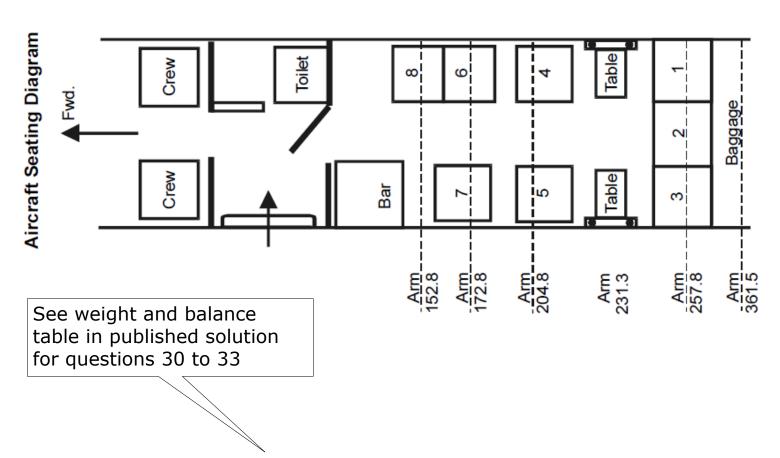
Q35

ATPL Solutions - Effect of Weight Relocation

Change in CG = $\frac{\text{mass moved x distance moved}}{\text{Total weight on landing}} = \frac{250 \text{ x (} 172.8 - 257.8 \text{)}}{15,151}$

= -1.403''



CG on landing = 277.92 - 1.403 = 276.52 = 25.00% MAC