CURTISS P-40N KITTYHAWK Model Guide

The CURTISS P-40N KITTYHAWK was the final production P-40 model, built 1943-44. It is a single-seat, single-engine piston fighter with a stretched rear fuselage to counter engine torque. The one source is a promotional web page quoting a manual listing, so check figures against the original manual.

KEY TAKEAWAYS

- Final production P-40, built 1943-44; single crew, Allison V-1710-81 of 1,200 hp (late P-40N-40: V-1710-115, 1,360 hp).
- Max gross takeoff weight 8,860 lb; empty 6,405 lb; loaded 7,730 lb.
- Quoted max speed 378 mph (light version), cruise 280 mph, range 745 mi, ceiling 31,000 ft, climb 2,240 ft/min.
- Sub-variants differ widely, so confirm exactly which P-40N configuration you are looking at.

WHAT IT IS

The P-40N has a stretched rear fuselage to counter the torque of the larger, late-war Allison engine. The rear cockpit deck behind the pilot was cut down to improve rear visibility. Weight was trimmed to improve climb. Some later production reintroduced parts after complaints from units on the ground.

PERFORMANCE AS QUOTED

Max speed is listed at 378 mph at 16,400 ft, for the light version. Cruise is 280 mph and range 745 mi. Service ceiling is 31,000 ft and climb 2,240 ft/min. Family-level registry data shows up to 1,200 nm range and 271 kt cruise across the P-40 family, not this exact variant.

VARIANTS AND SURVIVORS

P-40N sub-variants ranged from stripped-down four-cannon hot rods to overweight fighter-bomber and training types. Some two-seat TP-40N trainers exist. Airworthy and restoration P-40Ns are listed in Australia, New Zealand, France, Canada and the USA.

SPECIFICATIONS

Empty Weight Lbs	6405
Loaded Weight Lbs	7730
Max Takeoff Weight Lbs	8860
Engine Power Hp	1200
Late Series Engine Power Hp	1360

PERFORMANCE

Service Ceiling Ft	31000
Climb Rate Fpm	2240

SAFETY NOTES

- Source text is machine-translated and partly garbled (for example the P-40N length). Verify dimensions and limits against the original flight manual.
- Heavier fighter-bomber and training sub-variants behave differently from light ones. Confirm the airframe's configuration and weight.
- The document lists no V-speeds or weight-and-balance limits. Get these from the manual for the specific airframe before flying.

AI-aggregated guide for the CURTISS P-40N KITTYHAWK · sources: P-40 warhawk pilot's flight operating manual (#101402) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.