

THAI A380-800 FLIGHT SIMULATOR SPECIFICATION



Manufacturer	CAE
Simulated Aircraft	A380-800 Airbus Standard 1.4
Engine Model	Rolls Royce Trent 972
Approval	Civil Aviation Authority of Thailand (CAAT)
QTG Standard	EASA JAR-FSTD A Level D
Start of Operation	2013
Owner Name	Thai Airways International Public Company Limited
Valid Certificated	THAI DCA

Configuration

- CAE 7000 Series compartment
- Computer system using Intel-Based PC Workstations and Server for Real-time Flight/System Simulation, Electronic flight controls and re-targeted Avionics, Motion System, Instructor Operating Station, Sound system simulation,....,etc.
- Moog 6 DOF Full Electric Motion system
- Honeywell Aircraft Environment Surveillance System (AESS) Simulation Package including TCAS II Rev.7.1, EGPWS for Terrain Awareness and Warning System (TAWS) and Weather Radar with Ground Mapping Radar Function.
- Enhanced Taxi Aid Camera System (ETACS)
- On-board Information System (OIS)
- On-board Airport Navigation System (OANS) with Brake to Vacate (BTV)
- Air Traffic and Information Management System (ATIMS)
- Lesson Plans System
- Snapshot System
- Forward Facing IOS
- Simulated Smoke Generation

Visual System

Rockwell Collins EP8000 with 3 channels LCOS Projectors 200x40 Degrees Field of View

Visual Database

Bangkok Int'l airport, Suvarnabhumi, London Heathrow , Frankfurt International Airport, Hong Kong HKG, Los Angeles LAX, New York John F. Kennedy JFK, Paris Charles De Gaulle CDG, Singapore SIN, Sydney Kingsford Smith SYD, Tokyo Narita NRT, Zurich ZRH, Dubai DXB, New York Newark Liberty EWR, Geneva-Cointrin, Tokyo Haneda HND, Osaka Kansai KIX, Kuala Lumpur Sepang KUL, Manchester MAN, Nagoya Chubu Centrair NGO, Shanghai Pudong PVG

Main Instruments

- FMCs/KCCUs by Honeywell
- FWC by Airbus Simulation Package
- AESU by Honeywell
- EFCS by Airbus Simulation Package
- OIS NSS by Airbus Simulation Package

