$$\overline{\dot{m}}_{\text{fuel}} = \frac{M_{\text{C}}}{w_{\text{Cmeas}}} \cdot \left(\overline{\dot{n}}_{\text{exh}} \cdot \frac{\overline{x}_{\text{Ccombdry}}}{1 + \overline{x}_{\text{H2Oexhdry}}} - \frac{\overline{\dot{m}}_{\text{CO2DEF}}}{M_{\text{CO2}}} \right)$$

Eq. 1036.535-1