

$$Data = 5.85$$

$$P_{O_2} = 1.4 \rightarrow F_{O_2} = \frac{1.4}{5.85} = 0.239$$

$$F_{He} = \frac{1.4 \times 1.428 + 445 \times 1.251 - 5.2}{5.85 \times 1.072}$$

$$= \frac{2.366}{6.271}$$

$$= 0.377$$

$\therefore$ OC mix is TMX 24/38