

USE OF UNMANNED AIRCRAFT (DRONES)

Policy Code: **4334/5035/7345**

The board supports and encourages the use of innovative and emerging technologies, including unmanned aircraft or drones, to further the goals and objectives of the educational program. However, the board also must consider how the use of such technologies may impact the safety, security, and privacy of people and property. Therefore, the board authorizes some use of unmanned aircraft on school property and at school-sponsored events in accordance with the requirements of this policy and to the extent that such use is not otherwise prohibited by federal, state, or local law or regulation.

This policy applies to all students, school system employees, contractors and vendors, school visitors, and other members of the general public on school property and at school-sponsored events.

A. DEFINITIONS

For purposes of this policy, the following definitions apply.

1. An “unmanned aircraft” or “drone” is an aircraft weighing less than 55 pounds that is operated without the possibility of direct human intervention from within or on the aircraft. The board strictly prohibits the use of an unmanned aircraft weighing more than 55 pounds on school property or at a school-sponsored event.
2. The “use” of an unmanned aircraft includes the launch, operation, and/or recovery of the unmanned aircraft.
3. “School property” includes any property that is owned, leased, or otherwise controlled by the board.
4. Use of an unmanned aircraft is for a “recreational” purpose if the use is solely for personal interests or enjoyment. Use for work or business purposes or for compensation or hire is not considered to be recreational.

B. AUTHORIZED USE OF UNMANNED AIRCRAFT

The use of an unmanned aircraft on school property or at a school-sponsored event for any purpose must be approved in writing by the superintendent or designee and must comply with the requirements of this policy and all other applicable board policies, including the public use requirements of policy 5030, Community Use of Facilities, when applicable. Such use also must comply with all federal, state, and local laws and regulations, including the most current registration, certification, permit, safety, and other requirements established by the Federal Aviation Administration (FAA) and the North Carolina Department of Transportation (NCDOT).

The superintendent or designee may grant approval for use on a case-by-case basis with any additional requirements or restrictions deemed appropriate, including, for example, to protect the safety, security, and privacy of people and property. However, the superintendent or designee shall not approve the use of unmanned aircraft for recreational purposes on school property or at school-sponsored events during the school day or at any other time when groups of students or employees may be present outdoors.

Prior to obtaining approval from the superintendent or designee, the operator of any unmanned aircraft may be required to provide proof of insurance, including adequate liability coverage for any claims arising out of the use of an unmanned aircraft, and proof of the registration, certification, permit, and/or waiver required by the FAA and/or NCDOT to operate the unmanned aircraft for the intended purpose(s).

An unmanned aircraft used on school property or at a school-sponsored event must be operated either by or under the direct supervision of an FAA-certified drone pilot in accordance with subsection B.1, below, or by a recreational flyer in accordance with subsection B.2, below.

1. Use by or under the Direct Supervision of an FAA-Certified Drone Pilot

An FAA-certified drone pilot, or an individual under the direct supervision of an FAA-certified drone pilot, may operate an unmanned aircraft for any commercial, educational, recreational, or other school system-related purpose as approved by the superintendent or designee. To qualify as an FAA-certified drone pilot, an individual must obtain a Remote Pilot Certificate from the FAA and have the certificate easily accessible during all use.

An FAA-certified drone pilot and any individual under the direct supervision of an FAA-certified drone pilot must comply with all federal, state, and local laws and regulations, including all applicable requirements under 14 C.F.R. Part 107 (“Part 107”). In addition, if the use of an unmanned aircraft is not solely for hobby or recreational purposes, an FAA-certified drone pilot and any individual under the direct supervision of an FAA-certified drone pilot also must comply with the training and permit requirements of G.S. 63, art. 10, as applicable.

2. Use by a Recreational Flyer

A recreational flyer may operate an unmanned aircraft strictly for recreational purposes as approved by the superintendent or designee. A recreational flyer is not required to be an FAA-certified drone pilot or under the direct supervision of an FAA-certified drone pilot. However, a recreational flyer must comply with all federal, state, and local laws and regulations, including all applicable federal requirements under the *Exception for Limited Recreational Operations of Unmanned Aircraft* (49 U.S.C. 44809).

C. UNAUTHORIZED USE OF UNMANNED AIRCRAFT

School system employees shall reasonably attempt to monitor school property and school-sponsored events for the unauthorized use of unmanned aircraft. Employees must report any known or suspected unauthorized use of an unmanned aircraft as soon as practicable to the principal or other school official responsible for supervising the school property or school-sponsored event. If the unauthorized use poses a threat to the safety, security, or privacy of people or property, the employee should attempt to intervene directly if it is possible to do so safely and effectively and ask the operator to discontinue the use. If the employee is unable to identify the individual operating the unmanned aircraft, or if the unmanned aircraft is grounded and unattended, the employee should immediately notify the principal or other school official responsible for supervising the school property or school-sponsored event.

A student or school system employee who uses an unmanned aircraft in violation of this policy will be subject to disciplinary action, up to and including suspension or expulsion for students and termination for employees. A contractor or vendor, school visitor, or other member of the general public who uses an unmanned aircraft in violation of this policy will be asked to discontinue the unauthorized use and/or asked to leave school property or the school-sponsored event in accordance with policy 5020, Visitors to the Schools.

