

*Time-Distance Operator Training / Time-Distance Operator Re-Certification*

TDI-B00.01 Abstract

TIME-DISTANCE OPERATOR TRAINING  
COURSE ABSTRACT

Course Goal: To improve the effectiveness of speed enforcement through the proper and efficient use of Time-Distance speed measurement instruments.

Performance Objectives: At the end of this block of instruction, the student will be able to achieve the following objectives in accordance with the information received during the course period:

1. Describe the association between excessive speed and accidents, deaths, and injuries, and describe the safety benefits of effective speed regulation.
2. Describe the basic principles of time-distance speed measurements.
3. Acquire and demonstrate basic skills in calibrating and operating specific time-distance instruments.
4. Identify specific time-distance instruments and techniques used by the trainee's agency and describe their major components, features, and functions.
5. Identify laws, court rulings, regulations, policies, and procedures affecting time-distance speed measurement and speed enforcement.
6. Acquire and demonstrate basic skills in preparing and presenting records and testimony relating to time-distance speed measurement and speed enforcement.
7. Demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form.
8. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria

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specified on a standardized performance evaluation form.

Hours: Thirty-two (32) hours

Instructional Method: Lecture, Demonstration, Field Practice

Materials Required: Time-Distance Operator Training Course Manual  
Supplement for Speed Measuring Instrument Courses  
Time-Distance Instruments  
Time-Distance Equipped Vehicle(s)  
Course Handouts  
Notebook Paper  
Pen/Pencils

References: *“Operator Manual; Tracker”* Kustom Signals Inc. Chanute KS.  
2011

NC Department of Justice. *Administrative Code; Title 12 Chapter 9*. Raleigh, NC: NC Criminal Justice Education and Training Standards Commission. 2011

U.S. Department of Transportation. *Time-Distance Speed Principles*. Washington, DC: National Highway Traffic Safety Administration, n.d.

U.S. Department of Transportation. *Basic Training Program in VASCAR Speed Measurement*. Washington, DC: National Highway Traffic Safety Administration, n.d.

U.S. Department of Transportation. *Traffic Safety Facts; 2009*. Washington, DC: National Highway Traffic Safety Administration, 2011.

Prepared By: North Carolina Justice Academy Staff

Date Prepared: Spring 1981

Revised By: North Carolina Justice Academy Staff

Revised: Winter 1984

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January 1989  
December 1993

Revised By: North Carolina SMI Advisory Committee

Date Revised: August 1999  
January 2004  
October 2005

Reviewed By: North Carolina SMI Advisory Committee

Date Reviewed: August 2008  
August 2011

Revised By: Dan Worley, Chairman  
North Carolina SMI Advisory Committee

Date Revised: March 2015

BIBLIOGRAPHY

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Cerrelli, E.C. *Safety Consequences of Raising the National Speed Limit from 55 m.p.h. to 60 m.p.h.* Washington, D.C.: U.S. Department of Transportation, 1977.

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U.S. Department of Transportation. *Basic Training Program in RADAR Speed Measurement: Trainee Instructional Manual*. Washington, DC: National Highway Traffic Safety Administration, n.d.

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U.S. Department of Transportation. *Basic Training Program in VASCAR Speed Measurement*. Washington, DC: National Highway Traffic Safety Administration, n.d.

U.S. Department of Transportation. *55 m.p.h. Fact Book*. Washington, DC: National Highway Safety Administration, 1979.

U.S. Department of Transportation. *Selected Highway Statistics and Charts 1985*. Washington, DC: Federal Highway Administration, 1986.

U.S. Department of Transportation. *Fatal Accident Reporting System 1985*. Washington DC: National Highway Traffic Safety Administration, 1987.

U.S. Department. of Transportation. *Fatal and Injury Accident Rates on Public Roads in the United States*. Washington, DC: National Highway Traffic Safety Administration, May 1987.

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TIME-DISTANCE OPERATOR TRAINING COURSE

Course Orientation	.5 Hour
Introduction to Time-Distance Training	.5 Hour
Speed Offenses and Speed Enforcement	2 Hours
Basic Principles of Time-Distance Speed Measurement	2 Hours
Legal and Operational Considerations	4 Hours
Familiarization and Operation of Specific Time-Distance Instruments [Supervised Operation of Instrument(s) - Field Practice]	12 Hours
Courtroom Preparation	3 Hours
Motor-Skill Performance Testing	5 Hours
Course Review	1 Hours

Total: 30 Hours

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TIME-DISTANCE OPERATOR RE-CERTIFICATION  
COURSE ABSTRACT

Course Goal:

To improve the effectiveness of speed enforcement through the proper and efficient use of time-distance speed measurement instruments.

Performance Objectives:

At the end of this block of instruction, the student will be able to achieve the following objectives in accordance with the information received during the course period:

1. Demonstrate basic skills in calibrating and operating specific time-distance instruments.
2. Identify specific time-distance instruments and techniques used by the trainee's agency and describe their major components, features, and functions.
3. Identify laws, court rulings, regulations, policies, and procedures affecting time-distance speed measurement and speed enforcement.
4. Demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form.
5. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria specified on a standardized performance evaluation form.

Hours:

Eight (8) hours

Instructional Method:

Lecture, Demonstration, Field Practice

Materials Required:

Time-Distance Operator Training Course Manual  
Supplement for Speed Measuring Instrument Courses  
Time-Distance Instruments  
Time-Distance Equipped Vehicle(s)  
Course Handouts  
Notebook Paper

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Pen/Pencils

References: U.S. Department of Transportation. *Basic Training Program in VASCAR Speed Measurement*. Washington, DC: National Highway Traffic Safety Administration, n.d.

Prepared By: North Carolina SMI Advisory Committee

Date Prepared: August 1999

Revised By: North Carolina SMI Advisory Committee

Date Revised: January 2004  
October 2005

Reviewed By: North Carolina SMI Advisory Committee

Date Reviewed: August 2008  
August 2011

Revised By: Dan Worley, Chairman  
North Carolina SMI Advisory Committee

Date Revised: March 2015

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TIME-DISTANCE OPERATOR RE-CERTIFICATION TRAINING COURSE

Course Orientation	.5 Hour
Legal and Operational Considerations	1.5 Hours
Motor-Skill Performance Testing	4 Hours
	<u>Total: 6 Hours</u>