GENERAL ASSEMBLY OF NORTH CAROLINA **SESSION 2015**

H.B 1043 May 4, 2016 HOUSE PRINCIPAL CLERK

HOUSE BILL DRH10497-MMz-155 (04/25)

Short Title:	Zip Line and Challenge Course Safety Act.	(Public)
Sponsors:	Representatives Davis and Howard (Primary Sponsors).	
Referred to:		

A BILL TO BE ENTITLED 1

- 2 AN ACT TO REGULATE ZIP LINES AND CHALLENGE COURSES.
 - The General Assembly of North Carolina enacts:
- 4 **SECTION 1.** Chapter 95 of the General Statutes is amended by adding a new Article 5 to read:

"Article 24.

"Zip Line and Challenge Course Safety.

"§ 95-280. Short title and legislative purpose.

- (a) This Article shall be known as the "Zip Line and Challenge Course Safety Act of North Carolina."
- (b) The General Assembly finds that zip lining and participating in challenge courses is practiced by a large number of North Carolinians and visitors to our State and that the industry is growing rapidly.
 - The General Assembly finds that there are inherent risks in zip lining and participating in challenge courses which should be understood by each participant and which are essentially impossible to eliminate by the zip line or challenge course operator.
 - The General Assembly finds that although most zip lines and challenge courses are operated in a safe manner, those which are not impose a substantial probability of serious and preventable injury to the public. Protection of the public from exposure to such unsafe conditions and the prevention of injuries is in the best interest and welfare of the people of the State.
 - It is the intent of this Article that zip lines, aerial adventure parks, canopy tours, (e) challenge courses, or other similar devices shall be designed, constructed, assembled or disassembled, maintained, and operated so as to prevent injuries.

"§ 95-281. Scope.

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- This Article shall govern the design, construction, installation, plans review, testing, inspection, certification, operation, use, maintenance, alteration, relocation, and investigation of accidents involving zip lines, aerial adventure parks, canopy tours, challenge courses, or other similar devices.
- This Article shall not apply to any zip line, aerial adventure park, canopy tour, (b) challenge course, or other similar devices installed at a private residence.

"§ 95-282. Definitions.

The following definition apply in this Article:

- ACCT. Association for Challenge Course Technology. (1)
- (2) Aerial adventure park. – A self-guided challenge course that is open to the public.



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course or tour traversing areas of scenic, ecological, and/or cultural

