

$$D_{ata} = 5.85$$

$$P_{O_2} = 1.5 \rightarrow F_{O_2} = \frac{P_{O_2}}{D_{ata}} = \frac{1.5}{5.85} = 0.256$$

$$F_{He} = \frac{P_{O_2} d_{O_2} + (D_{ata} - P_{O_2}) d_{N_2} - TGD}{D_{ata} (d_{N_2} - d_{He})}$$

$$= \frac{1.5 \times 1.428 + 4.35 \times 1.251 - 5.2}{5.85 \times 1.072}$$

$$= \frac{2.384}{6.271}$$

$$= 0.38$$

$\therefore$ OC-CC bailout mix is **TMX 25/38**