

## ATPL Errata – Flight Operations – Question 4

$$\text{New CG} = \frac{(\text{Original Arm} \times \text{Original Weight}) - (\text{Weight Removed} \times \text{CG of Weight Removed})}{\text{New Total Weight}}$$

$$= \frac{(4750 \times 91.5) - (210 \times 152)}{4750 - 210}$$

$$= \frac{434625 - 31920}{4540}$$

$$= 88.7''$$