Piper PA-28 Warrior III Model Guide

The Piper PA-28 Warrior III is a four-seat, single-engine piston aircraft. The library record gives a first year of 1995 and no end year. Training checklists describe a carburetted engine, a PFD/HSI display, a 2440 lb maximum weight and a normal cruise of 100 KIAS. These figures come from school checklists, so confirm them against the POH.

KEY TAKEAWAYS

- Four seats. Maximum weight is 2440 lb, maximum ramp weight 2447 lb and the baggage limit 200 lb, so check payload against these limits.
- Normal cruise is 100 KIAS. Best rate of climb is 79 KIAS (Vy) and best glide is 73 KIAS at 2325 lb.
- Stall speed is 50 KIAS clean and 44 KIAS with flaps 40. Never-exceed speed (Vne) is 160 KIAS.
- Routine checks include carburettor heat, magneto drop (max 175 RPM, max difference 50) and draining the fuel sumps.

WEIGHTS AND LOADING

The Piper PA-28 Warrior III checklist lists a maximum weight of 2440 lb, a maximum ramp weight of 2447 lb and a maximum baggage weight of 200 lb. Two club aircraft show basic empty weights of 1570.2 lb and 1538.4 lb, so empty weights differ between airframes. Ask for the actual weight-and-balance data of the aircraft you are buying.

SPEEDS TO KNOW

Vx is 63 KIAS and Vy is 79 KIAS. Vfe is 103 KIAS, Vno is 126 KIAS and Vne is 160 KIAS. Stall speed is 50 KIAS clean and 44 KIAS in landing configuration. Normal circuit speed is 90 KIAS. Approach speeds are 63 KIAS with flaps 40, 70 KIAS with flaps 25 and 75 KIAS with flaps 0.

WHAT TO CHECK ON INSPECTION

Checklists call for oil at 6-8 quarts, main gear strut inflation of 4.50 in and nose strut inflation of 3.25 in. They also call for alternator belt tension, tyres and brake discs, fuel sumps drained for water and sediment, a carburettor heat check, a magneto drop within limits and a carbon monoxide detector test. Standby alternator checks apply where fitted.

SPECIFICATIONS

Seats Max	4
First Year	1995
Max Ramp Weight Lbs	2447
Max Weight Lbs	2440
Max Baggage Weight Lbs	200

PERFORMANCE

Cruise Speed Kts	100
Enroute Climb Speed Kts	87
Circuit Speed Kts	90
Max Demonstrated Crosswind Kts	17

V-SPEEDS

Vx Kts	63
Vy Kts	79
Vfe Kts	103
Vno Kts	126
Vne Kts	160
Vs1 Kts	50
Vso Kts	44
Best Glide Kts	73

WEIGHT & BALANCE

Max Ramp Weight Lbs	2447
Max Weight Lbs	2440
Max Baggage Weight Lbs	200
Example Aircraft A Empty Weight Lbs	1570.2
Example Aircraft B Empty Weight Lbs	1538.4

SAFETY NOTES

- Maximum demonstrated crosswind component is 17 kts.
- Engine power loss: hold 73 KIAS, switch tank, fuel pump on, mixture rich and carburettor heat on. If power is not restored, make a power-off landing.
- The checklists say the POH remains the authoritative document. Use them as a guide only.

AI-aggregated guide for the Piper PA-28 Warrior III · sources: Piper Warrior Flight Maneuvers (#9833) · Piper PA-28-161 Warrior III Checklist (#10287) · PA28-161 CHECKLIST BASAIR AUSTRALIA PTY LTD PIPER CHEROKEE WARRIOR III (#10292) · generated 2026-10-18 · Reference only, not for flight. Check the original documents before relying on this guide.