



Vertices of the intersection point ( $C_T$ ,  $C_F$ ):

(20,20)

(40,10)

(40,60)

(50,20)

Cost Equation:

$$C = (((C_F)(\text{delta}_F) + (C_T)(\text{delta}_T) + C_c) * d) + (C_F)(\text{delta}_{Fa})(d_{fa}) + (C_T)(\text{delta}_{Ta})(d_{ta})$$

$$C(20,20) = 18,060.6428$$

$$C(40,10) = 22,427.1313$$

$$C(40,60) = 43,679.7337$$

$$C(50,20) = 31,086.0671$$

$C(20,20)$  is cheapest.

$$\mathbf{C_F = 20}$$

$$\mathbf{C_T = 20}$$