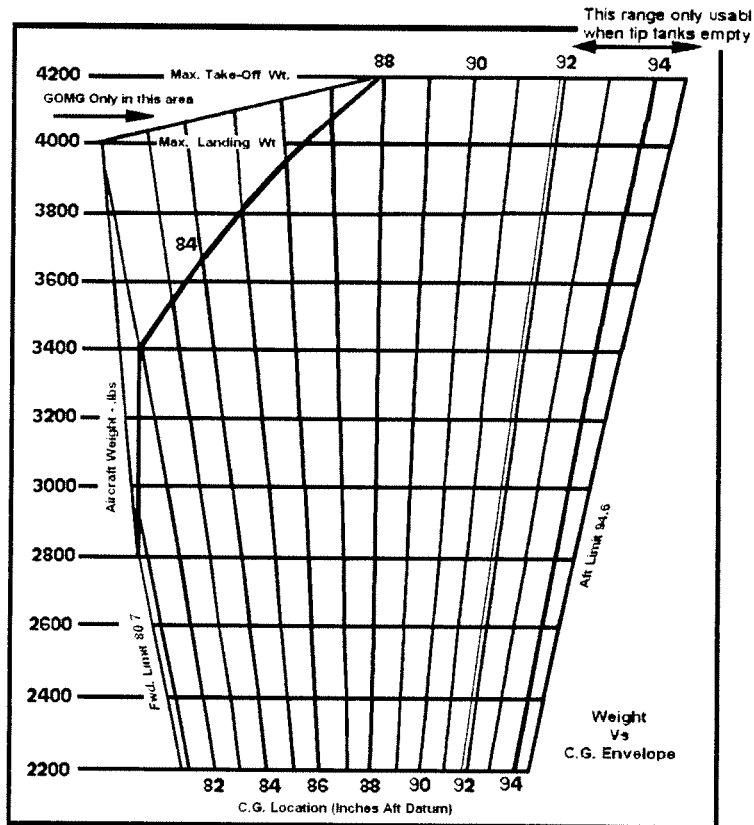


## WEIGHT AND BALANCE PA34-200 SENECA

ITEM	WEIGHT (LBS)	ARM (IN. AFT)	MOMENT (IN LBS)
Standard Empty Weight			
Quarts ____ (16 quarts max) <i>Weight: 1.875 lbs/quart</i>		49.0	
Unusable Fuel (5 gal)	30	103.0	3090
Pilot and Front Passenger		85.5	
Passengers (Centre Seats)		118.1	
Passengers (Rear Seats)		155.7	
Baggage (Forward 100 lbs max)		22.5	
Baggage (Aft 100lbs max)		178.7	
Zero fuel weight (4000 lbs max)			
Total Fuel (mains 93 total) (tips 34 total) (Gals _____ x 6 lbs)		93.6	
Fuel for start, taxi & run up (2.5 gals)	-15	93.6	-1404
Take off Weight (4200 The max)			
Trip fuel burn (Gals _____ x 6 lbs)		93.8	
Totals at Landing (4000 lbs max)			

Air time flown to get Landing Weight =

FUEL PLANNING	LEG 1	LEG 2	LEG 3
Taxi run up			
<b>Climb</b>			
En Route			
Alternate			
Res (45 min)			
Total gals			
Wt (gal x 6)			



### ACTUAL WEIGHTS SHOULD BE USED

#### STANDARD PASSENGER WEIGHTS

Summer (Mar 15 - Dec 14)		Winter (Dec 15 - Mar 14)
200 lbs	Males (>12 yrs)	206 lbs
165 lbs	Females (>12 yrs)	171 lbs
75 lbs	Child (2-11 yrs)	75 lbs
30 lbs	* Child (<2 yrs)	30 lbs
* Add in where child exceeds		
Reduce wt by 13 lbs if no carry on baggage for male/female		

Note: Check AIM, POH, and Weight and Balance Documents for currency

