$$TMR0\_max\_ticks = \frac{Delay}{prescaler} \cdot \frac{Fose}{4}$$

For prescaler 32: 
$$\frac{200 \, \text{m}}{32} \cdot \frac{125 \, \text{k}}{4} = 195.3 \approx 195$$

real delay = 
$$\frac{120|c}{4x32x195}$$
 = 0. [9968]