1 significance. Zip line tours typically involve action or activity systems such as 2 zip lines, platforms, landing areas, and connecting trails. 3 "§ 95-283. Powers and duties of Commissioner. 4 The Commissioner of Labor is hereby empowered to do all of the following: 5 To delegate to the Chief of the Elevator and Amusement Device Bureau such (1) 6 powers, duties, and responsibilities as the Commissioner determines will best 7 serve the public interest in the safe operation of zip lines, aerial adventure 8 parks, canopy tours, challenge courses, or other similar devices. 9 To supervise the Chief of the Elevator and Amusement Device Bureau. (2) 10 To adopt, modify, or revoke such rules as are necessary for the purpose of (3) 11 carrying out the provisions of this Article including those governing the design, construction, installation, plans review, testing, inspection, certification, 12 13 operation, use, maintenance, alteration, and relocation of devices subject to the 14 provisions of this Article. The rules promulgated pursuant to this rule-making 15 authority shall conform to good engineering and safety standards, formulas, and 16 practices. 17 To enforce rules adopted under authority of this Article. <u>(4)</u> 18 (5) To require inspection and testing for all new, modified, and relocated devices 19 subject to the provisions of this Article. Devices shall be inspected at least once 20 annually. 21 To require maintenance and periodic inspections and tests of all devices subject (6) 22 to the provisions of this Article. 23 To issue certificates of operation which certify for use such devices as are <u>(7)</u> 24 found to be in compliance with this Article and the rules promulgated 25 thereunder. 26 <u>(8)</u> To have reasonable access, with or without notice, to the devices subject to the 27 provisions of this Article during reasonable hours for purposes of inspection or 28 testing. 29 To obtain an Administrative Search and Inspection Warrant in accordance with <u>(9)</u> 30 the provisions of Article 4A of Chapter 15 of the General Statutes. 31 To investigate accidents involving devices subject to the provisions of this (10)32 Article to determine the cause of the accident. The Commissioner shall have 33 full subpoena powers in conducting the investigation. 34 (11)To institute proceedings in the civil courts of this State when a provision of this 35 Article or the rules promulgated thereunder has been violated. 36 To adopt, modify, or revoke rules governing the qualifications of inspectors. (12)37 (13)To grant exceptions from the requirements of the rules promulgated under 38 authority of this Article and to permit the use of other devices when these 39 exceptions and uses will not expose the public to an unsafe condition likely to 40 result in serious personal injury or property damage. 41 To require that before any device subject to the provisions of this Article is (14)42 erected in this State, or before any additions or alterations which substantially 43 change the device are made, or before the physical spacing between the devices 44 is changed, the owner or the owner's authorized agent shall have the plans, 45 diagrams, specifications, or stress analyses of the device approved by a professional engineer licensed in North Carolina. 46 47 To prohibit the use of any device subject to the provisions of this Article which (15)48 is found upon inspection to expose the public to an unsafe condition likely to 49 cause personal injury or property damage. Such a device shall be made 50 operational only upon the Commissioner's determination that it has been made

safe.

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- (16) To order the payment of all civil penalties provided by this Article. The clear proceeds of funds collected pursuant to a civil penalty order shall be remitted to the Civil Penalty and Forfeiture Fund in accordance with G.S. 115C-457.2.
- (17) To coordinate enforcement and inspection activity relative to equipment, devices, and operations covered by this Article in order to minimize duplication of liability or regulatory responsibility on the part of the employer or owner.
- (18) To charge annual fees not to exceed one hundred dollars (\$100.00) per site for the issuance of certificates of operation for devices subject to this Article.
- (19) To charge annual fees not to exceed one thousand dollars (\$1,000) per device for the inspection by the Bureau of devices subject to this Article.
- (20) To charge annual fees not to exceed fifty dollars (\$50.00) for a qualified inspector certification. This fee shall not apply to a person employed by the Bureau.

"§ 95-284. Adoption of standards.

The following standards and subsequent amendments and editions are adopted and incorporated by reference. The design, manufacture, installation, operation, and maintenance of all devices subject to this Article must conform to one of the following standards, except where otherwise specifically provided in this Article or in rules promulgated pursuant to this Article:

- (1) The Association for Challenge Course Technology (ACCT) ANSI/ACCT 03-2016 Challenge Course and Canopy/Zip Line Tour Standard.
- (2) The Professional Ropes Course Association (PRCA) ANSI/PRCA 1.0-.3-2014 Ropes Challenge Course Installation, Operation & Training Standard.
- (3) The European Ropes Course Association (ERCA) European Ropes Course Standard. (EN 15567-2:2014).
- (4) The American Society for Testing and Materials (ASTM) F2959-14 Standard Practice for Special Requirements for Aerial Adventure Courses.

"§ 95-285. Certificate of operation requirements.

