$$C_t = \frac{\frac{P_{tf}}{T_{tf}}}{\left(\frac{P_t}{T_t}-\frac{P_{ti}}{T_{ti}}\right)\left(1-\frac{99}{78}C_{N2}\right)-B_w}\frac{1}{r}\sum_{j=1}^{r} C_{tm(j)}$$ Eq.25C-4