

117TH CONGRESS
2ND SESSION

H. R. XXXX

To direct the Secretary of Transportation to prescribe a motor vehicle safety standard requiring motor vehicles to be equipped with a rugged autonomous vehicle and driver data recorder, a method to collect and share anonymous structured data to provide for a fleet demonstration of such devices, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MARCH 18, 2022

Mr. TIFFANY introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Oversight and Reform, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To direct the Secretary of Transportation to prescribe a motor vehicle safety standard requiring motor vehicles to be equipped with a rugged autonomous vehicle and driver data recorder, a method to collect and share anonymous structured data to provide for a fleet demonstration of such devices, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as “Kaytlyn’s Law” or as the “Safe Autonomous Vehicles Acceleration Act”.

SEC. 2. RUGGED AUTONOMOUS VEHICLE AND DRIVER DATA RECORDER.

(a) IN GENERAL.—Not later than September 30, 2025, the Secretary of Transportation shall prescribe a motor vehicle safety standard under [chapter 301](#) of title 49, United States Code,

that requires motor vehicles produced after the effective date of such standard to be equipped with a rugged autonomous vehicle and driver data recorder device that—

(1) collects autonomous vehicle and driver data in a harmonized national standard for data interchangeability; and

(2) structured data is stored in a robust crash durable device that maintains a minimum of 24 hour data log; and

(3) supports the national storage, aggregation, access, and dissemination of said anonymous structured data.

(b) **DEVELOPMENT.**—The Secretary of Transportation shall work directly with motor vehicle manufacturers, suppliers, and other interested parties, including universities with expertise in automotive engineering, to—

(1) accelerate the development of the rugged autonomous vehicle and driver data recorder devices as described in subsection (a);

(2) ensure the integration of such devices into motor vehicles available for sale at the earliest practical date; and

(3) ensure the creation of market demand for such devices.

(c) **FLEET DEMONSTRATION.**—

(1) **IN GENERAL.**—Not later than September 30, 2022, the Administrator of the National Highway Traffic Safety Administration shall enter into an agreement with the Administrator of General Services to carry out a program to equip the rugged autonomous vehicle and driver data recorder device described in subsection (a) on not less than 1,500 covered fleet vehicles (as defined in section 241 of the Clean Air Act ([42 U.S.C. 7581](#))) owned or operated by an agency, department, or instrumentality of the United States.

(2) **REQUIREMENT.**—In carrying out paragraph (1), the Administrator of the National Highway Traffic Safety Administration shall ensure that fleet vehicles—

(A) are driven not less than 3 days per week; and

(B) are located in various regions in the United States.

(3) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated \$25,000,000 to carry out this subsection.

(d) **DEFINITIONS.**—In this section, the terms “motor vehicle” and “motor vehicle safety standard” have the meanings given such terms in section 30102 of title 49, United States Code.