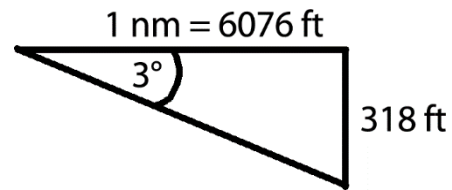


Rule Of Thumb Standard Descent

Descent point:

$$\text{Distance to go [nm]} \approx \frac{\text{Altitude [ft]}}{300 \frac{\text{ft}}{\text{nm}}} = \frac{FL}{3}$$



Rate of descent

$$\text{ROT} \left[\frac{\text{ft}}{\text{min}} \right] \approx \text{GS [kt]} * 5 = \frac{\text{GS [kt]}}{2} * 10$$

$$\text{Speed: } 1 \text{ kt} = 1 \frac{\text{nm}}{\text{h}} = \frac{6076 \text{ ft}}{60 \text{ min}} \approx 100 \frac{\text{ft}}{\text{min}}$$

$$\text{Rate of Descent} \left[\frac{\text{ft}}{\text{min}} \right] = \tan 3^\circ * 100 \frac{\text{ft}}{\text{min}} \approx 5 \frac{\text{ft}}{\text{min}}$$

→ Pro 1kt müssen wir mit 5 ft/min sinken

