

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

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

Calculate: Total Moment divided by Total Weight = Actual Lever

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

ACTUAL LEVER.....INS

