

$$D_{atm} = 7.67$$

$$P_{O_2} = 1.5 \rightarrow F_{O_2} = \frac{1.5}{7.67} = 0.196$$

$$F_{He} = \frac{1.5 * 1.428 + 6.17 * 1.251 - 5.2}{7.67 * 1.072}$$

$$= \frac{4.66}{8.222}$$

$$= 0.567$$

$\therefore$ OC-CC bailout mix is **TMX 19/57**