THAI A330/A340 CONVERTIBLE FLIGHT SIMULATOR SPECIFICATION

Manufacturer	L-3 Link Simulation & Training UK Limited
Simulated Aircraft	A330-200 Airbus Standard 2.4
Engine Model	Rolls Royce Trent 772B-60
AP/FD	P3HJ0 (Honeywell/THALES 4VIONIC Retarget)
Aerodynamic data	GO.5.F00623601
Approval	Civil Aviation Authority of Thailand (CAAT)
QTG Standard	ICAO Doc 9625-AN/938 Second Edition-2003

Manufacturer	Thales Training and Simulation Limited
Simulated Aircraft	A340-600 Airbus Standard 2.0
Engine Model	Rolls Royce Trent 556-61
AP/FD	P2E5 (Honeywell/THALES 4VIONIC Retarget)
Aerodynamic data	GO.5.F00220805
Approval	Civil Aviation Authority of Thailand (CAAT)
QTG Standard	ICAO Doc 9625-AN/938 Second Edition-2003

Configuration

- Pentium PC with L-3 RACE IV (Reality 7 Concept) / Pentium PC with THALES RACE IV (2000x Concept)
- Real-time computing using Power PC multi-processor Architecture with Intel Pentium PCIX card slot Hosts for Flight/System Simulation, Electronic flight controls and re-targeted avionics, COSMOS ,Instructor Operating Station, Sound system simulation,…,etc.
- THALES concept 2000X Digital Electrical control loading and 6 DOF Motion system (COSMOS system)
- Weather Radar System simulation
- Traffic Alert and Collision Avoidance System (TCAS II version 7.1) simulation
- Taxi Aid Camera System (TACS)
- FANS A+ and SATCOM simulation
- Enhanced Ground Proximity Warning System (EGPWS)
- Predictive Windshear System (PWS)
- Active Schematic Pages
- Lesson Plans System
- Snapshot System
- Forward Facing IOS
- Simulated Smoke Generation
- Worldwide Ground Station Data (GSD)

Visual System

Evans & Sutherland EP1000CT with Continuous Global Terrain with 3 channels wide 200 Degrees Horizontal

Visual Database

Bangkok Int'l airport, Suvarnabhumi, Beijing Shoudu (Dry/Snow), Busan, Chiang Mai, Chicago O' Hare Int'l (Dry/Snow), Frankfurt Main (Dry/Snow), Hong Kong Chep Lap Kok, Johannesburg, Kunming Wujiaba, London Heathrow, Los Angeles Int'l, Melboune, New York JFK (Dry/Snow), Paris Chales De Gaulle, Phuket, Rayong U-Taphao, San Francisco, Sappora New Chitose, Sydney Kingsford Smith Int'l, Tokyo Narita (Dry/snow), Zurich(dry/Snow)

Main Instruments

- FMGEC by Thales Avionics (Software)
- MCDU by Honeywell
- FWC by Aerospatiale (Software)
- DMC by Thales Avionics
- FCPC by Aerospatiale (Software)
- FCSC by Aerospatiale (Software)

AVIATION PERSONNEL DEVELOPMENT