- (a) An owner of a device subject to the provisions of this Article shall annually submit an application for a certificate of operation to the Commissioner and shall request a certificate of operation for each device at least 30 days before the first intended date of use each year.
- (b) An owner of a device subject to the provisions of this Article shall submit the application on forms provided by the Commissioner.
- (c) An owner of a device subject to the provisions of this Article shall include in the initial application certification from a professional engineer licensed in North Carolina indicating that the design of the device has been approved by the professional engineer.
- (d) An owner of a device subject to the provisions of this Article shall include in the initial application certification from a professional engineer licensed in North Carolina indicating that the installation of the device has been approved by the professional engineer.
- (e) The owner of a device subject to the provisions of this Article shall include in any subsequent application certification from a professional engineer licensed in North Carolina indicating that any additions or alterations which substantially change the device have been approved by the professional engineer.
- (f) An owner of a device subject to the provisions of this Article shall include the following information on the initial as well as the annual application:
 - (1) The name, address, telephone number, e-mail address (if applicable), and Web site address (if applicable) of the device owner.
 - (2) Registration of the device, including its location, dates of operation, date of installation, and the name and address of the installer of the equipment.
 - (3) Documentation of a commercial general liability insurance policy covering claims for personal injury, death, and property damages arising from the

- operation of a device subject to the provisions of this Article in amounts not less than those specified in G.S. 95-291.

 If the device incorporates live trees, the tree or trees shall be inspected and
 - (4) If the device incorporates live trees, the tree or trees shall be inspected and approved by an International Society of Arboriculture-certified arborist or other professional with equivalent expertise to ensure good health and stability of the trees. All trees shall receive this assessment no less than annually.
 - (5) An inspection report completed no more than 60 days prior to submission of the application prepared by a third-party, qualified inspector pursuant to G.S. 95-286(a). The inspection report must include proof of abatement of all deficiencies found in the inspection.
 - (6) Signed certification of compliance with the record-keeping requirements of G.S. 95-288.
 - (7) Signed certification of compliance with applicable federal, state, and local safety, fire, health, or building codes or standards.
 - (g) An owner of the device shall include the certificate of operation fee with the certificate of application.
 - (h) A certificate of operation for a device expires annually on December 31.

"§ 95-286. Annual inspection; issuance of certificate of operation.

- (a) A third-party, qualified inspector shall inspect a device subject to the provisions of this Article and determine that it is in compliance with the provisions of this Article and any rules promulgated pursuant to this Article before a certificate of operation may be issued.
- (b) The operator of the device shall post a copy of the certificate of operation in close proximity to the entry to the device where it is readily visible to participants.

"§ 95-287. Qualifications and certification of qualified inspectors.

- (a) A person applying for certification as a qualified inspector shall make application annually on a form provided by the Commissioner.
 - (b) An applicant shall furnish documentation of the following with the application:
 - (1) <u>Current Professional Inspector Certification from the ACCT or a substantially equivalent certification as defined in the challenge course standards; or experience and training that the Commissioner has determined in advance are substantially equivalent to the requirements set forth in the challenge course standards.</u>
 - (2) The applicant must report to the Commissioner any lapse in professional inspector certification. Lapse in professional inspector certification will result in immediate suspension of the individual's qualified inspector certification until such time that the individual provides renewal documentation.
- (c) An applicant for certification as a qualified inspector shall include the certification fee with the certification application.

"95-288. Pre-opening inspection and test; training; emergency evacuation plan; records; revocation of certificate of operation.

- (a) An owner of a device subject to the provisions of this Article, or the owner's authorized agent, is hereby required to make a preopening inspection and test of such device, prior to admitting the public, each day such device is intended to be used and in accordance with challenge course standards.
- (b) An owner of a device subject to the provisions of this Article, or the owner's authorized agent, is hereby required to train employees on the operation of the device in accordance with Part 1.3 of the ANSI/PRCA 2014 Ropes Challenge Course Installation, Operation & Training Standard or a substantially similar standard.
- (c) An owner of a device subject to the provisions of this Article, or the owner's authorized agent, is hereby required to have an emergency evacuation plan for the device in accordance with challenge course standards.

