

**WEIGHT & BALANCE      G-GBVX**

**WEIGHT**

Maximum Take-Off Weight      1940 lbs  
Certified Zero Fuel Weight      1253 lbs  
Load Available (Fuel & Pax)      687 lbs

Maximum Usable Fuel Load      22 Gal   or   100 Litre

Calculate Fuel Weight at      7 lbs/Gal   or   1.55 lbs/Ltr  
Calculate Pax Weight at      Stone = 14 lbs etc

**BALANCE**

Certified Aircraft C of G = 14.6 inches      Lever Arm for Front Seats = 16.2 inches  
Lever Arm for Baggage = 75 inches      Lever Arm for Rear Seats = 47 inches  
Lever Arm for Fuel = 44.2 inches

<b>Item</b>	<b>Weight(lbs)</b>	<b>x</b>	<b>Lever(inches)</b>	<b>=</b>	<b>Moment(lb/in)</b>
Aircraft	1253		14.6		18294
Front Pax	.....		16.2		.....
Rear Pax	.....		47		.....
Fuel	.....		44.2		.....
Baggage	.....		75		.....
<b>Total.....</b>					<b>Total.....</b>

Calculate: Total Moment divided by Total Weight = Actual Lever

ENTER CHART OVERLEAF With      TOTAL WEIGHT.....LBS

ACTUAL LEVER.....INS

