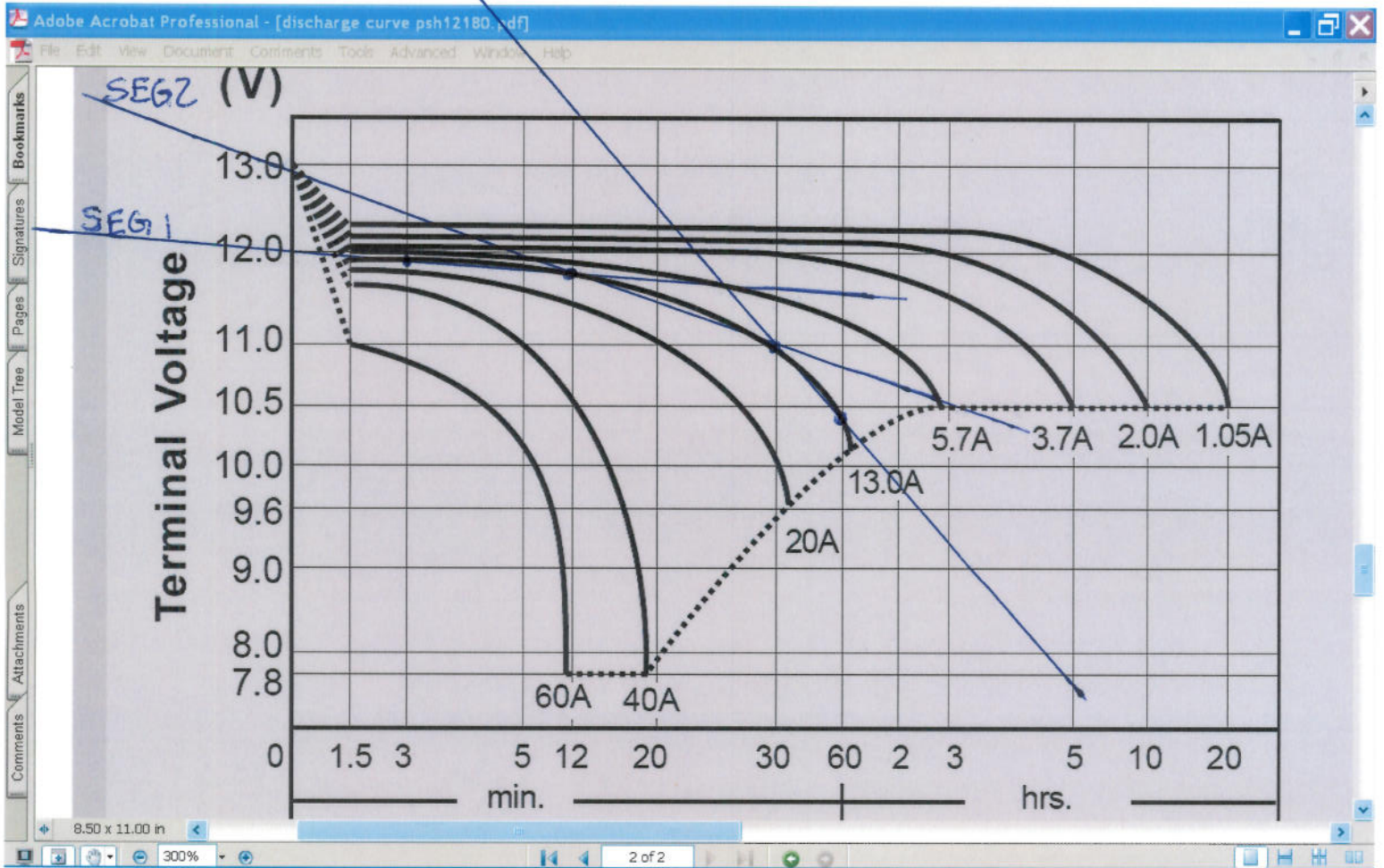


MODEL OF 60 MIN
 PSH12180 DISCHARGE CURVE
 3 STRAIGHT LINE CURVE
 FIT SEGMENTS ($y = mx + b$)



$$SEG1 = \left(-\frac{0.1}{9}\right)t + 11.9 \quad (3-12 \text{ min}) \quad \begin{matrix} \Delta V = 0.1V \\ \Delta t = 9 \text{ min} \end{matrix}$$

$$SEG2 = -\left(\frac{0.8}{18}\right)t + 12.33 \quad (18-30 \text{ min}) \quad \begin{matrix} \Delta V = 0.8 \\ \Delta t = 18 \end{matrix}$$

$$SEG3 = -\left(\frac{0.6}{30}\right)t + 11.66 \quad (30-60 \text{ min}) \quad \begin{matrix} \Delta V = 0.6 \\ \Delta t = 30 \end{matrix}$$