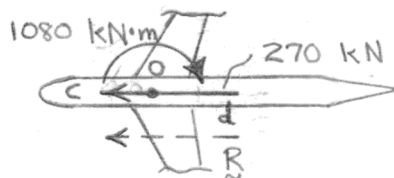


2/93 | Force - Couple system at point O:

$$\begin{cases} R = 3(90) = 270 \text{ kN } (\leftarrow) \\ +2 M_o = 12(90) = 1080 \text{ kN}\cdot\text{m} \end{cases}$$



$$\begin{aligned} d &= \frac{M_o}{R} = \frac{1080}{270} \\ &= \underline{4 \text{ m}} \end{aligned}$$

WILEY