



# PA44 Preflight Sheet

## WEIGHT AND BALANCE

ITEM	(MAX)	WEIGHT	ARM	MOMENT
<b>B.E.W.</b>				
Pilot and Passenger			80.5	
Rear Passenger(s)			118.1	
Baggage Area (200 lbs)			142.8	
<b>Zero Fuel Weight</b>				
Ramp Fuel (648 lbs)			95.0	
Ramp Wt. (3816 lbs)				
Taxi Fuel		-16.0	95.0	-1520
<b>G. T. W. (3800 lbs)</b>				
Trip Fuel			95.0	
<b>G.L.W.</b>				

Z.F.W. CG \_\_\_\_\_ G.T.W. CG \_\_\_\_\_ G.L.W. CG \_\_\_\_\_

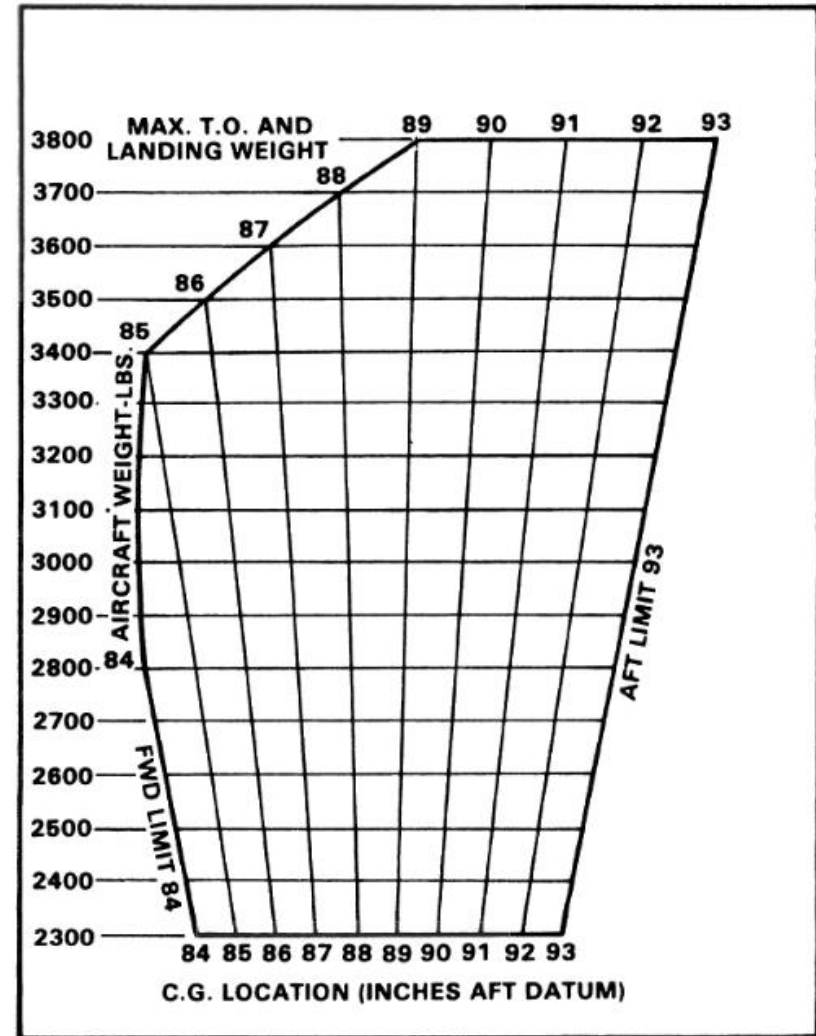
V<sub>A</sub> \_\_\_\_\_ (135 kts. @ 3800 lbs. to 112 kts. @2700lbs.)  
 -2.09 kts./100 lbs.

### TAKEOFF DATA

Ground Roll \_\_\_\_\_ ft.  
 Dist. Over 50' Obstacle \_\_\_\_\_ ft.  
 V<sub>R</sub> \_\_\_\_\_ KIAS  
 V<sub>X</sub> \_\_\_\_\_ KIAS  
 V<sub>Y</sub> \_\_\_\_\_ KIAS  
 Accelerate-Stop Distance \_\_\_\_\_ ft.  
 Accelerate-Go Distance \_\_\_\_\_ ft.

### LANDING DATA

Ground Roll \_\_\_\_\_ ft.  
 Dist. Over 50' Obstacle \_\_\_\_\_ ft.  
 Approach Speed \_\_\_\_\_ KIAS



	<b>727LF</b>
<b>B.E.W.</b>	2556.96
<b>Moment</b>	221632.59

## PREFLIGHT ITEMS

- Pilot Cert / Gov Photo ID / Medical
- Endorsements (Solo Students)
- Solo Activity Sheet (Solo Students)
- Aircraft Documents (SPARROW)
- Maintenance Inspections (AVIATES)
- Aircraft Checklist
- Weather Briefing

## CREW BRIEFING

- Airport Diagram (Hotspots)
- ATIS / AWOS / ASOS / FSS

- Runways in use
- Crosswind Component  
Headwind \_\_\_\_ kts / Tailwind \_\_\_\_ kts
- Takeoff / Accelerate-Stop Distance
- Departure / Taxi Clearance:

- $V_A$
- Who is P-I-C / Acting P-I-C?
- Positive Exchange of Flight Controls
- Sterile Cockpit
- **Safe Attitude**

## PASSENGER BRIEFING

- Seatbelts
- Air Vents
- Fire Extinguisher
- Exit Use
- Survival Kit / Flotation Gear
- Traffic Watch

## PRE-TAKEOFF BRIEFING

- Runway Available / Runway Required
- Obstacles on Departure
- Wake Turbulence
- Windssock / Crosswind Control Position

## EMERGENCY PLAN OF ACTION

Engine Failure or System Malfunction:

- A) Prior to rotation.
- B) After rotation, runway remaining.
- C) After rotation, no runway remaining or gear in transit.

$V_1$  \_\_\_\_\_ KIAS  
 $V_{YSE}$  \_\_\_\_\_ KIAS