

Answers to Test Ib

1. (b) $t_1 = 2.83$ s, $t_2 = 10.5$ s

(c) $x_T = 105$ m

2. (a) $t_{AC} = 0.577$ s

(b) $\delta = 5.37$ ft

(c) $v_C = 1991$ ft/s

3. A. (b). B. (c). C. (f). D. (f).

4. See text.