

## DEPARTMENT OF TRANSPORTATION

## National Highway Traffic Safety Administration

(Docket No. NHTSA-2010-0002)

## Visual Manual NHTSA Driver Distraction Guidelines for In-Vehicle Electronic Devices

**Agency:** National Highway Traffic Safety Administration (NHTSA), Department of Transportation (DOT).  
**ACTION:** Notice of proposed Federal guidelines.

**SUMMARY:** The National Highway Traffic Safety Administration (NHTSA) is concerned about the effects of distractions due to drivers' use of electronic devices on motor vehicle safety. Consequently, NHTSA is issuing nonbinding, voluntary NHTSA Driver Distraction Guidelines (NHTSA Guidelines) to promote safety by discouraging the introduction of secondary distracting devices to vehicles.

This notice details the contents of the first phase of the NHTSA Driver Distraction Guidelines. These NHTSA Guidelines cover original equipment in-vehicle device secondary tasks: communications, entertainment, information gathering, and navigation tasks not required to drive are considered secondary tasks performed by the driver through visual-manual means decreasing the driver's looking at a device, manipulating a device-related control with the driver's hand, and watching for visual feedback.

The proposed NHTSA Guidelines that certain secondary, non-driving related tasks that, based on NHTSA's research, are hindered by the agency's research inherently with a driver's ability to safely control the vehicle. The Guidelines recommend that those in-vehicle devices be designed so that they cannot be used by the driver to perform such tasks while the device is driving. For all other secondary, non-driving related visual-manual tasks, the NHTSA Guidelines specify a test method for measuring the impact of task performance on driving task while driving, and time-based acceptance criteria for assessing whether a task interferes too much with driver attention to be suitable to perform while driving. If a task does not meet the acceptance criteria, the NHTSA Guidelines recommend that in-vehicle devices be designed so that the task cannot be performed by the driver while driving. In addition to identifying inherently distracting tasks and providing a means for measuring and

evaluating the level of distraction associated with other non-driving-related tasks, the NHTSA Guidelines contain several design recommendations for in-vehicle devices in order to minimize their potential for distraction.

NHTSA seeks comments on these NHTSA Guidelines and any suggestions for how to improve them so as to better enhance motor vehicle safety.

**DATES:** Comments: You should submit your comments early enough to ensure that the docket closes three not later than April 24, 2012.

**Public Meetings:** NHTSA will hold public meetings in March 2012 in three locations: Washington, DC; Los Angeles, California; and Chicago, Illinois. NHTSA will announce the exact dates and locations for each meeting in a supplemental Federal Register Notice.

**ADDRESSES:** You may submit comments to the docket number identified in the heading of this document by any of the following methods:

- **Federal eRulemaking Portal:** Go to <http://www.regulations.gov>. Follow the online instructions for submitting comments.
- **Mail:** Docket Management Facility, U.S. Department of Transportation, 1200 New Jersey Avenue SE, West Building Ground Floor, Room N-12-140, Washington, DC 20590-0002.
- **Hand Delivery or Courier:** 1200 New Jersey Avenue SE, West Building Ground Floor, Room N-12-140, between 9 a.m. and 5 p.m. ET, Monday through Friday, except Federal holidays.
- **Fax:** 202-493-2250.

**Instructions:** For detailed instructions on submitting comments, see the Public Participation heading of the Supplementary Information section of this document. Note that all comments received will be posted without change to <http://www.regulations.gov>, including any personal information provided. Please see the "Privacy Act" heading below.

**Privacy Act:** Anyone is able to search the electronic form of all comments received into any of our dockets by the name of the individual submitting the comment (or signing the comment, if submitted on behalf of an association, business, labor union, etc.). You may review DOT's complete Privacy Act Statement in the **Federal Register** published on April 11, 2000 (65 FR 19477-78) or you may visit <http://www.dhs.gov>.

**Docket:** For access to the docket to read background documents or comments received, go to <http://www.regulations.gov> or the street address listed above. Follow the online instructions for accessing the docket.

**FOR FURTHER INFORMATION CONTACT:** For technical issues, you may contact Dr. W. Billy Cairns, Vehicle Research and Test Center, telephone: (202) 800-0042, facsimile: (202) 800-0090. You may email mail to this person at: The National Highway Traffic Safety Administration, Vehicle Research and Test Center, P.O. Box 8-07, East Liberty, OH 44016.

