

PA-38 Load Sheet

All speeds in knots IAS

Rotate 60
 Normal climb 70
 Best rate of climb 70
 Best angle of climb 61

Base leg 70
 Flapless 75
 Final – powered with flap 70
 Shortfield – full flap 65
 Best glide 70

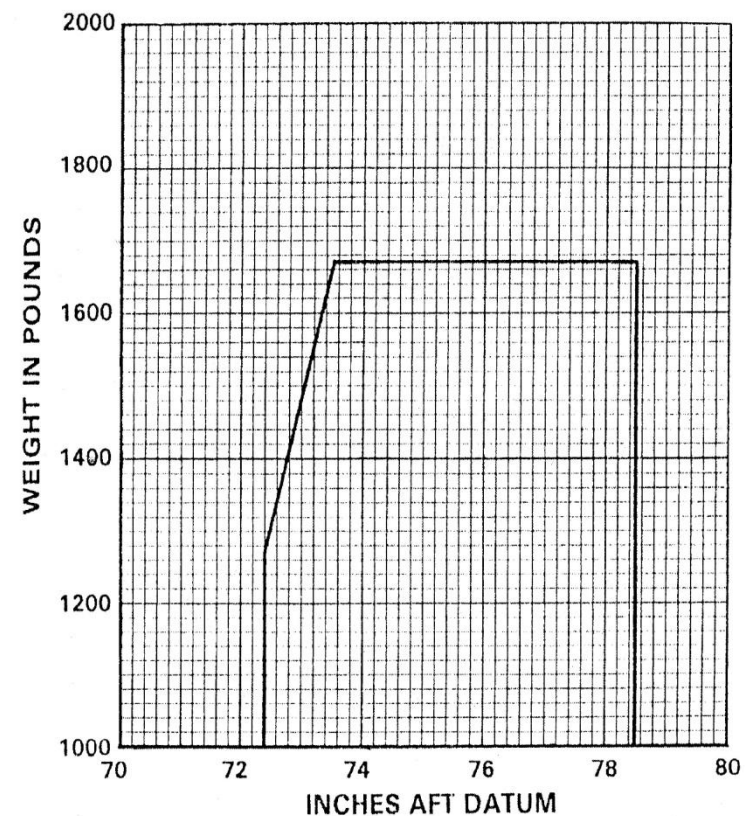
VNE 138
 VNO 110
 VFE 89
 VA (at 1670 Lbs) 103
 VA (at 1277 Lbs) 90
 VS1 (stall flaps up) 52
 VS0 (stall full flap) 49

Crosswind limit 15
 Max baggage 100 Lbs
 Max RPM 2600
 Max useable fuel 113 Ltr
 Cruise fuel consumption 21 Ltr/Hour
 Max Weight 1670 Lbs

Note: this aircraft will not achieve book performance. Therefore add 5% to calculated take-off distance and subtract 40ft/min from rate of climb.

Reservation number	Date	Registration	Prepared by	Signature

Station	Load item	Mass (Lbs)	Arm (inches)	Moment (inches)
	Dry operating mass	1218.6	73.9	
	Pilot (left seat)		85.5	
	Passenger (right front)		85.5	
	Baggage Max 100 Lbs		115.0	
	Fuel (1.59 Lbs/Ltr) Max 180 Lbs		75.4	
	Take off Max 1670 Lbs			
	Fuel burn			
	Landing Max 1670 Lbs			



Commander's Certification	
I certify that this aircraft has been loaded as shown and in accordance with the provisions of Part A Section 8, and the Airframe Specific Supplement of the Company Operation Manual	
Name	Date
Signature	