

**Question:**

The PA system includes speakers in the following areas:

**1**

The cabin and lower cargo

**2**

The cabin, galley and lavatories

**3**

The cabin

**4**

The cabin PSU's, lavatories, rear service doors, and for ward galley

**Question:**

Is it possible to refuel on battery power only?

**1**

No

**2**

Yes, with Standby power on the battery.

**3**

Yes

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**Question:**

The angle of the radar antenna, or tilt, dramatically affects the radar's display of weather. The most effective angle for antenna tilt is \_\_\_\_\_.

**1**

all are correct

**2**

an upward angle for takeoff and low altitude operation

**3**

dependent upon aircraft altitude

**4**

a lower angle at higher altitudes

**Question:**

What is the maximum normal cabin differential pressure?

**1**

8.65 psi

**2**

7.85 psi

**3**

9.1 psi

**4**

8.25 psi

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**Question:**

In the combi configuration, the main cargo deck is considered to be

1

Class B

2

Class E

3

Class D

4

Class F

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**Question:**

WING-BODY OVERHEAT - A leak in the bleed duct from the APU will

1

None of these answers

2

Illuminate the right WING-BODY  
OVERHEAT

3

Illuminate the left WING-BODY  
OVERHEAT

4

Illuminate both WING-BODY  
OVERHEAT

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**Question:**  
PTU uses hydraulic pressure from:

1

Standby hydraulic pressure to power the A system

2

System B pressure to power the S system

3

Standby hydraulic pressure to power the B system

4

System A pressure to power the B system

**Question:**

The objectives of aircraft weather radar is to \_\_\_\_\_.

**1**

determine the distance to an object

**2**

determine the object's reflective  
characteristics (intensity)

**3**

determine the position of an object  
relative to the aircraft

**4**

all are correct

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**Question:**

What is the duration of the Cockpit Voice Recorder capability?

1

Full flight duration

2

30 min

3

120 min

**Question:**

True or false, it is possible to align the IRS at latitudes above 70°12'

1

True

2

False

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**Question:**

On the IRS Mode Selector Unit, what does a flashing with ALIGN light mean?

1

IRS is not in ALIGN mode.

2

IRS Alignment cannot be completed.

3

IRS is operating in ATT mode.

4

IRS is operating in the ALIGN mode.

**Question:**  
The isolation valve is powered by

| 1               | 2       | 3        | 4        |
|-----------------|---------|----------|----------|
| DC bus number 2 | BAT bus | AC power | DC power |

**Question:**

What is the maximum takeoff and landing tailwind?

**1**

15/15

**2**

5/5

**3**

15/15 manual landing

**4**

10/10

**Question:**

The most important concept for pilots to understand is that weather radar should be used to avoid, not penetrate, severe weather.

**1**

True

**2**

False

**Question:**

The best way to avoid a storm is to \_\_\_\_\_.

**1**

climb to fly over the storm

**2**

deviate laterally, at least 20 miles  
downwind

**3**

deviate laterally, at least 20 miles  
upwind

**4**

descend and fly under the storm

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**Question:**

In aircraft equipped with color radar, the colors are used to designate the object's intensity. Low intensity is displayed as green; moderate intensity, yellow; high intensity, red; and very high intensity as magenta.

1

True

2

False

**Question:**  
Which of the following is correct?

1

There are three primary Pitot-Static systems; the Captain's, the First Officers, and the Alternate Static System.

2

There are five primary Pitot-Static Systems; the Captain's, the First Officer's, No. 1 auxiliary, and No. 2 auxiliary, and the Alternate Static System.

3

There are two primary Pitot-Static systems and one auxiliary ; the Captain's, the First Officers and Auxiliary.

4

There are four primary Pitot-Static Systems; the Captain's, the First Officer's, No. 1 auxiliary, and No. 2 auxiliary.

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**Question:**

During normal operations, variation in hydraulic quantity indications occur when:

**1**

During steep climb

**2**

During a stall

**3**

System becomes pressurized after engine start, raising or lowering the landing gear or LE devices, or cold soaking during long periods in cruise.

**4**

During hydraulic leaks

**Question:**  
ADS-B provides ATC with:

| 1                        | 2                 | 3                                                | 4                      | 5                        | 6           |
|--------------------------|-------------------|--------------------------------------------------|------------------------|--------------------------|-------------|
| E) Choices A), B) and C) | C) Vertical speed | B) Aircraft Flight Identification (e.g.: AIE590) | D) Indicated air speed | F) Choices B), C) and D) | A) Altitude |

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**Question:**

The standby hydraulic system is used to:

**1**

Power thrust Reversers, Rudder,  
Standby yaw damper, LE flaps and  
slats (extend only)

**2**

Power brakes, thrust reversers, LE  
flaps and slats,

**3**

None of theses answers

**4**

Power thrust reversers, rudder,  
ground spoilers, and landing gear

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**Question:**

What is the minimum altitude for autopilot engagement after takeoff?

1

FRA

2

1000 ft

3

3000 AAE

4

400 ft

**Question:**

In the event of an ADS-B failure, the flight crew should: (select the correct answer)

1

Reset the FMS by switching it Off then On

2

Call PAN PAN on the radio

3

Switch to an alternate transponder if equipped and advise ATC of the ADS-B failure

4

Reset the transponder by switching in Off then On

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**Question:**

The fuel crossfeed valve is operated by

**1**

Fuel pressure.

**2**

An AC motor connected to the AC essential bus.

**3**

A DC motor connected to the battery bus.

**4**

Automatically when lateral fuel imbalance reaches 1000 pounds.

**Question:**  
In the event of IRS 1 or SG 1 failure;

| 1                                                                | 2                                                      | 3                                    | 4                                                        |
|------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------------|
| The Captain can recover EFIS using Instrument Transfer Switching | The Captain can recover EFIS using IRS Transfer Switch | The Captain EFIS cannot be recovered | The Captain can recover EFIS using SG Transfer Switching |

**Question:**  
Engine bleed is supplied by

**1**

5th and 9th stage

**2**

None of these answers

**3**

5th and 7th stage

**4**

Exhaust

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RESULTS