	W [kg]	Arm [m]	Moment (M) = W * Arm [kg*m]	
Empty weight				
LOADING				
Pilot		1.8		
Co-pilot		1.8		
Baggage		2.26		
Usable fuel Fuel (liters)*p <sub>fuel</sub> (0.72) [kg]		1.53		
TAKE-OFF CONDITION				
Take-off condition <b>W</b> <sub>TO</sub> = ∑ W		Мто = ∑ М		
LANDING CONDITION				
Fuel required Fuel (liters)*p <sub>fuel</sub> (0.72) [kg]		1.53		
Landing condition W <sub>L</sub> = W <sub>TO</sub> - W <sub>fuel_req</sub>		ML= MTO-Mfuel_req		

Table 6-1 -Weight and C.G.- Form

Table 6-2 -Weight and C.G.- Example

	W [kg]	Arm [m]	Moment (M) = W * Arm [kg*m]	
Empty weight	350	1.66	581	
LOADING				
Pilot	80	1.8	144	
Co-pilot	65	1.8	117	
Baggage	10	2.26	22.6	
Usable fuel Fuel (liters)*p <sub>fuel</sub> (0.72) [kg]	(80 litres) 57.6	1.53	88.1	
TAKE-OFF CONDITION				
<i>Take-off condition</i> <b>W</b> <sub>TO</sub> = ∑ W	562.6	Мто = ∑ М	952.7	
LANDING CONDITION				
Fuel required Fuel (liters)*p <sub>fuel</sub> (0.72) [kg]	28.8	1.53	44.1	
Landing condition $W_L = W_{TO} - W_{fuel_{req}}$	533.8	ML= MTO-Mfuel_req	908.6	

3<sup>rd</sup> Edition, Rev 15