



Assume:

$$x = 100 \text{ m}$$

$$\theta = 1^\circ$$

**1. Solving for minimum streamer length 'y' for streamers to cross:**

$$\sin(\theta) = x / y$$

$$y = 100 \text{ m} / \sin(1^\circ) = 5,730 \text{ m}$$

**2. Solving for minimum feather angle 'theta' necessary for potential entanglement:**

Assume:

$$z = 9,650 \text{ m (approx. 6 miles)}$$

$$\tan(\theta) = x / z$$

$$\theta = \arctan(100 \text{ m} / 9,650 \text{ m}) = 0.59^\circ$$

