$$\overrightarrow{V}(0) = 207 \frac{f}{5} \times 42^{\circ}$$

$$\overrightarrow{A}(0) = \begin{pmatrix} 0 \\ -32 \end{pmatrix} + 4 \begin{pmatrix} 0 \\ 5 \end{pmatrix} = \begin{pmatrix} 207 & 60542^{\circ} \\ 237 & 91442^{\circ} \end{pmatrix}^{\frac{1}{5}}$$

$$\overrightarrow{V}(0) = \begin{pmatrix} 0 \\ 3 \end{pmatrix} + 4 \begin{pmatrix} 0 \\ 3 \end{pmatrix}$$

$$\vec{a}(t) = \begin{pmatrix} 0 \\ -32 \end{pmatrix} + \frac{1}{5}$$

$$\vec{c}v = -32$$

$$\vec{c}t =$$

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$$-32t_{2}+7075ih42^{\circ}=0$$

$$-32t_{2}=-7075ih42^{\circ}$$

$$t_{2}=\frac{207}{32}5h42^{\circ}=4.3285ec$$

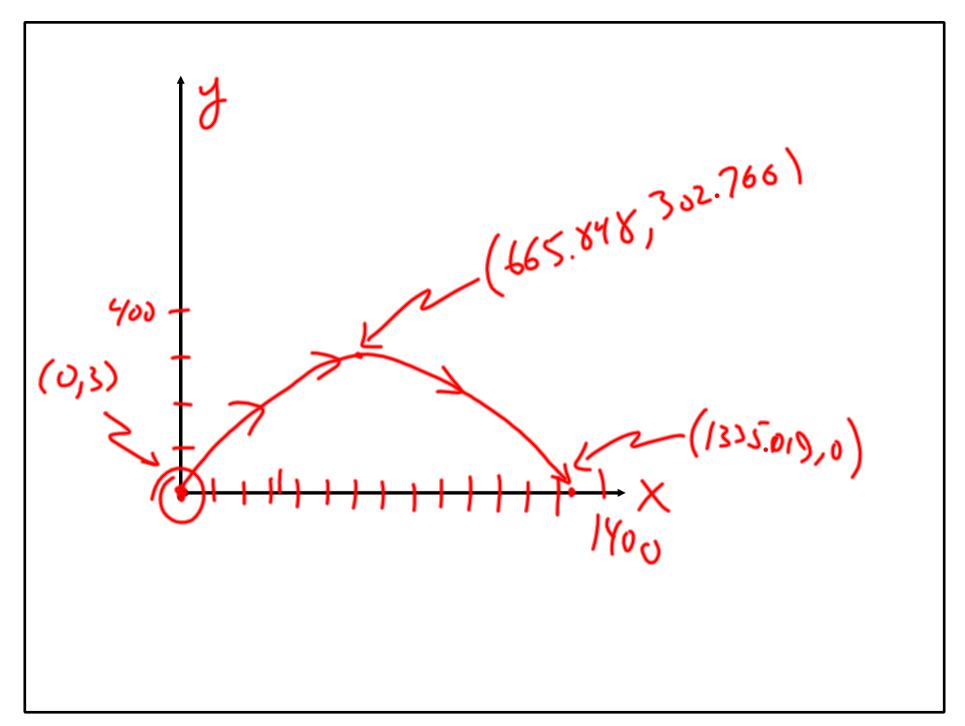
$$ry(t_{2})=302.766 ft$$

$$rx(t_{3})=665.848 ft$$

$$-16t_{R}^{2} + 1075 / 142° t_{R} + 3 = 0$$

$$t_{R} = 8.678 \text{ sec}$$

$$(x(t_{R}) = 1335.019 \text{ F} + 128.678)$$



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