

CESSNA TURBO 210L Model Guide

The CESSNA TURBO 210L is a single-engine piston Cessna 210 Centurion variant. Listed figures are a 3800 lb maximum takeoff weight, 90 gal of fuel and a maximum speed of 225 kts. The type acceptance report allows up to 6 seats for this model group. Library data lists a Continental IO-520-L at 325 hp, so confirm the engine actually fitted to any aircraft you inspect.

KEY TAKEAWAYS

- Maximum takeoff weight is 3800 lbs and basic empty weight is 2150 lbs. It carries 90 gal of fuel and has a 200 lb baggage allowance.
- Listed speeds: Vne 225 kts, Vno 210 kts, Vy 90 kts, Vx 75 kts. Clean stall is 75 kts and max crosswind is 15 kts.
- Confirm the engine: the library says IO-520-L at 325 hp, but the type acceptance report lists TSIO-520-H for the T210L.
- Ask for proof of the mandatory carry-thru spar eddy current inspection (SEL-57-06).

ENGINE AND PROPELLER

The library lists a Continental IO-520-L at 325 hp with a McCauley E2A34C73/90AT-8 propeller. The 1972 handbook covering the 210L rates 300 BHP at 2850 RPM for 5 minutes and 285 BHP at 2700 RPM continuous. The type acceptance report lists TSIO-520-H for the T210L. Check the engine data plate and logbooks to confirm which engine is fitted.

AIRFRAME AND LOADING

Wingspan is 36.75 ft, length 28.15 ft and height 9.42 ft. Basic empty weight is 2150 lbs against a 3800 lb maximum takeoff weight, with 90 gal of fuel and a 200 lb baggage allowance. The type acceptance report shows up to 6 seats. Work out useful load from the actual aircraft's weighed empty weight.

RECORDS TO REQUEST

Ask for proof of the SEL-57-06 carry-thru spar eddy current inspection (mandatory; covers 210L and T210L). SEB92-27 vented fuel caps were mandatory within 400 hours or 12 months, and external turbo placards are to be removed. If a Stratus oil filter adapter is fitted, ask about SB-001 Rev B.

SPECIFICATIONS

Engine Hp	325
Max Speed Kts	225
Fuel Capacity Gal	90
Max Takeoff Weight Lbs	3800
Wingspan Ft	36.75
Length Ft	28.15
Height Ft	9.42

PERFORMANCE

Max Speed Kts	225
Stall Speed Clean Kts	75
Stall Speed Landing Kts	65
Max Crosswind Kts	15
Baggage Allowance Lbs	200

V-SPEEDS

Vx Kts	75
Vy Kts	90
Vne Kts	225
Vno Kts	210
Vso Kts	60

WEIGHT & BALANCE

Basic Empty Weight Lbs	2150
Max Takeoff Weight Lbs	3800
Baggage Allowance Lbs	200
Fuel Capacity Gal	90

SAFETY NOTES

- The carry-thru spar can corrode and crack, risking wing separation. The inspection is due over 1,500 flight hours (severe use) or 4,000 (typical). Unknown history counts as severe.
- Take fuel samples from every drain at each preflight and check the fuel vents. Blocked vents or wrong or contaminated fuel can cause engine stoppage in flight.
- If a Stratus oil filter adapter is fitted, inspect for fiber gaskets, leaks or looseness. Oil loss can lead to partial or complete loss of engine power.