

CESSNA 206H STATIONAIR Model Guide

The CESSNA 206H STATIONAIR is a single-engine piston utility aircraft. The inputs show 87 gal of fuel, a 20 gph fuel burn, and a 300 hp Lycoming IO-540-AC1A5 in one example listing. The wider 206 family carries up to 6 people. Published weights differ between sources, so confirm limits against the specific airplane's handbook.

KEY TAKEAWAYS

- Fuel capacity is 87 gal and fuel burn is listed at 20 gph, so plan fuel and payload together.
- Sources disagree on max takeoff weight (3,789 lb vs 3,600 lb); confirm against the airplane's own handbook.
- One example listing quotes about 142 kt cruise at 75% power, with 988 fpm climb and 15,700 ft service ceiling.
- Turbo T206H and non-turbo 206H differ; make sure you read the handbook for the exact variant you buy.

LOADING AND BALANCE

Use the loading graph and CG envelope. With light loads (pilot and copilot only), check forward limits; near gross weight, check aft limits. Put the heaviest items forward and leave vacant space at the rear. Cargo pack capacity is 300 pounds. The baggage net has four straps; floor and aft cabin-top D rings are rated at 60 pounds each.

CHECKING A USED EXAMPLE

One 2008 listing (serial 20608308, 975 tach hours, asking \$455,000) shows a 300 hp IO-540-AC1A5 with a TBO of 144 months or 2,000 hours. Its propeller TBO is 72 months or 2,400 hours. Compare logs, compressions (listed 75/80 to 78/80) and calendar limits, not just hours.

VARIANTS AND MODEL YEARS

The turbo T206H and the normally aspirated 206H are different aircraft, so read the right handbook. Per the CAP guide, G1000 NXi arrived in 2017 and ESP in 2019. In 2022 the vacuum system was replaced by a GI 275. HD versions from around 2017 raised maximum takeoff weight.

SPECIFICATIONS

Fuel Capacity Gal	87
Engine Power Hp	300
Wingspan Ft	36

PERFORMANCE

Fuel Burn Gph	20
Cruise Speed Kts	142
Rate Of Climb Fpm	988
Service Ceiling Ft	15700

V-SPEEDS

Stall Speed Flaps Down Kts	55
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WEIGHT & BALANCE

Max Takeoff Weight Lbs	3789
Max Landing Weight Lbs	3600
Empty Weight Lbs	2176
Cargo Pack Max Load Lbs	300

SAFETY NOTES

- Cargo doors must be fully closed and latched before using the electric flaps; a door-sill switch cuts flap power when the front door is open.
- Check weight and balance for every flight; the pre-flight check list includes confirming the aeroplane weight and balance.
- Weight figures conflict between sources (3,789 lb vs 3,600 lb); use the limits in the specific airplane's approved documents.