support

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PacSim