



CESSNA CITATION CJ2 FTD, FNPT JAR FSTD-A FTD, FNPT

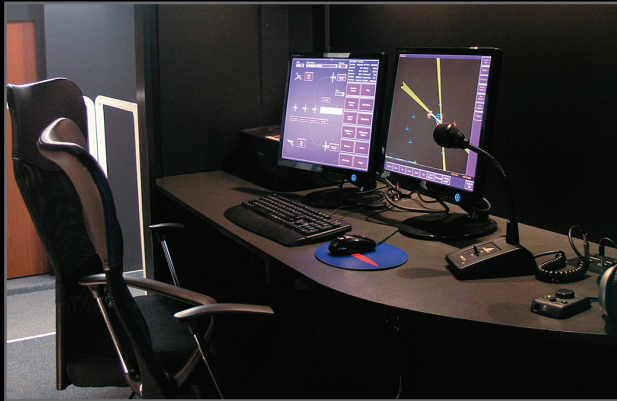
The CJ2 Flight Training Device (FTD), Flight and Navigation Procedure Trainer (FNPT) is built to and certified in accordance with the Joint Aviation Authorities standards. It features the direct cylindrical visual system capable of producing daylight/twilight/night scenes in 180-degrees horizontal and 45-degrees vertical Field of View. The sophisticated Electric Digital Control Loading System (EDCLS) recognizes and reproduces control dynamics, control forces, and displacement characteristics that correspond to those of the actual aircraft.



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The CJ2 FTD, FNPT enables high fidelity of flight training for initial and recurrent training.

A stand-alone on-board Instructor Operating Station (IOS) enables the instructor to set, control and record all relevant systems and flight parameters during the training session. IOS provides a variety of normal, abnormal, and emergency situations all applicable in real time, allowing the trainees to act and cope effectively with aircraft systems and environmental conditions (including wind shear and icing affecting airframe and engines).



Self-diagnostic software run on IOS or eQTG tool producing complete Electronic Quality Test Guide document required by the EASA or FAA are integral parts of the simulator.

MAIN FEATURES:

- Cessna CJ2 cockpit replica
- Collins Pro Line 21 Avionics
Standard avionics package CNI 5000
- Fixed base
- Electric Digital Control Loading System
- Cylindrical direct projection Visual System
- Instructor Operating Station with Graphical User Interface
- All-weather simulation
- Actual aircraft noise and communication inputs
- High definition world terrain data base, and detailed models of selected airports

TRAINING CAPABILITIES:

Normal procedures:

- Cockpit preparation
- Engines starting procedures
- Take off procedures

- Inflight procedures including Climbing and Cruise
- Descent
- Landing procedures

Abnormal and Emergency Procedures:

- Full failures package

Familiarization with the aircraft systems:

- Autopilot system
- Electrical system
- Engines and related indicators
- Fire detection and protection
- Flight instruments
- Flight management system
- Fuel system
- Landing gear and brake system
- Pressurizing system
- Radios and communication systems



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