Aircraft Weighing Report

Multi-Point Electronic Cell Method

Latitude Correction Figure		Weigh Kit Serial No.	

Weighing Position	ELC Serial No.	Indicated Load	ELC Zero	Lat Correct Load	Calibration Correction	Actual Load
First Weigh						
Nose Port						
Nose Stbd						
Main Port						
Main Stbd						
				A/C Total	**w =**	
Second Weigh						
Nose Port						
Nose Stbd						
Main Port						
Main Stbd						
				A/C Total	**w =**	
Third Weigh						
Nose Port						
Nose Stbd						
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	m	**L**	
Distance between Main Jacks to CG Datum	m	**d**	
As weighed C of G from centre of main u/c = $\frac{(Wt1) \times (L)}{(w)}$	m	**a**	
As weighed C of G from Aircraft datum point = (d) - (a)	m	**x**	
Aircraft as weighed moment = (w) x (x)	kg m	**m**	
Basic weight = (w) plus deficiences, minus surpluses	kg m	**BW**	
Basic moment = (m) plus deficiences, minus surpluses	kg m	**BM**	
Basic Centre of Gravity from Aircraft datum point = $\frac{(BM)}{(BW)}$	m	**X**	
% Mean Aerodynamic Chord (%MAC) =		**% MAC**	