

§ 325.75

TABLE 2—DISTANCE CORRECTION FACTORS—
Continued

If the distance between the microphone location point and the microphone target point is	The value dB(A) to be applied to the observed sound level reading is—
58 feet (17.7 m) or more but less than 70 feet (21.3 m)	+1
70 feet (21.3 m) or more but less than 83 feet (25.3 m)	+2

[40 FR 42437, Sept. 12, 1975, as amended at 54 FR 50385, Dec. 6, 1989]

§ 325.75 Ground surface correction factors.¹

(a) *Highway operations.* When measurements are made in accordance with the rules in subpart D of this part upon a test site which is “hard,” a correction factor of 2 dB(A) shall be subtracted from the maximum observed sound level reading generated by the motor vehicle to determine whether the motor vehicle conforms to the Standards for Highway Operations, 40 CFR 202.20.

(b) *Stationary Test.* When measurements are made in accordance with the rules in subpart E of this part upon a test site which is “soft,” a correction factor of 2 dB(A) shall be added to the numerical average of the recorded maximum observed sound level readings generated by the motor vehicle to determine whether the motor vehicle conforms to the Standard for Operation Under Stationary Test, 40 CFR 202.21.

§ 325.77 Computation of open site requirements—nonstandard sites.

(a) If the distance between the microphone location point and the microphone target point is other than 50 feet (15.2 m), the test site must be an open site within a radius from both points which is equal to the distance between the microphone location point and the microphone target point.

¹Table 1, in §325.7 is a tabulation of the maximum allowable sound level readings taking into account both the distance correction factors contained in §325.73 and the ground surface correction factors contained in §325.75.

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(b) Plan view diagrams of non-standard test sites are shown in Figures 3 and 4. Figure 3 illustrates a test site which is larger than a standard test site and is based upon a 60-foot (18.3 m) distance between the microphone location point and the microphone target point. (See §325.79(b)(1) for an example of the application of the correction factor to a sound level reading obtained at such a site.) Figure 4 illustrates a test site which is smaller than a standard test site and is based upon a 35-foot (10.7 m) distance between the microphone location point and the microphone target point. (See §325.79(b)(2) for an example of the application of the correction factor to a sound level reading obtained at such a site.)

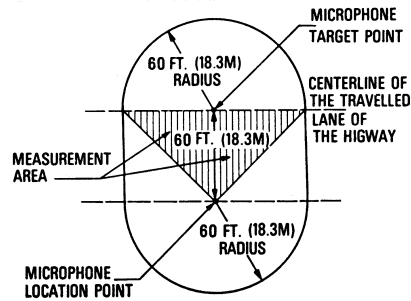


Figure 3
NON-STANDARD TEST SITE;
(60 FT (18.3M) DISTANCE BETWEEN
MICROPHONE LOCATION AND TARGET POINTS)

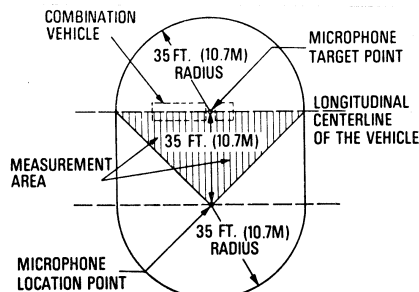


Figure 4
NON-STANDARD TEST SITE;
(35 FT (10.7M) DISTANCE BETWEEN
MICROPHONE LOCATION AND TARGET POINTS)