

<i>Time-Distance Operator Training / Time-Distance Operator Re-Certification</i>
--

TDI-B08.01

Course Title: TIME-DISTANCE OPERATOR TRAINING / TIME-DISTANCE OPERATOR RE-CERTIFICATION TRAINING

Lesson Title: Motor-Skill Performance Testing

Lesson Purpose: To evaluate the trainee on his/her knowledge of the Time-Distance instrument(s) in which the trainee seeks certification.

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

1. Demonstrate one-hundred (100) percent competence in the setup, calibration, test for accuracy and operation of the Time-Distance instrument(s) for which the trainee seeks certification in accordance with criteria specified on a standardized performance evaluation form.
2. Demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form.
3. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria specified on a standardized performance evaluation form.

Hours: Five (5) hours

Instructional Method: Evaluation

Material Required: Time-Distance Operator Training Course Manual
SMI Motor-Skill Testing Forms
Time-Distance Equipped Vehicle(s)
Power Supplies

References: See Bibliography

<i>Time-Distance Operator Training / Time-Distance Operator Re-Certification</i>
--

Prepared By:	W. Stacy Holloman Instructor/Coordinator North Carolina Justice Academy
Date Prepared:	March 1999
Revised By:	North Carolina SMI Advisory Committee
Date Revised:	January 2004
Reviewed By:	North Carolina SMI Advisory Committee
Date Reviewed:	August 2008
Revised By:	North Carolina SMI Advisory Committee
Date Revised:	August 2011 August 2014

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

TDI-B08.03

Course Title: TIME-DISTANCE OPERATOR TRAINING / TIME-DISTANCE OPERATOR RE-CERTIFICATION TRAINING

Lesson Title: Motor-Skill Performance Testing

I. Introduction

A. Opening Statement

The trainee will be evaluated to ensure that he/she possesses the minimum skills necessary to function as a Time-Distance Operator, utilizing the Time-Distance instrument(s) for which the trainee seeks certification.

Note: Show Slide, “Performance Objectives”

B. Performance Objectives

At the end of this block of instruction, the trainee will be able to achieve the following objectives in accordance with the information provided during the instructional period:

1. Demonstrate one-hundred (100) percent competence in the setup, calibration, test for accuracy and operation of the Time-Distance instrument(s) for which the trainee seeks certification in accordance with criteria specified on a standardized performance evaluation form.
2. Demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form.
3. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria specified on a standardized performance evaluation form.

C. Reason

To allow the trainee to demonstrate his/her ability to follow proper setup, calibration, test for accuracy and operational procedures of the Time-Distance instrument(s) in which the trainee seeks certification.

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

II. Body

TIME-DISTANCE OPERATOR TRAINING COURSE

A. Motor-Skills Performance Testing

1. The trainee must demonstrate one-hundred (100) percent competence in the setup, calibration, test for accuracy and operation of the Time-Distance instrument(s) for which the trainee seeks certification in accordance with criteria specified on a standardized performance evaluation form. This must be completed in 2 hours or less of total testing time including the sign-off, calibration routine, and the 25 basic configuration clocks.
2. The trainee must demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form. This must be completed in .5 hour (30 minutes) or less of total testing time.
3. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria specified on a standardized performance evaluation form. This must be completed in 2 hours or less of total testing time (as previously noted) including the sign-off and calibration routine.
4. Any trainee failing to achieve one-hundred (100) percent competence in the motor-skill area may be allowed one re-examination.
5. When applicable, time limits have been established for some of the motor skills testing. Each test form, where these time limits exist, have “start,” “end,” and “total time” blanks to assist you in keeping time during testing. The SMI Instructor shall record the time used by the student to complete each configuration/mode and document that time in the provided spaces on the appropriate motor skills testing form. The use of a wristwatch or vehicle (dash) clock shall be permissible and time used by the student will be rounded to the LOWER minute of testing for each configuration/mode to ensure the full allotted maximum time is provided to the student before a failure is recorded. At the end of the testing, the instructor shall add all of the testing segments to obtain a total testing time, including the signoff, calibration, road test, and any restarts that were required. If the total testing time exceeds the allowed maximum testing time, the student has

failed the motor skills test and will NOT be permitted a RETEST. Therefore, the student will be dismissed from the training. If the total testing time does not exceed the allowed maximum testing time, and no failures remain, the student has passed the motor skills test. If the total testing time does not exceed the allowed maximum testing time, but a failure still exists due to a sequence failure or MPH error, the student may request a RETEST (if applicable) to correct that deficiency, however, the instructor will then add the total testing time of the initial attempt (the signoff, calibration, road test, and any restarts that were required) AND the total time used during the RETEST. The SMI Instructor may stop testing at any point the maximum time limit has been reached, as no RETEST opportunity is allowed on a time failure. To pass the motor skills test in this example, the student must pass the deficiency (a sequence failure or MPH error) and be within the allowable time limit for all modes of testing. Once the student is ready and verbally says he/she is starting the test for each configuration or section, the time will begin. Remember that once a student begins testing, they must complete all the required clocks (the six speed estimates or the 5 configuration clocks) consecutively in that testing configuration, and the time is counted until that configuration is finished or a failure occurs. Time will be kept by a reliable source; such as a clock or stopwatch, and the same device should be used to keep time throughout the entire segment of testing. The time utilized for that configuration is recorded in the “total time” blank located in that configuration. A failure will occur if the total time utilized by the student exceeds the allowed time by as little as 1 complete second or more. The instructor shall carefully ensure that the student is provided the full maximum time before a failure is recorded.

