



PA-28 Load Sheet

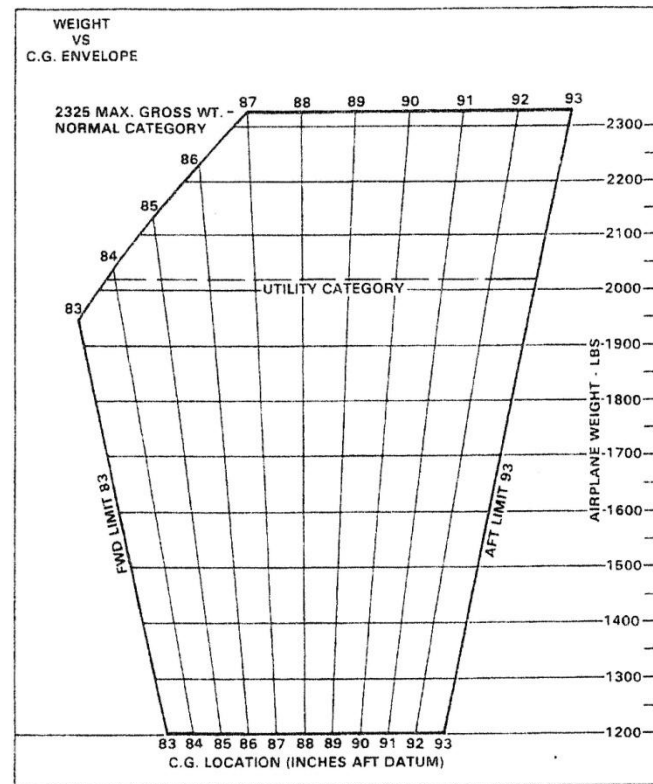
All speeds in knots IAS

| | |
|---------------------------|-------------|
| 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 2325 Lbs) | 111 |
| VA (at 1531 Lbs) | 88 |
| VS1 (stall flaps up) | 52 |
| VS0 (stall full flap) | 49 |
| | |
| Crosswind limit | 17 |
| Max baggage | 200 Lbs |
| Max RPM | 2700 |
| Max useable fuel | 182 Ltr |
| Cruise fuel consumption | 32 Ltr/Hour |
| Max Weight | 2325 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 | | 1564 | 87.82 | 137350.82 |
| Pilot (left seat) | | | 80.5 | |
| Passenger (right front) | | | 80.5 | |
| Passenger (left rear) | | | 118.1 | |
| Passenger (right rear) | | | 118.1 | |
| Baggage | Max 200 Lbs | | 142.8 | |
| Fuel (1.59 Lbs/Ltr) | Max 290 Lbs | | 95.0 | |
| Take off | Max 2325 Lbs | | | |
| Fuel burn | | | | |
| Landing | Max 2325 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 | |