$$2/124 \quad v_{X=50'} = \sqrt{23 \left(\frac{50}{20}\right)^2} = \frac{5}{2} \sqrt{29} \frac{ft}{5nc}$$

$$a_n = \frac{v_n^2}{f}, \text{ where } f = \frac{\left[1 + \left(\frac{62}{4x}\right)^2\right]^{2/2}}{\frac{3^2}{3}/4x^4} = \frac{\left[1 + \left(\frac{7}{200}\right)^2\right]^{\frac{3}{4}}}{\frac{7}{200}}$$

$$f_{X=50'} = 219 \text{ ft}$$

$$a_n = \frac{5}{4} 2(32.2)/219 = 1.838 \text{ ft/sec}^2$$

$$2//25 \quad a_n = \frac{\sqrt{3}}{4} 2(32.2)/219 = \frac{1}{2} \frac{1}{$$

2/125 0, 0%, = \$ 2/0.120 = 133.3 m/s.

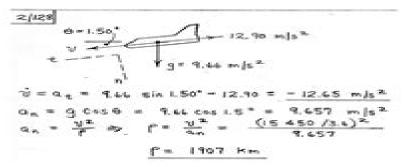
2, -0, 0/n = -133.3 dn + - 1907 m/s.

100 0, 00000, 0, 0, 0, 0, 0 - 9-19070

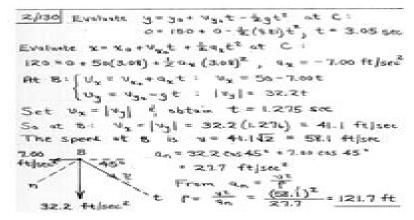
2 = 1907 = 2.10(15-3) s.



Z/127 The time top to opex is found from $y_3 = y_4 - 3t$ is a solution of the second second







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Brian Harper

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