

7-2. Procedures

- a. Equipment operator testing and licensing procedures for self-propelled equipment will conform with this regulation. Additional procedures for materiel-handling equipment are contained in TB 600-2. Physical evaluation measures and operator performance tests will be used.
- b. Equipment operator testing and licensing procedures for nonself-propelled equipment will conform to the requirements contained in TB 600-1 and TB 600-2.
- c. Applicants will be required to satisfactorily demonstrate their proficiency in operating each piece of equipment for which they are to be licensed.
- d. Qualification on non-self-propelled equipment will be entered on DA Form 348, section I, and training will be entered in section III.

Chapter 8 Night Vision Devices

8-1. Standardized training, testing, and licensing

This chapter provides commanders with standardized training, testing, and licensing requirements for use of night vision devices (NVDs) by motor vehicle operators. Night vision devices include image intensification and thermal imaging devices (less weapon sights).

8-2. Training strategy

- a. Commanders will manage NVD training programs according to this regulation and other applicable publications (see para 8-3, and determine what type of night training program best supports the unit mission).
- b. Commanders will establish speed limitations for all modes of driving with NVDs. In addition, commanders at all levels must understand the devices' limitations to conduct effective risk assessments for NVD training (see FM 21-305 and TC 21-305-2 for technical information on NVDs to assist in making these important decisions and assessments).
- c. The ability to drive with night vision devices is a highly perishable skill. Proficiency can be developed and maintained only through continuous hands-on training. Units will conduct qualification and refresher training per guidance in paragraphs 8-5 and 8-6.

8-3. Training materials

The following are useful training materials:

- a. FM 21-305, *Manual for the Wheeled Vehicle Driver*: night vision goggle (NVG) driving techniques and procedures, mission planning, safety factors, training programs, and guidance on unit standard operating procedures (SOPs) for wheeled vehicle, motorcycle, and ATV operators.
- b. TC 21-305-2, *Training Program for Night Vision Goggle Driving Operations*: NVG lesson plans, training calendar, written exam, eye charts, and paper transparencies.
- c. TC 21-306, *Tracked Combat Vehicle Driver Training*: Procedures for the tracked vehicle operator.
- d. Technical Manuals (TMs) pertaining to specific types of NVDs provide maintenance and operator instructions.

8-4. Night vision device instructors

- a. Instructor training for wheeled vehicles will comply with TC 21-305-2, and the guidelines in this chapter for qualification and refresher training.
- b. Instructors must be NVD qualified, and licensed on the vehicles on which training is conducted, and must be designated in writing by the commander as certified NVD instructors.
- c. Instructors will implement the commander's program, conduct qualification and refresher training, administer road tests, and keep the commander informed on the overall status of the unit's NVD profile.
- d. Instructors will document qualification and refresher training on the individual's DA Form 348, section III, and annotate on the OF 346 and DA Form 348, section I, the specific type of NVD on which the individual is qualified.

8-5. Qualification training

Qualification training will include sequential instruction in both academic and night driving tasks. A qualified NVD instructor must supervise all instruction.

- a. *NVD academics*. During NVD qualification, the operator will receive instruction in academic subjects (see app I) and must pass a written examination (see TC 21-305-2).
- b. *NVD driver training*. The operator will receive hands-on instruction in order to demonstrate proficiency while driving with the use of NVDs (see app I for task list). An NVD-equipped instructor will be in the vehicle during night driver training.
- c. *Qualification requirements*. To be qualified and licensed on NVDs, motor vehicle operators must—

- (1) Be licensed and current on the vehicle in which they will receive NVD training.
- (2) Complete the academic and driving requirements outlined in a and b above.
- (3) Successfully complete an NVD driver performance test given by an NVD instructor.

8-6. Refresher training

Refresher training will be conducted for motor vehicle operators who have not participated in an NVD driving mission in the past 6 months (USAR and ARNG: 12 months) to maintain or regain proficiency. Minimum requirements for NVD refresher training are—

- a.* Demonstrate proficiency in all qualification training tasks identified in appendix I.
- b.* Successfully complete an NVD driver performance test given by an NVD instructor.