

**Table C-1**  
**The Army Wheeled Vehicle Fleet Classification System (M Series Only)—Continued**

Vehicle	Brakes	Trans	Endorsement	Class
M915A1	AIR EXH	AUTO	AIR	A
M916	AIR EXH	SEMI	AIR	A
M917	AIR EXH	SEMI	AIR	B
M918	AIR EXH	SEMI	AIR	B
M919	AIR EXH	SEMI	AIR	B
M920	AIR EXH	SEMI	AIR	A
M923, A1, A2	AIR	AUTO	AIR	B
M924, A1	AIR	AUTO	AIR	B
M925, A1, A2	AIR	AUTO	AIR	B
M926, A1	AIR	AUTO	AIR	B
M927, A1, A2	AIR	AUTO	AIR	B
M928, A1, A2	AIR	AUTO	AIR	B
M929, A1, A2	AIR	AUTO	AIR	B
M930, A1, A2	AIR	AUTO	AIR	B
M931, A1, A2	AIR	AUTO	AIR	A
M932, A1, A2	AIR	AUTO	AIR	A
M934, A1, A2	AIR	AUTO	AIR	B
M935, A1, A2	AIR	AUTO	AIR	B
M936, A1, A2	AIR	AUTO	AIR	A
M966	HYD	AUTO	NONE	D
M977, 978	AIR	AUTO	AIR	B
M983	AIR	AUTO	AIR	A
M984, A1	AIR	AUTO	AIR	A
M985	AIR	AUTO	AIR	B
M996 THRU 998	HYD	AUTO	NONE	D
M1001, 1002	AIR	MAN	AIR	A
M1013, 1014	AIR	MAN	AIR	A
M1008, A1	HYD	AUTO	NONE	D
M1009, 1010	HYD	AUTO	NONE	D
M1025, 1026	HYD	AUTO	NONE	D
M1028	HYD	AUTO	NONE	D
M1035 THRU 1038	HYD	AUTO	NONE	D
M1024 THRU 1046	HYD	AUTO	NONE	D
M1067	AIR	AUTO	AIR	A
M1070	AIR	AUTO	AIR	A
V17A/MTQ	AIR/HYD	MAN	AIR	D
V18A/MTQ	AIR/HYD	MAN	AIR	D
V18B/MTQ	AIR/HYD	MAN	AIR	D

## Appendix D

### Physical Evaluation Measures

#### D-1. Evaluation objectives

Physical evaluation measures will ensure that all operators of motor vehicles possess at least minimum physical requirements for safe driving. In addition, they are intended for diagnostic, guidance, and counseling purposes.

#### D-2. Equipment

The driver testing and training device contains all the materials and instructions necessary to conduct the physical evaluation measures listed in this appendix. (See SB 700-20 for current model number and procurement instructions.) Equivalent testing instruments may be constructed locally, provided they are made to measure accurately the physical characteristics as prescribed.

#### D-3. Testing conditions

The general conditions of the test situation will be as prescribed in AR 611-5, Section III. In addition, the rooms in which the tests are given must be well lighted (without glare) and well ventilated. The examinee should be made comfortable in order that physical discomfort will not affect test results. If it is necessary to test more than one examinee at a time, and if the same room is used for more than one test, testing should be conducted so as to minimize distractions. The reaction time test must be given under conditions which are free from noise and other distractions.

#### D-4. Supplementary instructions to examiners

The following instructions apply to all measures of physical abilities and supplement the specific instructions accompanying the equipment.

- a. Before giving any test, one must know the purpose of the test, the equipment to be used, and the prescribed procedure. Give a number of trial tests in order to become familiar with the tests.
- b. Before each test, explain the purpose of the test to the examinee and tell him or her what is expected.
- c. On completion of testing, specific physical limitations should be called to the attention of the examinee. Describe compensating measures which may be taken.
- d. Physical characteristics will be measured in the order in which they are listed in this appendix.
- e. Measurements are recorded on DA Form 348.

#### **D-5. Visual acuity**

- a. This test determines whether the examinee can see well enough to drive safely.
- b. The minimum standard is uncorrected distant visual acuity of any degree which is correctable to not less than 20/40 in the better eye. Visual acuity tested with both eyes open must also be correctable to at least 20/40 with corrective lenses. All Army drivers who can attain 20/40 or better acuity with corrective lenses will be required to wear the lenses while operating an Army vehicle. Operator permits will be annotated to reflect this requirement. Examinees who do not meet the visual acuity standard will be referred to appropriate medical personnel to determine if vision can be corrected to a level safe for driving.

#### **D-6. Field of vision**

- a. This test determines whether the examinee can see to the side while looking straight ahead.
- b. The minimum acceptable standard is a lateral range of 75 percent on each side of the focus line for each eye. If the standard is not met, the examinee will be referred to appropriate medical personnel to determine if his or her lateral vision is sufficient for safe driving.

#### **D-7. Depth perception**

- a. This test determines how well the examinee can judge distances.
- b. There is no minimum standard. The results of this measure are used in driver counseling and training.

#### **D-8. Color perception**

- a. This test determines if the examinee is color blind.
- b. The examinee will not be disqualified for a vehicle operator's license because of color blindness. However, if color blindness is indicated, he or she will be given additional training on traffic light sequence, observation of other traffic, and so forth, which will enable him or her to drive safely.

#### **D-9. Foot reaction time**

- a. This test determines whether the examinee can move his or her foot quickly enough in response to driving conditions.
- b. The minimum acceptable reaction time is up to and including .60-second. If the examinee's reaction time is faster than .40-second, he or she will be cautioned about the possibility of rear end collisions. With this fast reaction time, any sudden application of brakes particularly invites collision from following vehicles driven by persons with slower reactions. If one's reaction time is between .50 and .60 seconds, he or she will be made aware of this slower time and told to allow extra following distance to compensate for the deficiency. If the reaction time of the examinee is slower than .60-second, he or she will be referred to appropriate medical personnel to decide if this reaction time is too slow to permit him or her to drive safely.

#### **D-10. Hearing test**

- a. This test determines whether the examinee can hear well enough to drive safely.
- b. A test is required for military personnel with a numerical designator of "3," or "4" under the "H" factor of the physical profile serial. This test is done by referral to appropriate medical personnel to determine if the examinee's hearing is sufficient for safe driving. All personnel are required to have an annual hearing conservation examination conducted by appropriate medical personnel. If the examinee maintains a numerical designator of "1" or "2" under the "H" factor of the physical profile serial, no other hearing tests are required.