6. Motor-skill re-examination procedures

Note: Show Slide, “Motor Skill Performance Testing”

- a) A trainee shall have, within 90 days of the original examination, only one opportunity for motor-skill re-examination and shall satisfactorily complete each identified area of deficiency on the original motor-skill examination.
- b) The trainee may be given the one opportunity for re-examination on the same day if he/she wishes. If not, the trainee must contact a currently certified Time-Distance Instructor to arrange a date, time,

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

and place for a re-examination.

- c) If the trainee fails to achieve one-hundred (100) percent competence on the motor-skill re-examination, he/she will not be recommended for certification and shall enroll and complete a subsequent course offering in its entirety before further examination may be permitted.

- 7. If the trainee fails both the motor-skill examination and the written examination, he/she shall not be allowed re-examination on either examination. The trainee will not be recommended for certification and shall enroll and complete a subsequent course offering in its entirety before further examination may be permitted.

B. Motor-Skill Performance Testing Evaluation Forms

Speed measuring instrument evaluation forms are contained on the webpage maintained by the Criminal Justice Standards Division.

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

TIME-DISTANCE OPERATOR RE-CERTIFICATION TRAINING COURSE

A. Motor-Skills Performance Testing

1. The trainee must demonstrate one-hundred (100) percent competence in the setup, calibration, test for accuracy and operation of the Time-Distance instrument(s) for which the trainee seeks certification in accordance with criteria specified on a standardized performance evaluation form. This must be completed in 2 hours or less of total testing time including the sign-off, calibration routine, and the 25 basic configuration clocks.
2. The trainee must demonstrate the ability to estimate vehicular speed in accordance with criteria specified on a standardized performance evaluation form. This must be completed in .5 hour (30 minutes) or less of total testing time.
3. Demonstrate one-hundred (100) percent competence on 25 basic configuration clocks in accordance with criteria specified on a standardized performance evaluation form. This must be completed in 2 hours or less of total testing time including the sign-off and calibration routine.
4. Any trainee failing to achieve one-hundred (100) percent competence in the motor-skill area may be allowed one re-examination. The trainee's current Time-Distance certification automatically and immediately terminates at the time the trainee fails the motor-skill examination. No further enforcement action resulting from the use of Time-Distance instruments shall be taken by such trainee until proper certification is re-issued by the Commission and is in the possession of the trainee.
5. When applicable, time limits have been established for some of the motor skills testing. Each test form, where these time limits exist, have "start," "end," and "total time" blanks to assist you in keeping time during testing. The SMI Instructor shall record the time used by the student to complete each configuration/mode and document that time in the provided spaces on the appropriate motor skills testing form. The use of a wristwatch or vehicle (dash) clock shall be permissible and time used by the student will be rounded to the LOWER minute of testing for each configuration/mode to ensure the full allotted maximum time is provided to the student before a failure is recorded. At the end of the testing, the instructor shall add all

of the testing segments to obtain a total testing time, including the signoff, road test, and any restarts that were required. If the total testing time exceeds the allowed maximum testing time, the student has failed the motor skills test and will NOT be permitted a RETEST. Therefore, the student will be dismissed from the training. If the total testing time does not exceed the allowed maximum testing time, and no failures remain, the student has passed the motor skills test. If the total testing time does not exceed the allowed maximum testing time, but a failure still exists due to a sequence failure or MPH error, the student may request a RETEST (if applicable) to correct that deficiency, however, the instructor will then add the total testing time of the initial attempt (the signoff, road test, and any restarts that were required) AND the total time used during the RETEST. The SMI Instructor may stop testing at any point the maximum time limit has been reached, as no RETEST opportunity is allowed on a time failure. To pass the motor skills test in this example, the student must pass the deficiency (a sequence failure or MPH error) and be within the allowable time limit for all modes of testing. Once the student is ready and verbally says he/she is starting the test for each configuration or section, the time will begin. Remember that once a student begins testing, they must complete all six clocks consecutively in that testing configuration, and the time is counted until that configuration is finished or a failure occurs. Time will be kept by a reliable source; such as a clock or stopwatch, and the same device should be used to keep time throughout the entire segment of testing. The time utilized for that configuration is recorded in the “total time” blank located in that configuration. A failure will occur if the total time utilized by the student exceeds the allowed time by as little as 1 complete second or more. The instructor shall carefully ensure that the student is provided the full maximum time before a failure is recorded.

6. Motor-skill re-examination procedures
 - a) A trainee shall have, within 90 days of the original examination, only one opportunity for motor-skill re-examination and shall satisfactorily complete each identified area of deficiency on the original motor-skill examination.
 - b) The trainee may be given the one opportunity for re-examination on the same day if he/she wishes. If not, the trainee must contact a currently certified Time-Distance Instructor to arrange a date, time, and place for a re-examination.

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

- c) If the trainee fails to achieve one-hundred (100) percent competence on the motor-skill re-examination, he/she will not be recommended for re-certification. Trainee shall enroll and complete a subsequent Time-Distance Operator Training Course in its entirety before further examination may be permitted. The Operator certification immediately terminates if a failure occurs, and the officer shall first be reissued a certification and have such in hand before enforcement action is permitted while using Time-Distance.

B. Motor-Skill Performance Testing Evaluation Forms

Speed measuring instrument evaluation forms are contained on the webpage maintained by the Criminal Justice Standards Division.

III. Conclusion

A. Summary

The trainee's demonstration of the instrument calibration, testing for accuracy, and operating procedures outlined in this lesson plan is necessary to ensure that the trainee is competent in the area of setup, calibration, test for accuracy and operational procedures of the Time-Distance instrument(s) in which he/she will be certified upon successful completion of this training course.

B. Questions

Note: Show Slide, "Questions"

C. Closing Statement

Remember that you are ultimately responsible for your performance as a Time-Distance Operator. Always follow the procedures set forth by the Commission. Not only because it is required, but to ensure that you, the Time-Distance Operator, make reliable, credible and accurate enforcement actions.