

8/23/00

Notify ER officials	1	0			
Release starts	1	.7 hr			
Release ends	1	1.2 hr			
Evac begins	1	2 hr			
Evac ends	1	3 hr			

$$\frac{\text{wind speed}}{\text{hr}} = \frac{1 \text{ ft}}{\text{sec}} \cdot \frac{1 \text{ mi}}{5280 \text{ ft}} = \frac{1 \text{ mi}}{5280 \text{ sec}}$$

$$\frac{1 \text{ mi}}{5280 \text{ sec}} \cdot \frac{3600 \text{ sec}}{\text{hr}} = 2.3 \frac{\text{miles}}{\text{hr}}$$

$$= \frac{10 \text{ miles}}{4.3 \text{ hr}}$$

At 1 m/sec, it takes plane 4 hours to travel 10 miles.

People are moving at 4 mph.  
 Plane could be moving at 2 mph