Delay for Ultrasonic sensor

Transmit + recieve time for 38 ft
is 67.5 Milliseconds

100 MS = 100,000 us = .1 sec

$$\frac{12,500}{8\sqrt{100,000}}$$

$12,500 \div 16 = 781,$ rem. $4 = 4$ LSD
$781 \div 16 = 48$ $13 = D$
$48 \div 16 = 3$ $0 = 0$
$3 \div 16 = 0$ $3 = 3$ MSD

$12,500_{10} = 30D4_{16}$