

sUAS CAPF 5U QUESTIONNAIRE

Name: _____ Grade: _____ CAPID: _____

Unit: _____ Date: _____

Check Pilot: _____ Grade: _____ CAPID: _____

Score: _____ Type/Model of sUAS: _____

Complete this open book questionnaire using any available course materials. If a question or part of a question is not applicable, write in N/A. The check pilot will review and grade the questionnaire. The minimum passing score is 80%. The completed questionnaire will be filed in the pilot's flights records.

- 1.) What is the maximum altitude (in ft. AGL) for sUAS operations without a waiver:
- 2.) According to 14CFR107, the remote PIC of a sUAS planning to operate in Class D airspace,
 - a.) Must use a visual observer
 - b.) Is required to file a flight plan
 - c.) Is required to obtain ATC authorization
- 3.) When operating an unmanned airplane, the remote pilot should consider that the load factor on the wings may be increased any time
 - a.) the CG is shifted rearward to the aft CG limit.
 - b.) the airplane is subjected to maneuvers other than straight-and-level flight.
 - c.) the gross weight is reduced.
- 4.) When using a small UA in a commercial operation, who is responsible for briefing the participants about emergency procedures?
 - a.) The FAA inspector-in-charge.
 - b.) The lead visual observer.
 - c.) The remote PIC.
- 5.) According to 14 CFR parts 101, 107, and CAPR 70-1U, the responsibility to inspect the small UAS to ensure it is in a safe operating condition rests with the
 - a.) remote pilot-in-command.
 - b.) visual observer.
 - c.) CAP sUAS Maintenance Officer.

- 6.) Under what condition would a small UA not have to be registered before it is operated in the United States?
- a.) When the aircraft weighs less than .55 pounds on takeoff, including everything that is on-board or attached to the aircraft.
 - b.) When the aircraft has a takeoff weight that is more than .55 pounds, but less than 55 pounds, not including fuel and necessary attachments.
 - c.) All small UAS need to be registered regardless of the weight of the aircraft before, during, or after the flight.
- 7.) To avoid a possible collision with a manned airplane, you estimate that your small UA climbed to an altitude greater than 600 feet AGL. To whom must you report the deviation?
- a.) Air Traffic Control.
 - b.) The National Transportation Safety Board.
 - c.) Upon request of the Federal Aviation Administration.
- 8.) During your preflight inspection, you discover a small nick in the casing of your sUAS battery. What action should you take?
- a.) Use it as long as it will still hold a charge.
 - b.) Follow the manufacturer's and CAPR 66-1U guidance.
 - c.) Throw it away with your household trash.
- 9.) What could be a consequence of operating a small unmanned aircraft above its maximum allowable weight?
- a.) Shorter endurance
 - b.) Increased maneuverability
 - c.) Faster speed
- 10.) What is the one common factor which affects most preventable accidents?
- a.) Mechanical malfunction
 - b.) Human error
 - c.) Structural failure
- 11.) What is the minimum safe voltage for a battery to be used (in Volts): _____
- 12.) Describe the emergency procedure for a lost link event: