AIRCAM AIRCAM Model Guide

AIRCAM AIRCAM is a piston-powered, two-engine aircraft with a front and a rear seat. The supplied checklists cover a 912iS-engined version with lane switches and an amphibious version on Clamar 2180 floats. No registry specs were supplied, so this guide uses only checklist data.

KEY TAKEAWAYS

- Two checklists were supplied: one for the AirCam 912iS and one for the AirCam on Clamar 2180 amphibious floats.
- Lift-off is at 43 mph IAS and normal climb is 60 mph IAS in both checklists.
- Exhaust systems have 8 springs per engine. All 8 must be intact and safety wired before flight.
- The amphibious version has a retractable gear system with indicator lights. Gear position decides whether a land or water landing is safe.

ENGINE AND START-UP DIFFERENCES

The 912iS checklist uses Lane A and Lane B switches, an engine monitor display and start-power switches. It specifies oil pressure of 29-73 psi and a run-up at 4,000 RPM. The float checklist uses ignition switches, auxiliary fuel pumps and a run-up at 3,800 RPM. Both limit starter cranking to 10 seconds at a time.

WHAT TO INSPECT WHEN BUYING

Look for propeller blade damage, especially leading edges. Check exhaust for cracks and leaks, all 8 springs per engine and their safety wire, and fluid leaks under each engine. Check radiators, hoses, air filters, wing-root gap seals, trim tab hinges and pushrods, and stabilizer cables. Confirm battery voltage is above 12V.

FLOAT AND AMPHIBIOUS POINTS

On the floats, check rigging and make sure all compartments are free of water. Check the gear and tires: mains should be 50-55 psi and nose wheels 30 psi. Sump four fuel drain points. Water operations use gear up and flaps at 25 degrees, with a minimum water depth of 12 inches for landing.

V-SPEEDS

Vmc Mph	43
Vsse Mph	50
Vyse Mph	55

SAFETY NOTES

- Do not attempt a water landing if one or more gear may be down. If unsure the gear is locked, touch down at the lowest possible speed with full flaps.
- Engine failure: both throttles full forward, hold 55-60 mph IAS, bank 5 degrees into the good engine. Shut down the bad engine if RPM stays below 2,000.
- Oil pressure: the 912iS must show minimum pressure within 10 seconds of start-up. The float version must show it within 5 seconds. Otherwise shut down the engine.

AI-aggregated guide for the AIRCAM AIRCAM · sources: CHECKLIST (#100501) · CHECKLIST (#100502) · generated 2026-10-21 · Reference only, not for flight. Check the original documents before relying on this guide.