- (d) An owner of a device subject to the provisions of this Article, or the owner's authorized agent, is required to maintain for at least the previous 12 months a signed record of the required pre-opening inspection and test, training provided to employees, emergency evacuation plan, and such other pertinent information as the Commissioner may require by rule or regulation.
- (e) The Commissioner may refuse to issue or renew or may revoke, suspend, or amend the certificate of operation for any device regulated by this Article upon failure by the owner or the owner's authorized agent to make the required pre-opening inspection and test, to train employees, to maintain an emergency evacuation plan, or to maintain the required records.

"§ 95-289. Noncomplying devices; appeal.

- (a) Whenever the Commissioner determines that a device is subject to the provisions of this Article and the operation of such device is exposing the public to an unsafe condition likely to result in serious personal injury or property damage, the Commissioner immediately may order in writing that the use of the device be stopped or limited until such time as the Commissioner determines that the device has been made safe for use by the public.
- (b) Whenever the Commissioner determines that the provisions of this Article or the rules and regulations promulgated thereunder have not been complied with, the Commissioner may refuse to issue or renew or may revoke, suspend, or amend a certificate of operation.
- (c) Any action taken under this section by the Commissioner shall be final unless within 15 days after receipt of notice thereof by certified mail with return receipt, by signature confirmation as provided by the U.S. Postal Service, by a designated delivery service authorized pursuant to 26 U.S.C. § 7502(f)(2) with delivery receipt, or via hand delivery the person against whom such action was taken takes exception to the determination, in which event the final determination of the action shall be made in an administrative proceeding and in a judicial proceeding pursuant to Chapter 150B of the General Statutes.

"§ 95-290. Operation without certificate; operation not in accordance with Article or rules and regulations; operation after refusal to issue or after revocation of certificate.

- (a) No person shall operate or permit to be operated or use any device subject to the provisions of this Article without a valid certificate of operation.
- (b) No person shall operate or permit to be operated or use any device subject to the provisions of this Article otherwise than in accordance with this Article and the rules and regulations promulgated thereunder.
- (c) No person shall operate or permit to be operated or use any device subject to the provisions of this Article after the Commissioner has refused to issue or has revoked the certificate of operation for such device.

"§ 95-291. Operation of unsafe device.

No person shall operate, permit to be operated or use any device subject to the provisions of this Article if such person knows or reasonably should know that the operation or use will expose the public to an unsafe condition that is likely to result in personal injury or property damage.

"§ 95-292. Reports required.

- (a) If a participant or member of the general public is involved in an accident related to the operation of a device subject to the provisions of this Article that results in a serious injury or a fatality, the owner or operator shall immediately shut down the operation of the device and secure the safety of other participants and the general public.
- (b) An owner or operator shall ensure that the scene of a serious injury or fatality is left intact from the time of the accident and shall ensure that the device involved is not removed from the scene of the accident without written authorization from the Commissioner.
- (c) The owner, operator, and any employees who witnessed the accident or who operated the device when the accident occurred shall be available to be interviewed by the Commissioner or the Commissioner's designated representative.

