

CORRECT QUESTIONS AND ANSWERS FOR THE A1/A3 CATEGORY EXAM LUXEMBOURG

Includes a sample set of original questions with correct answers.

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What subcategories is the open category divided into?

- a. A1–A2–A3**
- b. A1–A2–A3–A4
- c. C0–C1–C2–C3–C4
- d. C1–C2–C3–C4

Explanation: The open category for UAS operations is divided into three subcategories: A1 (fly over people but not assemblies), A2 (fly close to people), and A3 (fly far from people).

In which OPEN subcategory are the "bigger" UAS marked C3 & C4 allowed?

- a. A1 only
- b. A2 and A3
- c. A3 only**
- d. A1, A2 and A3

Explanation: UAS marked as C3 or C4 are generally larger or have fewer safety features for operating near people, and are therefore restricted to subcategory A3. Subcategory A3 operations require flying far from uninvolved people.

What is aviation security?

- a. The rules regarding the duty to give way in the airspace.
 - b. A function of the UAS that prevents you from flying in closed airspace.
 - c. A special insurance that covers damage and accidents caused by air traffic.
 - d. any aspect of aviation.**
- Protection from intentional harm to people or property where the crimes involve**

Explanation: Aviation security refers to measures taken to protect civil aviation against acts of unlawful interference, including intentional harm to people or property involving aircraft. It focuses on preventing malicious acts.

From January 1st 2024:

- a. Non C marked UAS of more than 250 g move into A3**
- b. C0 marked UAS move into A2
- c. C1 marked UAS move into A3
- d. Non C marked UAS of more than 250 g move into A2

Explanation: From January 1st, 2024, "legacy" (non C-marked) UAS weighing more than 250 grams are restricted to operating in subcategory A3. This category requires flying far from uninvolved people.

What is the significance of the following safety principle: the heavier, the further, the safer?

- With a heavier drone, it is safer to fly further from uninvolved people and property to avoid injuries and damages**
- a. **property to avoid injuries and damages**
With a heavier drone, it is safer to fly further from the pilot to keep a safer control of
 - b. the UAS
With a heavier drone, it is safer to fly higher to avoid crashing into people and
 - c. obstacles on the ground
With a heavier drone, it is safer to fly closer to the ground to reduce potential injuries
 - d. to people and damage from a crash

Explanation: The principle "the heavier, the further, the safer" means that heavier drones have more kinetic energy and pose a greater risk. Therefore, they should be flown at a greater distance from uninvolved people and property to minimize potential harm in case of an incident.

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