HW#6

Read Chapter 5

Consider the minimum-time climb for the SBJ. Calculate the distance, the time, and the fuel to climb to 45,000 ft. Note that the results of Table 4.8 are good up to 35,000 ft. You are just adding the numbers for 40,000 ft and 45,000 ft.

Probs. 5.1, 5.4, 5.5, 5.7

Definitions

1. distance factor
2. equivalent airspeed
3. stall speed
4. nondimensional thrust
5. nondimensional velocity
6. service ceiling