

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 1670Lbs) 103

VA (at 1277Lbs) 90

VS1 (Stall Flaps UP) 52

VS2 (Stall FULL Flaps) 49

Crosswind limit 15

Max Baggage 100Lbs

Max RPM 2600

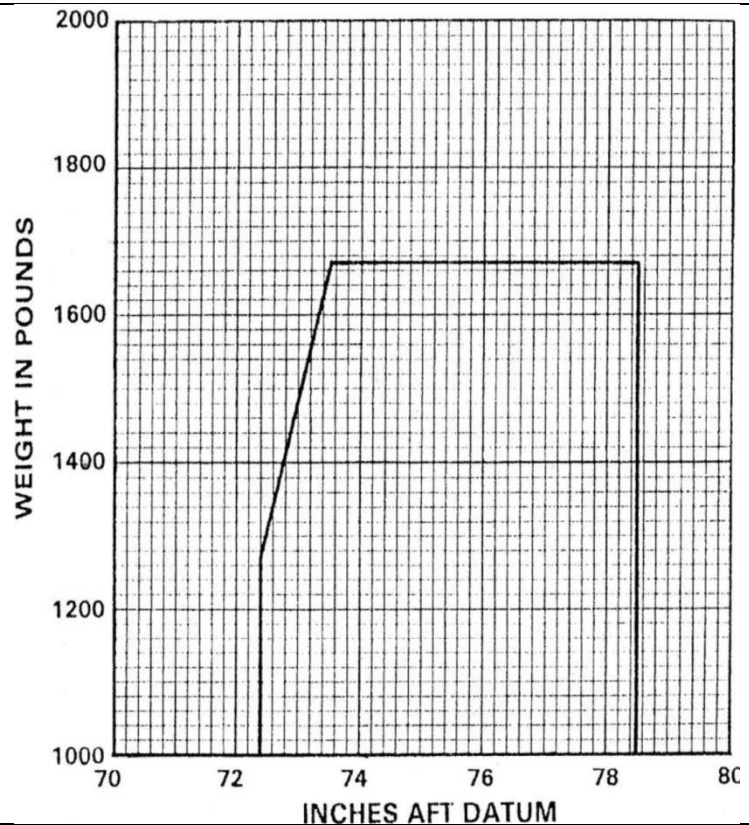
Max Useable Fuel 113Ltr

Cruise Fuel Consumption 21L/Hr

Max Weight 1670Lbs

Note:

This aircraft will not achieve book performance. Therefore add 5% to calculated T/O distance and subtract 40ft/min from rate of climb



Station	Load Item	Mass (Lbs)	Arm (inches)	Moment (inches)
	Dry Operating mass	1177	74.5	87686.5
	'HG'	1273	75.49	96098.77
	Pilot: Left seat		85.5	
	Passenger: Front Right		85.5	
	Baggage	Max 100Lbs	115.0	
	Fuel (1.59Lbs/Ltr)	Max 180Lbs	75.4	
	Take Off	Max 1670Lbs		
	Fuel Burn		75.4	
	Landing	Max 1670Lbs		

Commanders 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 Operations Manual

Date

Name

Signature