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- (d) The owner of any device regulated under the provisions of this Article, or the owner's authorized agent, shall within 24 hours notify the Commissioner of each and every occurrence involving such device when any of the following occur:
 - (1) The occurrence results in death or injury requiring medical treatment, other than first aid, by a physician. First aid means the onetime treatment or observation of scratches, cuts not requiring stitches, burns, splinters, and contusions, or a diagnostic procedure, including examination and X-rays, which does not ordinarily require medical treatment even though provided by a physician or other licensed personnel.
 - (2) The occurrence results in damage to the device indicating a substantial defect in design, mechanics, structure, or equipment, affecting the future safe operation of the device. No reporting is required in the case of normal wear and tear.
- (e) After the owner of the device subject to the provisions of this Article notifies the Commissioner of a serious injury or fatality, the Commissioner shall, with reasonable promptness, advise the owner whether the device shall remain shut down pending investigation and inspection or whether it can be placed back in service. In deciding whether the device shall remain shut down or whether it can be placed back in service, the Commissioner's sole consideration shall be the safety of participants and the general public.
- (f) The Commissioner, without delay, after notification and determination that an occurrence involving injury or damage as specified in subsection (a) has occurred, shall make a complete and thorough investigation of the occurrence. The report of the investigation shall be placed on file in the office of the Bureau and shall give in detail all facts and information available. The owner may submit for inclusion in the file results of investigations independent of the department's investigation.
- (g) No person, following an occurrence as specified in subsection (a) of this section, shall operate, attempt to operate, use or move, or attempt to move such device or part thereof, without the approval of the Commissioner, unless so as to prevent injury to any person or persons.
- (h) No person, following an occurrence as specified in subsection (a) of this section, shall remove or attempt to remove from the premises any damaged or undamaged part of such device or repair or attempt to repair any damaged part necessary to a complete and thorough investigation. The department must initiate its investigation within 24 hours of being notified.
- (i) The owner shall document the accident, to include the full name, address, and telephone number of the injured person, a description of his or her injuries, identification of the device involved, the names and addresses of the owner and employees who witnessed the accident, and any other pertinent information describing the events leading up to the accident.
- (j) An owner or operator shall keep a record of every accident or fatality with the certificate of inspection, which shall be readily accessible to the general public. The record shall include the following information:
 - (1) The date of every accident or fatality.
 - (2) A description of the type of accident.
 - (3) The number of people injured or killed.
 - (4) A description of the types of injuries.
- (k) The owner of the device shall retain all reports, documents, photographs, and records required by this Article for not less than three years from the date of the unscheduled cessation, imminent danger notification, or serious injury or fatality.
- (l) If an owner violates any provision of this section of the Article, the Commissioner may permanently revoke the certificate of operation.
- "§ 95-293. Operators.
- (a) Any operator of a device subject to the provisions of this Article shall be at least 18 years of age. An operator shall be in attendance at all times the device is in operation.

(b) No person shall operate a device subject to the provisions of this Article while under the influence of alcohol or any other impairing substance as defined by G.S. 20-4.01(14a). It shall be a violation of this subsection to knowingly permit the operation of any device subject to the provisions of this Article while the operator is under the influence of an impairing substance.

"§ 95-294. Liability insurance.

- (a) No owner shall operate a device subject to the provisions of this Article unless at the time there is in existence a contract of insurance providing coverage of not less than one million dollars (\$1,000,000) per occurrence against liability for injury to persons or property arising out of the operation or use of such device. The insurance contract to be provided must be by any insurer or surety that is acceptable to the North Carolina Insurance Commissioner and authorized to transact business in this State.
- (b) No certificate of operation shall be issued by the Commissioner until such time as the owner or his authorized agent provides proof of the required contract of insurance.
- (c) The Commissioner shall have the right to request from the owner of a device regulated by this Article, or the owner's authorized agent, proof of the required contract of insurance, and upon failure of the owner or the owner's authorized agent to provide such proof, the Commissioner shall have the right to prevent the commencement of or to stop the operation of the device until such time as proof is provided.
- (d) The Commissioner shall not accept any commercial general liability insurance policy unless it obligates the insurer to give written notice to the Commissioner at least 30 days before any proposed cancellation, suspension, or nonrenewal of the policy.

