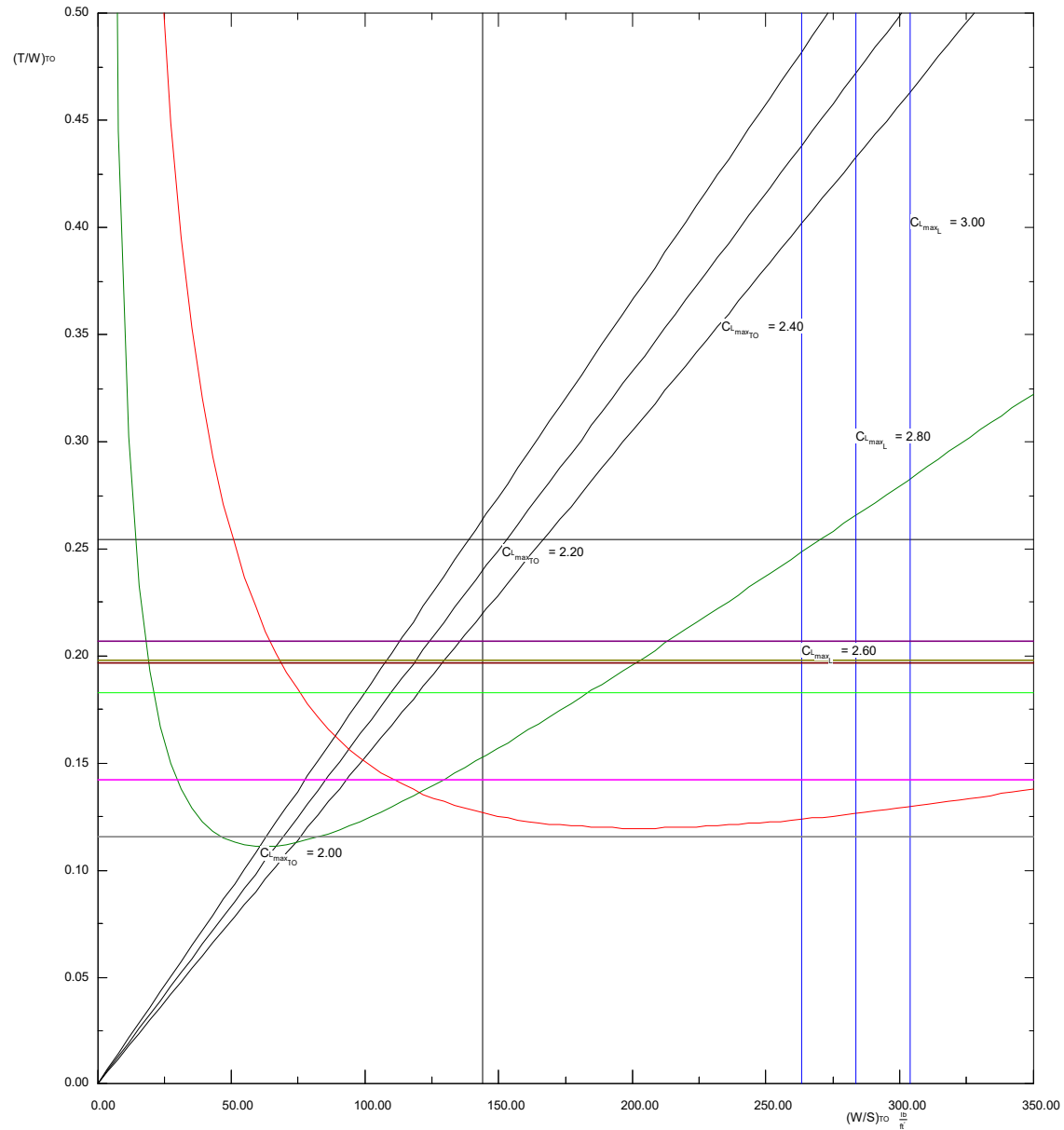


Performance Matching Plot: Flight Condition 1



- Take-off Distance
- $\Delta T_{10} = 0 \text{ deg F}$
- Maximum Cruise Speed
- Sustained g / Turn Rate
- Landing Distance
- $\Delta T_L = 0 \text{ deg F}$
- Climb O.E.I.
- Climb O.E.I., Transition
- Climb O.E.I., Second Seg
- Climb O.E.I., En-Route
- Climb O.E.I., Approach
- Climb A.E.O., Landing

$W_{10} = 503428.8 \text{ lb}$   
 $(W/S)_{10} = 143.87 \frac{\text{lb}}{\text{ft}^2}$   
 $(T/W)_{10} = 0.25$   
 $S_w = 3499.26 \text{ ft}^2$   
 $T_{avail} = 127931 \text{ lb}$