I. $(-50°, -94 \text{m/s})$, $(-75°, -28.4 \text{m/s})$ $\qquad$ $\boxed{\Theta \leq -50°}$

$$V(\Theta) = -94 + \left(\frac{-28.4 + 94}{-75 + 50}\right) \cdot (\Theta + 50)$$

$$= -94 + \frac{65.6}{-25} \cdot (\Theta + 50)$$

II. $(-40°, -101.5 \text{m/s})$, $(-50°, -94 \text{m/s})$ $\qquad$ $\boxed{-40° \geq \Theta \geq -50°}$

$$V(\Theta) = -101.5 + \left(\frac{-94 + 101.5}{-50 + 40}\right) \cdot (\Theta + 40)$$

$$= -101.5 + \frac{7.5}{-10} \cdot (\Theta + 40)$$

III. $(-15°, -93 \text{m/s})$, $(-40°, -101.5 \text{m/s})$ $\qquad$ $\boxed{-15° \geq \Theta \geq -40°}$

$$V(\Theta) = -93 + \frac{(-101.5 + 93)}{(-40 + 15)} \cdot (\Theta + 15)$$

$$= -93 + \frac{-8.5}{-35} \cdot (\Theta + 15)$$

IV. $\qquad$ $V(\Theta) = -93 \text{m/s}$ $\qquad$ $\Theta \geq -15°$