

PIPER PA44 SEMINOLE VITAL SPEC. SHEET

Weights:

Max ramp weight: 3816 lbs
 Max T/O weight: 3800 lbs
 MLW: 3800 lbs

Fuel capacity:

Total : 110 USG
 Useable : 108 USG

Oil:

Capacity : 6 Quarts
 Minimum : 2 Quarts

Speeds for safe operation:

| | | | |
|-------------------|--|--------------------|---------|
| V _A : | 135 KIAS at 3800 lbs 112 KIAS at 2700 lbs | V _{MCA} : | 56 KIAS |
| V _{FE} : | 111 KIAS | V _{SSE} : | 82 KIAS |
| V _{LE} : | 140 KIAS | V _{so} : | 55 KIAS |
| V _{LO} : | 140 KIAS extension 109 KIAS retraction | V _{s1} : | 57 KIAS |
| V _{NO} : | 169 KIAS | V _{XSE} : | 82 KIAS |
| V _{NE} : | 202 KIAS | V _{YSE} : | 88 KIAS |

Max demonstrated cross-wind speed – 17 KIAS

Oil pressure range and limits:

| | | |
|---|---------------|---------------|
| Yellow arc : | Green arc : | Red line : |
| 15 to 60 psi (idle) | 15 to 115 psi | 15 psi (min) |
| 90 to 115 psi (Warm Up, Taxi and Take Off) | | 115 psi (max) |

Oil temperature range and limits:

| | |
|--------------|--------------|
| Green arc : | Red radial : |
| 75 to 245 °F | 245 °F |

Electrical system: 14 V, output per alternator: 60 Amps

Tire pressures:

Nose wheel : 50 psi Main wheels: 55 psi