	Meter	Inches
Pilot and PAX	1.800	70.90
FUEL	2.209	86.97
BAGGAGE	2.417	95.16

To compute weight and balance:

1. Get moments from loading charts
2. Obtain the empty weight and moment from the most recent weight and balance
3. Insert the weights and the moments for fuel, occupants and baggage from the previous chart
4. Sum the weight and the moment columns
5. Divide the total moment by the total weight to get the arm
6. Check that the total weight does not exceed maximum gross weight
7. Check that the arm falls within the C.G. range

CoG Position Computation Chart			
	Weight (kg)	**Arm (m)***	**Moment (kg*m)**
EmptyWeight	426.5	784.7	143.14
Fuel	64.8	2.209	225.00
Pilot&Passenger	125.00	1.800	12.08
Baggage	5.00	2.417	1164.93
Total **MOMENT**			
Total **WEIGHT**	1.841		
Distance “D”=**MOMENT/WEIGHT**			

* - ADD to the distance “D” the value 1.566m (62in)

C.G.Range	**Max FWD**	**Max AFT**
Meters	1.841	1.978
Max Weight	**Pounds**	**Kilograms**
	1433.00	650.00

Date:	1.875	Aircraft Reg.:	
	Departure	Arrival	Alternate
Airfield:	621.30	1214	650.00
	Airfield Data		
RWY QFU:	5L	45L	28/07/2025
Elevation (ft):	CS-ECC		
QNH (hPa):			158º/338º
Temperature (ºC):	LPCB		
Wind (º / kts):			
Pressure Alt. (ft):		026º/5	
Density Alt. (ft):		15min	
	Aircraft Performance Data		
TODA (m)		2h15min	
TODR (m)		2h15min	
LDA (m)	1167	20L	1015
LDR (m)	35	90L	
ROC (ft/min)		60min	

Fuel Planning	Time	Fuel
(1) Start-up and Taxi:		585
(2) Climb:		
(3) Enroute:		
(4) Descent:		
(5) Trip Fuel (2 + 3 + 4):		434
(6) Contingency 5% (5)		
(7) Alternate:		
(8) Reserve 45 min.:		1460
(9) Required Ramp Fuel (1 + 5 + 6 + 7 + 8):		565
(10) Extra		1520/1460
(11) Total Ramp Fuel (9 + 10):		3847