

# Edinburgh Flying Club

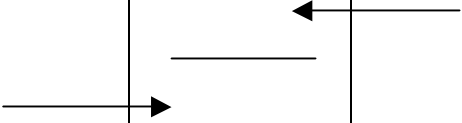

## Load Sheet for Cessna F172H G-BMCI

**Full usable fuel = 143 litres (31.6 Imp Galls)**

**To calculate actual weight of fuel in aircraft:**

Calculate the fuel used since the aircraft was last refuelled by multiplying elapsed tacho time since last refuelling by a typical fuel burn of 30 litres per tacho hour. Subtract this quantity from the full usable fuel figure above.

1 imperial gallon = 1.2 US gallons = 4.54 litres, **all of which weigh 7.2 lbs**

<b>G-BMCI</b>	<b>Empty weight (lbs)</b>	<b>Arm (ins)</b>	<b>Moment (wt x arm)</b>
<b>Aircraft basic empty weight</b>	<b>1454</b>	<b>35.19</b>	<b>51,174.5</b>
Fuel load		48	
Pilot seat		36	
Front seat 2		36	
Rear seat 1		70	
Rear seat 2		70	
Baggage (max 120 lbs)		95	
	<b>Total weight (sum of above)</b>	<b>Lever arm (total moment ÷ total weight)</b>	<b>Total moment (sum of above)</b>
<b>Totals</b>			
<b>Permissible limits</b>	<b>Max weight 2300 lbs</b>	 <b>(see graph)</b>	
Declaration: <b><u>Aircraft is within weight and balance limitations</u></b>			
Signed: _____ (Aircraft Commander) Date: _____			