**SUPPLEMENTARY INFORMATION:** These proposed NHTSA Guidelines will lead to issuance of final NHTSA Guidelines, which will not have the force and effect of law and will not be regulations. Therefore, NHTSA is not required to provide notice and an opportunity for comment. NHTSA is doing so, however, to ensure that its final NHTSA Guidelines benefit from the input of all stakeholders and interested persons.

## Table of Contents

- I. Executive Summary
  - A. The Problem of Driver Distraction and Related Research
  - B. NHTSA Driver Distraction Program
  - C. Today's Program
- II. Background
  - A. Accidents Used in Document
  - B. The Driver Distraction Safety Problem
  - C. Estimation of Distraction Crash Risk The National Driving Study
  - D. Summary of National Driving Study Distraction Risk Analysis
  - E. NHTSA's Driver Distraction Program
- III. Safety Research Guidelines
  - A. NHTSA Research on Driving Driver Distraction Mitigation and Management Methods
    - A. Timeline of NHTSA Driver Distraction Management Research
    - B. "U-Scored Risk" Study
    - C. Collision Avoidance Mitigation Partnership (CAMP) Driver Workload Mitigation Project
    - D. Measuring Distraction Potential of Operating In-Vehicle Devices
    - E. Evaluating a Test To Measure Distraction Potential of In-Vehicle Information System Tasks in Production Vehicles
    - F. Review from Effects of Manual Number and Text Entry While Driving
    - G. Principal Findings of NHTSA Driver Distraction Mitigation Research
- IV. Driver Distraction Prevention and Mitigation Guidelines
  - A. Generally Existing Driver Distraction Guidelines
  - B. Why NHTSA is Issuing the New Guidelines for Limiting and Reducing Driver Distraction
  - C. First Phase of NHTSA's Driver Distraction Guidelines Focuses on Original Equipment Devices with Visual-Manual Driver Interfaces
  - D. How NHTSA Actions on Driver Distraction
  - E. Challenges Relating to the Development of Secondary Contributions to Distraction Driver Distraction
  - F. Justification for Specific Portions of NHTSA Guidelines for Reducing Driver

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**Patrick Vollmar**



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## **Table of Contents Nhtsa Dui Training Manual 2010**

1. Understanding the eBook Nhtsa Dui Training Manual 2010
  - The Rise of Digital Reading Nhtsa Dui Training Manual 2010
  - Advantages of eBooks Over Traditional Books
2. Identifying Nhtsa Dui Training Manual 2010
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Nhtsa Dui Training Manual 2010
  - User-Friendly Interface
4. Exploring eBook Recommendations from Nhtsa Dui Training Manual 2010
  - Personalized Recommendations
  - Nhtsa Dui Training Manual 2010 User Reviews and Ratings
  - Nhtsa Dui Training Manual 2010 and Bestseller Lists
5. Accessing Nhtsa Dui Training Manual 2010 Free and Paid eBooks
  - Nhtsa Dui Training Manual 2010 Public Domain eBooks
  - Nhtsa Dui Training Manual 2010 eBook Subscription Services
  - Nhtsa Dui Training Manual 2010 Budget-Friendly Options

6. Navigating Nhtsa Dui Training Manual 2010 eBook Formats
  - ePub, PDF, MOBI, and More
  - Nhtsa Dui Training Manual 2010 Compatibility with Devices
  - Nhtsa Dui Training Manual 2010 Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Nhtsa Dui Training Manual 2010
  - Highlighting and Note-Taking Nhtsa Dui Training Manual 2010
  - Interactive Elements Nhtsa Dui Training Manual 2010
8. Staying Engaged with Nhtsa Dui Training Manual 2010
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Nhtsa Dui Training Manual 2010
9. Balancing eBooks and Physical Books Nhtsa Dui Training Manual 2010
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Nhtsa Dui Training Manual 2010
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Nhtsa Dui Training Manual 2010
  - Setting Reading Goals Nhtsa Dui Training Manual 2010
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Nhtsa Dui Training Manual 2010
  - Fact-Checking eBook Content of Nhtsa Dui Training Manual 2010
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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