

CESSNA 206 TURBINE Model Guide

The CESSNA 206 TURBINE is listed in this data as a single-engine piston aircraft. It has a 310 hp Teledyne Continental IO 550N driving a Hartzell 3-blade controllable pitch propeller. Listed figures are a 3744 lb max takeoff weight, 92 gal of fuel and a 149 kt cruise. It belongs to the Cessna 206 family (206, 206H, P206, T206H, TP206, TU206, U206), which carries up to 6 people. Confirm the actual engine installation before buying.

KEY TAKEAWAYS

- Listed figures: 310 hp, 3744 lb max takeoff weight, 92 gal fuel, 149 kt cruise, 182 kt max speed, 550 fpm climb.
- Weight limits: 3755 lb ramp, 3744 lb takeoff, 3600 lb landing. Baggage allowance is 100 lb.
- The listing says piston, but the 206 family includes turbocharged models. Check the engine and turbo setup against the logbooks.
- Check the Cessna 206 series airworthiness directive schedule against the serial number before buying.

WEIGHTS, BALANCE AND SPEEDS

Stall speed is 61 kt clean and 54 kt in landing configuration, and Vso is 47 kt. Best glide is 83 kt. Vfe is 100, Vno 149 and Vne 182. The CG range is (+42.1) to (+47.4) inches at 3744 lbs. Load the baggage within its 100 lb allowance.

WHAT TO INSPECT

The NZ airworthiness directive schedule for the Cessna 206 series lists items on fuel lines, the exhaust system, turbocharger installation, the fuel selector valve and flexible fuel tanks. The Model 206/T206 maintenance manual sets inspection intervals and includes a Progressive Care program. Ask for proof of compliance.

TURBO AND FLOAT CONSIDERATIONS

The turbo training syllabus covers TIT limits, the waste gate, compressor failure and the oxygen system. Mixture response to a turbo failure differs from normally aspirated aircraft. A floatplane supplement under an STC for Aerocet 3400 amphibious floats lists TU206A-G and other 206 models. It must be carried in the airplane.

SPECIFICATIONS

Engine Hp	310
Length Ft	28.3
Wingspan Ft	36.1
Height Ft	9.4
Fuel Capacity Gal	92
Max Takeoff Weight Lbs	3744
Rate Of Climb Fpm	550

PERFORMANCE

Cruise Speed Kts	149
Max Speed Kts	182
Rate Of Climb Fpm	550
Best Glide Speed Kts	83
Stall Speed Clean Kts	61
Stall Speed Landing Kts	54

V-SPEEDS

Vso Kts	47
Vfe Kts	100
Vno Kts	149
Vne Kts	182
Best Glide Speed Kts	83

WEIGHT & BALANCE

Max Ramp Weight Lbs	3755
Max Takeoff Weight Lbs	3744
Max Landing Weight Lbs	3600
Baggage Allowance Lbs	100
Cg Range Inches	(+42.1) to (+47.4) at 3744 lbs.

SAFETY NOTES

- AD/CESSNA 206/62 Amdt 1 requires inspecting fuel hose end fittings on listed 206H and T206H serials. There were reports of loose fuel lines and in-flight engine failure.
- Turbocharged 206 models need specific training on waste gate and compressor failures, TIT monitoring and oxygen use.
- If the airplane has amphibious floats, the supplement says takeoff with known hull leak or structural damage is prohibited.