# Cessna 188 AGwagon Model Guide

The Cessna 188 AGwagon is a single-seat, single-engine piston agricultural aircraft built from 1966 to 1983. The 1968-1969 owner's manual for the Agwagon A lists 230 hp or 300 hp Continental engines, a 200 gal hopper and a 3300 lbs gross weight. Later A188 and T188C variants carry higher restricted-category weights.

## KEY TAKEAWAYS

- Single-seat piston ag aircraft, 1966-1983. Owner's manual gross weight is 3300 lbs, with a 200 gal hopper.
- Agwagon A power options: 230 hp fixed pitch, 230 hp constant speed, or 300 hp constant speed. Cruise runs 116 to 140 mph.
- Check AD compliance first: aileron cables, wing spars and main wheel axles are all in the NZ AD schedule.
- On the A188B, engine vibration isolators should be replaced at every engine overhaul.

## PERFORMANCE (NO DISPERSAL EQUIPMENT)

Owner's manual figures: top speed at sea level 119 to 151 mph and cruise 116 to 140 mph, depending on engine and propeller. Rate of climb is 710 to 940 fpm. Takeoff ground run is 610 to 845 ft. Landing ground roll is 420 ft, or 1265 ft over a 50-foot obstacle.

## MODELS, ENGINES AND WEIGHTS

Type certificate A9CE covers the 188, 188A, 188B, A188, A188A, A188B and T188C. The 188 series uses the Continental O-470-R or O-470-S. The A188 series uses the IO-520-D and the T188C uses the TSIO-520-T. Normal-category MCTOW is 3300 lbs. Restricted-category MCTOW is 3800 lbs on the 188 series, 4000 or 4200 lbs on the A188 series, and 4400 lbs on the T188C.

## WHAT TO CHECK BEFORE BUYING

Get the full AD history. The NZ schedule lists fuel line, battery, control system, mainplane spar, wing spar, main wheel axle, throttle linkage and aileron cable items. CASA AD/CESSNA 188/20 requires the FAA AD 73-16-02 aileron cable action on serial numbers 188-0001 through 18801348. Also confirm the vibration isolators and whether the aircraft is normal or restricted category.

## SPECIFICATIONS

| | |
|---|---|
| Seats | 1 |
| Hopper Capacity Gal | 200 |
| Fuel Capacity Gal | 37 |
| Fuel Capacity Optional Gal | 56 |
| Engine Power Standard Hp | 230 |
| Engine Power Optional Hp | 300 |

### PERFORMANCE

| | |
|---|---|
| Cruise Speed Max Mph | 140 |
| Top Speed Max Mph | 151 |
| Rate Of Climb Min Fpm | 710 |
| Rate Of Climb Max Fpm | 940 |
| Takeoff Ground Run Min Ft | 610 |
| Takeoff Ground Run Max Ft | 845 |
| Landing Ground Roll Ft | 420 |
| Landing Over 50ft Ft | 1265 |

### WEIGHT & BALANCE

| | |
|---|---|
| Max Takeoff Weight Lbs | 3300 |
| Empty Weight Min Lbs | 1755 |
| Empty Weight Max Lbs | 1805 |
| Max Restricted Weight Lbs | 4200 |
| T188c Restricted Weight Lbs | 4400 |

## SAFETY NOTES

- An A188B stalled at an altitude too low to recover and the pilot was fatally injured during spraying near Kojonup, Western Australia (ATSB AO-2009-070).
- Aileron cable wear led to the aileron cable AD. Cables are expected to wear out before the mandatory 500 hour life limit.

AI-aggregated guide for the Cessna 188 AGwagon · sources: Pilot's Operating Handbook for Cessna 188 AGwagon (#1671) · Type Acceptance Report TAR 19/21B/22 – Cessna 188 Series (#1681) · Airworthiness Directive Schedule Aeroplanes Cessna 188 Series (#1673) · AIRWORTHINESS DIRECTIVE AD/CESSNA 188/20 Amdt 2 (#1711) · ATSB TRANSPORT SAFETY REPORT - Collision with terrain, VH-ZRR (#1683) · APPLICATION SHEET (#1640) · generated 2026-10-15 · Reference only, not for flight. Check the original documents before relying on this guide.