School officials may also report the unauthorized use of an unmanned aircraft to local law enforcement and/or the FAA, as appropriate.

D. GUIDELINES FOR ALL USE OF UNMANNED AIRCRAFT

1. FAA Safety Guidelines

A student, school system employee, contractor or vendor, school visitor, or other member of the general public who is authorized by the superintendent or designee to operate an unmanned aircraft on school property or at a school-sponsored event must comply with all applicable FAA safety guidelines, including, but not limited to, the following.

- a. The unmanned aircraft must be registered with the FAA and marked with the registration number.
- b. The unmanned aircraft must have a maximum groundspeed of 100 mph or less.
- c. The operator must fly the unmanned aircraft during daylight only and must keep the unmanned aircraft within his or her visual line of sight at all times.
- d. The operator must not fly the unmanned aircraft above 400 feet in uncontrolled airspace and must not fly the unmanned aircraft in controlled airspace (e.g., near airports) without FAA authorization. The operator must comply with all other FAA airspace restrictions (e.g., near military bases).

- e. The operator must not fly the unmanned aircraft near other aircraft and must always yield the right of way to all other aircraft, especially manned aircraft.
- f. The operator must not fly the unmanned aircraft over people, groups of people, public events, or stadiums full of people, or near emergency response activities.
- g. The operator must not fly the unmanned aircraft under the influence of drugs or alcohol. In addition, the operator must not fly the unmanned aircraft if he or she knows or has reason to know of any other physical or mental condition that would interfere with the safe operation of the unmanned aircraft.
- h. The operator must not otherwise fly the unmanned aircraft in a careless or reckless manner.

2. Other Guidelines

A student, school system employee, contractor or vendor, school visitor, or other member of the general public who is authorized by the superintendent or designee to operate an unmanned aircraft on school property or at a school-sponsored event also must comply with the following guidelines established by the board.

- a. The operator of any unmanned aircraft on school property or at a school-sponsored event must provide appropriate documentation of approval from the superintendent or designee immediately upon request by any school system employee.
- b. Students are prohibited from operating an unmanned aircraft on school property or at a school-sponsored event without appropriate faculty or other adult supervision whether or not such supervision is required under federal regulations.
- c. The superintendent or designee, as well as the principal or other school official responsible for supervising school property or a school-sponsored event, may require the operator of an unmanned aircraft to temporarily or permanently suspend further use of the unmanned aircraft on school property or at a school-sponsored event at any time for any reason.
- d. The use of an unmanned aircraft to photograph or to record audio and/or video of the following is prohibited without the express written approval of the superintendent: (a) students, employees, visitors, or other individuals, (b) school- or school system-sponsored activities and other events, or (c) school buildings or other school system facilities. Any such photographs or other audio and/or video recordings obtained through the use of an

unmanned aircraft may not be used for any marketing or other commercial purpose or otherwise distributed to a third party without the express written approval of the superintendent.

- e. Any data or other information collected through the use of an unmanned aircraft may not be sold for profit.
- f. The use of an unmanned aircraft inside any enclosed school or other building on school property (including any school or other building under construction) or indoors at a school-sponsored event off school property is prohibited without the express written approval of the superintendent or designee.
- g. The use of unmanned aircraft within the physical confines of any stadium, field, arena, or other structure, including the playing area of the venue, during a North Carolina High School Athletic Association contest is prohibited.
- h. Any incident resulting in an injury to a person or damage to property caused by the use of an unmanned aircraft must be reported immediately or as soon as practicable thereafter to the principal or other school official responsible for supervising the school property or school-sponsored event where the incident occurred. This requirement applies whether or not the incident is also subject to the mandatory reporting requirements under federal regulations.
- i. Any unmanned aircraft owned by a school or the school system must be properly insured and must be scheduled (i.e., listed on the policy) and operated as required by the school system's liability coverage agreement.

The superintendent or designee may develop any additional administrative procedures or other regulations necessary to implement the requirements of this policy or to further protect the safety, security, and privacy of people and property.

Legal References: FAA Reauthorization Act of 2018, P.L. 115-254; 49 U.S.C. 44801 *et seq.*; 14 C.F.R. Part 107; Federal Aviation Administration, Advisory Circular 91-57B (May 31, 2019), available at https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_91-57B.pdf; Federal Aviation Administration, Advisory Circular 107-2 (June 21, 2016), available at https://www.faa.gov/uas/resources/policy_library/media/AC_107-2_AFS-1_Signed.pdf; G.S. 14-7.45, -280.3, -401.24, -401.25; G.S. 15A-300.1, -300.2, -300.3; G.S. 63, art. 10; G.S. 113-295; North Carolina High School Athletic Association, Policy 2.2.3(c) (2019-2020), available at <https://www.nchsaa.org/sites/default/files/attachments/2.2.3%20Facilities.pdf>

Cross References: Student Behavior Policies (4300 series), Visitors to the Schools (policy 5020), Community Use of Facilities (policy 5030)

Other Resources: Federal Aviation Administration, Unmanned Aircraft Systems (UAS) website, available at <https://www.faa.gov/uas/>; North Carolina Department of Transportation, Division of Aviation, Unmanned Aircraft Systems website, available at <https://www.ncdot.gov/divisions/aviation/uas/Pages/default.aspx>

Adopted: