



UTOPIA CIVIAL AVIATION AUTHORITY

DEMONSTRATION EXAMINATION Sample Exam

Date: 15/4/2003 Time: 09:00 Duration: 1 Hour Exam No: 3 Paper No: 2 Class ID: 0001

Examiner: Fergus Donnellan

Aircraft: Airbus 330-200, Airbus 330-300

Chapters: 21: Air Conditioning

Specifics:

ATA: 21

Q1. The lavatory and galley extraction fan:

- a) Operates continuously in flight and on ground.
- b) Operates continuously in flight only.
- c) Operates continuously on ground and in flight when DELTA P lower than 1 PSI.

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Q2. The air conditioning bay ventilation system is monitored by:

- a) The Ventilation Controller.
- b) The Avionics Equipment Ventilation Controller.
- c) The Pack Controllers.

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Q3. The supply of the avionics ventilation system is ensured by:

- a) The recirculation fans of the cabin ventilation system.
- b) A specific blowing fan continuously powered on ground.
- c) A specific blowing fan powered on ground and in flight when DELTA P lower than 1 PSI.

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Q4. If there is an overheat at the outlet of the air cycle machine compressor, the flow control valve:

- a) Pneumatically starts to close under action of the Pneumatic Overheat Sensor.
- b) Automatically closes by energization of the Solenoid (S2) on the valve.
- c) Closes using the PACK push-button switch which is the only protection.