"§ 95-295. Violations; civil penalties; appeal; criminal penalties,

- (a) Any person who violates G.S. 95-290(a) or (b) is subject to a civil penalty not to exceed one thousand two hundred fifty dollars (\$1,250) for each rule, regulation, or section of this Article violated and for each day each device is so operated or used.
- (b) Any person who violates G.S. 95-290(c), 95-292, 95-293(a), or 95-294 is subject to a civil penalty not to exceed two thousand five hundred dollars (\$2,500) for each day each device is so operated or used.
- (c) Any person who violates G.S. 95-291 (Operation of unsafe device) or G.S. 95-293(b) is subject to a civil penalty not to exceed five thousand dollars (\$5,000) for each day each device is so operated or used.
- (d) In determining the amount of any penalty ordered under authority of this section, the Commissioner shall give due consideration to the appropriateness of the penalty with respect to the annual gross volume of the person being charged, the gravity of the violation, the good faith of the person, and the record of previous violations.
- (e) The determination of the amount of the penalty by the Commissioner is final unless within 15 days after receipt of notice thereof by certified mail with return receipt, by signature confirmation as provided by the U.S. Postal Service, by a designated delivery service authorized pursuant to 26 U.S.C. § 7502(f)(2) with delivery receipt, or via hand delivery the person charged with the violation takes exception to the determination, in which event final determination of the penalty shall be made in an administrative proceeding and in a judicial proceeding pursuant to Chapter 150B of the General Statutes.
- (f) The Commissioner may file in the office of the clerk of the superior court of the county wherein the person, against whom a civil penalty has been ordered, resides, or if a corporation is involved, in the county wherein the corporation maintains its principal place of business, or in the county wherein the violation occurred, a certified copy of a final order of the Commissioner unappealed from, or of a final order of the Commissioner affirmed upon appeal. The clerk of court shall enter judgment and notify the parties. Such judgment shall have the same effect, and all proceedings in relation thereto shall thereafter be the same, as though said judgment had been rendered in a suit duly heard and determined by the superior court of the General Court of Justice.

- (g) Except as provided under subsection (h) of this section, any person who willfully violates any provision of this Article is guilty of a Class 2 misdemeanor, which may include a fine of not more than ten thousand dollars (\$10,000); except that if the conviction is for a violation committed after a first conviction of the person, the person shall be guilty of a Class 1 misdemeanor, which may include a fine of not more than twenty thousand dollars (\$20,000).
- (h) Any person who willfully violates any provision of this Article, and that violation causes the serious injury or death of any person, then the person is guilty of a Class E felony, which shall include a fine.
- (i) Nothing in this section prevents any prosecuting officer of the State of North Carolina from proceeding against a person who violates this Article on a prosecution charging any degree of willful or culpable homicide.

"§ 95-296. Denial of permission to enter device subject to the provisions of this Article.

The owner or operator of a device subject to the provisions of this Article may deny any person entrance to any device if he or she believes such entry may jeopardize the safety of the person desiring entry, riders, or other persons.

"§ 95-297. Legal representation.

It shall be the duty of the Attorney General of North Carolina, when requested, to represent the Department of Labor in actions or proceedings in connection with this Article or the rules and regulations promulgated thereunder.

"§ 95-298. Authorization for similar safety and health federal-State programs.

Consistent with the requirements and conditions provided in this Article and the rules promulgated thereunder, the State, upon recommendation of the Commissioner of Labor, may enter into agreements or arrangements with appropriate federal agencies for the purpose of administering the enforcement of federal statutes, rules, and regulations governing devices subject to the provisions of this Article.

"§ 95-299. Confidentiality of trade secrets.

All information reported to or otherwise obtained by the Commissioner or the Commissioner's agents or representatives in connection with any inspection or proceeding under this Article or the rules and regulations promulgated thereunder which contains or might reveal a trade secret shall be considered confidential, except as to carrying out this Article and the rules promulgated thereunder or when it is relevant in any proceeding under the same. In any proceeding the Commissioner or the Court shall issue orders as may be appropriate to protect the confidentiality of trade secrets.

"§ 95-300. Construction of Article and rules and regulations and severability.

This Article and the rules promulgated thereunder shall receive a liberal construction to the end that the welfare of the people may be protected. If any provisions of either or the application thereof to any person or circumstances is held to be invalid, such invalidity shall not affect those provisions or applications which can be given effect without the invalid provision or application, and to that end the provisions of this Article are severable.

"§ 95-301 through 95-310: Reserved for future codification purposes."

SECTION 2. This act becomes effective December 1, 2017.