



Module 19

Electronic Recording Devices



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Things to think about ...

As an alternative to the daily log, some commercial vehicle drivers use an electronic recording device. This device is installed in a commercial vehicle and records each period of duty status for the driver. The Federal *Commercial Vehicle Drivers Hours of Service Regulations* allow drivers to use an electronic recording device if it meets specific conditions.

When can a driver use an electronic recording device?

What will I learn in this module?

- Electronic recording device conditions for use

When can a driver use an electronic recording device?



Legislative References:

- *Federal Commercial Vehicle Drivers Hours of Service Regulations (SOR/2005-313) Section 1 Application*
- *Federal Commercial Vehicle Drivers Hours of Service Regulations (SOR/2005-313) Section 83 Use of Electronic Recording Devices*

An electronic recording device is an electric, electronic or telematic device that is installed in a commercial vehicle. The device accurately records each period of duty status for the driver.

A driver can use an electronic recording device if it meets the following conditions:

- The device records the time spent in each period of duty status.
- The device is capable of displaying the following:
 - Driving time and other on-duty time for each day
 - Total on-duty time remaining and total on-duty time accumulated in the cycle being used by the driver
 - Sequential changes in duty status and the time at which each change occurred
- Information contained in the device is the same information that a driver would record on a daily log in paper format.
- The device automatically records when it is disconnected and reconnected and keeps a record of the time and date of these occurrences.
- The driver signs each hard copy page of the daily log when generated from the information stored in the device to verify its accuracy.
- If requested by an inspector, the driver is able to prepare a handwritten daily log from the information stored in the device.

- If requested by an inspector, the driver can immediately provide information for the previous 14 days by producing it in one of the following ways:
 - On a digital display screen of the device
 - In handwritten form
 - On a printout or any other readable output
 - Any combination of the above
- The motor carrier provides blank daily log forms in the commercial vehicle for the driver's use.

The driver can use the electronic recording device, such as a laptop or handheld computer, as long as it meets these conditions. If the electronic recording device malfunctions, the driver needs to use a paper (hard copy) daily log.



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Module Self-Check Questions

If you can answer the following questions, you are ready to move to the next module. If you can't answer the questions, please review the module again before continuing.

- 1) Identify the items that an electronic recording device must be capable of displaying.

- 2) Identify the number of previous days' records that a driver must be able to produce if requested by an inspector.

- 3) Identify the ways in which a driver can produce previous days' information for an officer.



Answers to Module Self-Check Questions

- 1) Identify the items that an electronic recording device must be capable of displaying.
 - Driving time and other on-duty time for each day
 - Total on-duty time remaining and total on-duty time accumulated in the cycle being used by the driver
 - Sequential changes in duty status and the time at which each change occurred
- 2) Identify the number of previous days' records that a driver must be able to produce if requested by an inspector.
 - Previous 14 days
- 3) Identify the ways in which a driver can produce previous days' information for an officer.
 - On a digital display screen of the device
 - In handwritten form
 - On a printout or any other readable output
 - Any combination of the above