



Overview of guidance developed for jurisdictions by AAMVA's Autonomous Vehicles Best Practices Working Group

Began Effort January 2015 – Anticipated Completion May 2018

Title Jurisdictional Guidelines for the Safe Testing and Deployment of Highly Automated Vehicles

Purpose Provides voluntary recommended guidelines for jurisdictions that choose to regulate testing and deployment of HAVs in an effort to establish uniformity among jurisdictions.

Guiding Principles

- Facilitating a consistent and balanced oversight approach by motor vehicle administrators to avoid inconsistent regulatory practices
- Supporting the research and development of technology which has the potential to improve traffic safety while providing mobility options for underserved populations
- Supporting the safe testing and deployment of HAVs
- Confirming the roles and responsibilities of jurisdictions and the federal government

Report Outline

Executive Summary

Chap 1. Introduction

Chap 2. Vehicle Classification, Terms and Technologies

Chap 3. Administrative Considerations

Chap 4. Vehicle Credentialing Considerations

Chap 5. Driver Licensing Considerations

Chap 6. Law Enforcement Considerations

Chap 7. Next Steps

Appendix A - Summary of Jurisdictional Guidelines

Appendix B - Summary of Recommendations for Manufacturers

Appendix C – Working Group Members

Report Format

Each topic area is discussed in a standard format and includes:

- A discussion on the background of the issue
- A discussion on the recommended guidelines for testing and/or deployed vehicles
- Precise guideline listed and numbered
- Benefits of implementing the guideline
- Challenges that jurisdictions may face when implementing

Topic discussed in each chapter:

Chapter 3. Administration

3.1 Administrative Considerations

- Lead agency and stakeholder committee
- Strategy for addressing testing and deployment
- Laws and regulations review
- Statutory authority
- Use of this report and NHTSA's guidance 2.0 to frame regulations

Chapter 4. Vehicle Credentialing Considerations

- 4.1 Application for Permit to test HAVs
- 4.2 Vehicle Registration
- 4.3 Title and Branding New and Aftermarket HAVs
- 4.4 License Plates
- 4.5 Manufacturer Certificates of Origin
- 4.6 Financial Responsibility
- 4.7 Federal Motor Vehicle Safety Standards

Chapter 5. Driver Licensing Considerations

- 5.1 Driver and Passenger Roles Defined
- 5.2 Driver License Requirements for Testing by Manufacturers and Other Entities
- 5.3 Driver Training for Consumers for Deployed Vehicles
- 5.4 HAV Driver Training for Motor Vehicle Agency Examiners, Driver Education Programs and Private Instructors
- 5.5 Driver License Skills Testing with Automated Vehicle Technologies
- 5.6 Endorsements and Restrictions for Deployed Vehicles

Chapter 6. Law Enforcement Considerations

- 6.1 Crash/Incident Reporting
- 6.2 Criminal Activity
- 6.3 Distracted Driving
- 6.4 Enforcement of Permit Conditions
- 6.5 Establishing Operational Responsibility and Law Enforcement Implications
- 6.6 First Responder Safety
- 6.7 Law Enforcement/First Responder Training
- 6.8 Vehicle Response to Emergency Vehicles, Manual Traffic Controls and Atypical Road Conditions
- 6.9 System Misuse and Abuse
- 6.10 Vehicle Identification
- 6.11 Adherence to Traffic Laws

Once published, the report will be available on AAMVA's website - AAMVA.org