

# Pa 28 Load Sheet

All Speeds in knots IAS

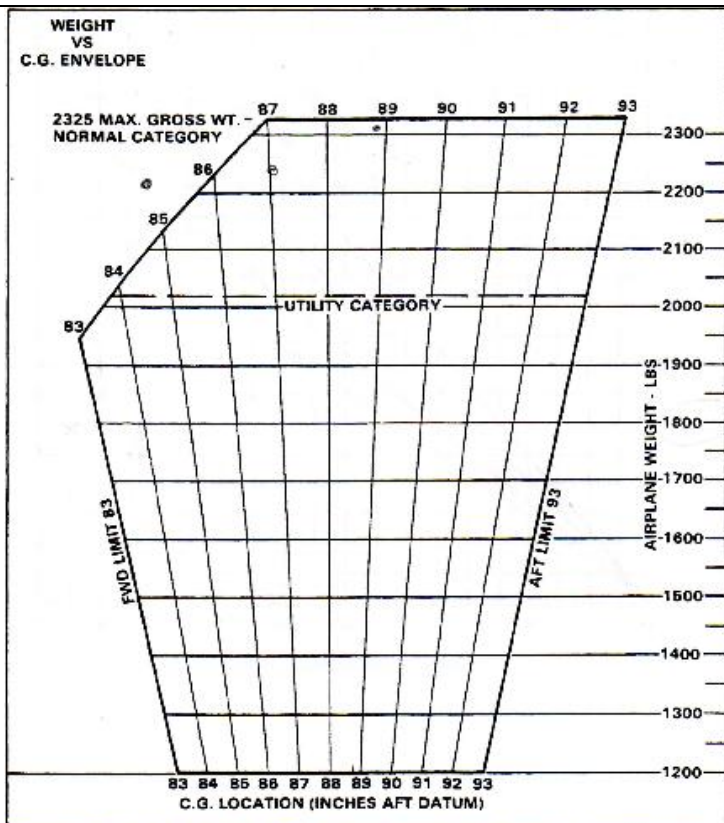
Rotate 60  
 Normal Climb 70  
 Best Rate of Climb 79  
 Best Angle of Climb 63

Base Leg 75  
 Flapless 75  
 Final – powered with flap 70  
 Shortfield – Full Flap 65  
 Best Glide 70

VNE 160  
 VNO 126  
 VFE 103  
 VA (at 2325Lbs) 111  
 VA (at 1531Lbs) 88  
 VS1 (Stall Flaps UP) 52  
 VS2 (Stall FULL Flaps) 49

**Crosswind limit 17**  
**Max Baggage 200Lbs**  
**Max RPM 2700**  
**Max Useable Fuel 182Ltr**  
**Cruise Fuel Consumption 32L/Hr**  
**Max Weight 2325Lbs**

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



Station	Load Item	Mass (Lbs)	Arm (inches)	Moment (inches)
	Dry Operating mass	1570	85.73	134596.1
	Pilot: Left seat		80.5	
	Passenger: Front Right		80.5	
	Passenger: Rear Right		118.1	
	Passenger: Rear Left		118.1	
	Baggage	Max 200Lbs	142.8	
	Fuel (1.59Lbs/Ltr)	Max 290Lbs	95.0	
	Take Off	Max 2325Lbs		
	Fuel Burn		95.0	
	Landing	Max 2325Lbs		

### 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