

What Makes This Dog a Superdog?



FAA Supplement Type Certificate SA1201SW

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MORE POWER TO GET OUT OF MORE PLACES!

The Superdog is powered by a 250 HP Lycoming O-540-A4E5 with a Hartzell Three-Blade Constant Speed Propeller

This is a simple firewall forward conversion, which includes a cowl flap

This is an OEM supported engine with a 2000 hour TBO

With the Superdog there is no timed power limitation

Reduced "Flex" Power takeoffs are possible with the Superdog allowing owners a better noise foot print, reduced operating costs, & better directional control

Additionally, the Superdog has a modern oil cooler with increased cooling capacity and a modern, lightweight starter & 50 amp/24V alternator



A STOL WING TO GET IN MORE PLACES!

The Superdog has its wing optimized for performance with a Bush Conversions STOL kit

The Superdog's STOL kit reduces takeoff distance as well as distance to clear a 50' obstacle

The STOL kit reduces the Superdog's takeoff & landing speeds by 5 MPH, improves gliding distance & aircraft handling at low speeds



AND THERE'S MORE!

The Superdog has a simplified gravity fuel system, which includes a BOTH position on the fuel selector valve

The Superdog fuel system has NO electric fuel pump and NO Bendix Pressurized Carburetor

The Superdog's aircraft battery is relocated aft of the baggage compartment which means more room in the cockpit

The Superdog has an expanded C of G envelope and includes a gross weight increase for all C305As to 2,300 pounds (2,400 pounds for all other C305s)

With the Superdog conversion, there is negligible difference in aircraft empty weight