

Aircraft Weighing Report

Multi-Point Weighing

Weighing Position	Serial No.	Indicated Load Reading	Lat Corr. Fig	Lat Corr. Load	Cal Correction	Symbol	Actual Load
Port						W1	
Stbd						W2	
Nose						Wt1	
Tail						Wt2	
Total Aircraft Weight as Weighed						W	
Distance from Main Reaction point to:		Nose Front Jacking Point		Tail Rear Lifting Point		L	FWD/AFT (Del. As req'd)
Distance from Main Reaction Point to _____ * Datum Point:						d	Fwd/Aft (Delete As req'd)
Distance of C of G from Main Reaction Point as Weighed =					$\frac{(Wt1 \text{ or } Wt2) \times (L)}{(W)}$	a	Fwd/Aft (Delete As req'd)
Distance of C of G from _____ * Datum as Weighed = (d) + or - (a)						x	Fwd/Aft (Delete As req'd)
Aircraft Moment as Weighed = (W) x (x) (+ If C of G Aft of Datum, - If C of G Fwd of Datum)						M	Fwd/Aft (Delete As req'd)
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 _____ * 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 _____ * Datum in Basic Weigh Condition =					$\frac{(BM)}{(BW)}$	X	
						%MAC	

* Insert Correct Datum from Aircraft Manual