

be treated as a properly filed petition, received as of the time it is discovered and identified.

(b) A document that fails to conform to one or more of the requirements of § 557.4(a) (1) through (5) will not be treated as a petition under this part. Such a document will be treated according to the existing correspondence and other procedures of the NHTSA, and any information contained in it will be considered at the discretion of the Administrator.

**§ 557.6 Determination whether to hold a public hearing.**

(a) The Administrator considers the following factors in determining whether to hold a hearing:

- (1) The nature of the complaint;
- (2) The seriousness of the alleged breach of obligation to remedy;
- (3) The existence of similar complaints;
- (4) The ability of the NHTSA to resolve the problem without holding a hearing; and
- (5) Other pertinent matters.

(b) If, after considering the above factors, the Administrator determines that a hearing should be held, the petition is granted. If it is determined that a hearing should not be held, the petition is denied. In either case, the petitioner is notified of the grant or denial not more than 60 days after receipt of the petition by the NHTSA.

(c) If a petition submitted under this part is denied, a FEDERAL REGISTER notice of the denial is issued within 45 days of the denial, setting forth the reasons for it.

(d) The Administrator may conduct a hearing under this part on his own motion.

**§ 557.7 Public hearing.**

If the Administrator decides that a public hearing under this part is necessary, he issues a notice of public hearing in the FEDERAL REGISTER, to advise interested persons of the time, place, and subject matter of the public hearing and invite their participation. Interested persons may submit their views through oral or written presentation, or both. There is no cross-examination of witnesses. A transcript of the hearing is kept and exhibits may be

accepted as part of the transcript. Sections 556 and 557 of title 5, U.S.C., do not apply to hearings held under this part. When appropriate, the Chief Counsel designates a member of his staff to serve as legal officer at the hearing.

**§ 557.8 Determination of manufacturer's obligation.**

If the Administrator determines, on the basis of the information presented at a hearing or any other information that is available to him, that the manufacturer has not reasonably met his obligation to notify owners, dealers, and purchasers of a safety-related defect or failure to comply with a Federal motor vehicle safety standard or to remedy such defect or failure to comply, he orders the manufacturer to take specified action to comply with his obligation, consistent with the authority granted the Administrator by the Act.

**PART 563—EVENT DATA RECORDERS**

- Sec.
- 563.1 Scope.
- 563.2 Purpose.
- 563.3 Application.
- 563.4 [Reserved]
- 563.5 Definitions.
- 563.6 Requirements for vehicles.
- 563.7 Data elements.
- 563.8 Data format.
- 563.9 Data capture.
- 563.10 Crash test performance and survivability.
- 563.11 Information in owner's manual.
- 563.12 Data retrieval tools.

AUTHORITY: 49 U.S.C. 322, 30101, 30111, 30115, 30117, 30166, 30168; delegation of authority at 49 CFR 1.50.

SOURCE: 71 FR 51043, Aug. 28, 2006, unless otherwise noted.

**§ 563.1 Scope.**

This part specifies uniform, national requirements for vehicles equipped with event data recorders (EDRs) concerning the collection, storage, and retrievability of onboard motor vehicle crash event data. It also specifies requirements for vehicle manufacturers

## § 563.2

to make tools and/or methods commercially available so that crash investigators and researchers are able to retrieve data from EDRs.

### § 563.2 Purpose.

The purpose of this part is to help ensure that EDRs record, in a readily usable manner, data valuable for effective crash investigations and for analysis of safety equipment performance (e.g., advanced restraint systems). These data will help provide a better understanding of the circumstances in which crashes and injuries occur and will lead to safer vehicle designs.

### § 563.3 Application.

This part applies to the following vehicles manufactured on or after September 1, 2012, if they are equipped with an event data recorder: passenger cars, multipurpose passenger vehicles, trucks, and buses with a GVWR of 3,855 kg (8,500 pounds) or less and an unloaded vehicle weight of 2,495 kg (5,500 pounds) or less, except for walk-in van-type trucks or vehicles designed to be sold exclusively to the U.S. Postal Service. This part also applies to manufacturers of those vehicles. However, vehicles manufactured before September 1, 2013 that are manufactured in two or more stages or that are altered (within the meaning of 49 CFR 567.7) after having been previously certified to the Federal motor vehicle safety standards in accordance with part 567 of this chapter need not meet the requirements of this part.

[73 FR 2179, Jan. 14, 2008]

### § 563.4 [Reserved]

### § 563.5 Definitions.

(a) *Motor vehicle safety standard definitions.* Unless otherwise indicated, all terms that are used in this part and are defined in the Motor Vehicle Safety Standards, part 571 of this subchapter, are used as defined therein.

(b) *Other definitions.*

*ABS activity* means the anti-lock brake system (ABS) is actively controlling the vehicle's brakes.

*Air bag warning lamp status* means whether the warning lamp required by FMVSS No. 208 is on or off.

## 49 CFR Ch. V (10–1–13 Edition)

*Capture* means the process of buffering EDR data in a temporary, volatile storage medium where it is continuously updated at regular time intervals.

*Delta-V, lateral* means the cumulative change in velocity, as recorded by the EDR of the vehicle, along the lateral axis, starting from crash time zero and ending at 0.25 seconds, recorded every 0.01 seconds.

*Delta-V, longitudinal* means the cumulative change in velocity, as recorded by the EDR of the vehicle, along the longitudinal axis, starting from crash time zero and ending at 0.25 seconds, recorded every 0.01 seconds.

*Deployment time, frontal air bag* means (for both driver and right front passenger) the elapsed time from crash time zero to the deployment command, or for multi-staged air bag systems, the deployment command for the first stage.

*Disposal* means the deployment command of the second (or higher, if present) stage of a frontal air bag for the purpose of disposing the propellant from the air bag device.

*End of event time* means the moment at which the resultant cumulative delta-V within a 20 ms time period becomes 0.8 km/h (0.5 mph) or less, or the moment at which the crash detection algorithm of the air bag control unit resets.

*Engine RPM* means

(1) For vehicles powered by internal combustion engines, the number of revolutions per minute of the main crankshaft of the vehicle's engine; and

(2) For vehicles not entirely powered by internal combustion engines, the number of revolutions per minute of the motor shaft at the point at which it enters the vehicle transmission gearbox.

*Engine throttle, percent full* means the driver-requested acceleration as measured by the throttle position sensor on the accelerator pedal compared to the fully-depressed position.

*Event* means a crash or other physical occurrence that causes the trigger threshold to be met or exceeded, or any non-reversible deployable restraint to be deployed, whichever occurs first.

*Event data recorder (EDR)* means a device or function in a vehicle that