Aircraft Weighing Report

Multi-Point Electronic Load Cell Method

Latitude Correction Figure		Weigh Kit Serial No.	

Weighing Position	ELC Serial No.	Indicated Load	ELC Zero	Latitude Correction Load	Calibration Correction	Actual Load
First Weigh						
Nose						
Main Port						
Main Stbd						
				A/C Total	**w =**	
Second Weigh						
Nose						
Main Port						
Main Stbd						
				A/C Total	**w =**	
Third Weigh						
Nose						
Main Port						
Main Stbd						
				A/C Total	**w =**	

Aircraft combined Fwd weight (Mean) = (Wt1)	kg	**Wt1**	
Aircraft Total weight (Mean) = (w)	kg	**w**	
Distance between longitudinal weighing points	mm	**L**	
Distance between Main Jacks to CG Datum	mm	**d**	
As weighed Centre of Gravity from aft weighing point = $\frac{(Wt1) \times (L)}{(w)}$	mm	**a**	
Centre of Gravity from Aircraft datum = (d) - (a)	m	**x**	
Aircraft as weighed moment = (w) x (x)	kg mm	**m**	
Basic weight = (w) plus deficiences, minus surpluses	kg	**BW**	
Basic moment = (m) plus deficiences, minus surpluses	kg mm	**BM**	
Basic Centre of Gravity from Aircraft datum point = $\frac{(BM)}{(BW)}$	m	**X**	
% Mean Aerodynamic Chord (%MAC) =		**% MAC**	