

Aircraft Weighing Report

Latitude Correction Figure	
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Weighing Position	Serial No.	Indicated Load Reading	Platform Zero	Latitude Correction Load	Calibration Correction	Symbol	Actual Load
Main Centre						W1	
Tail						Wt2	
Total Aircraft Weight as Weighed						W	
Distance from Main Reaction Point to Tail Lifting Point:						L	
Distance from Main Reaction Point to Aircraft Datum Point:						d	
Distance of C of G from Main Reaction Point as Weighed = $\frac{(Wt2) \times (L)}{(W)}$ AIRCRAFT BM(Y) (if required) =						a	
Distance of C of G from: <u> A/C </u> * Datum as Weighed = (d) ± (a)						x	
Aircraft Moment as Weighed = (W) x (x) (+ If C of G Aft of Datum, - If C of G Fwd of Datum)						M	
Basic Weight of Aircraft = W (+ Weight of Items Deficient to Basic State) (- Weight of Items Surplus to Basic State)						BW	
Aircraft Moment in Basic Condition About: <u> A/C </u> * Datum = M (+ Resultant Moment of Items Deficient to Basic State) (- Resultant Moment of Items Surplus to Basic State)						BM	
Distance of C of G from : <u> A/C </u> * Datum in Basic Weight Condition = $\frac{(BM)}{(BW)}$						X	

* Insert Correct Datum from Aircraft Manual