

This is a Working Dog!



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The Air Cadets and the Superdog

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The “Classic” Problem...

Eastern Region Cadet Air Operations of the Royal Canadian Air Cadets had a BIG problem. The Continental O-470-11 engine in their six Birddog towplanes was no longer supported by the engine manufacture and the maintenance costs were literally “soaring.”

With no Airworthiness Directives against the L-19, the Air Cadets knew they had the right aircraft, but their aircraft didn’t have the right engine.

The Superdog Solution...

So why replace a “Classic” Birddog when you can just fix the problem AND reduce the maintenance costs by converting it to a Superdog?

The Superdog conversion (STC SA1201SW) replaces the 213 HP Continental O-470 in the Birddog with a factory supported Lycoming O-540-A4E5 and a Hartzell three-blade constant speed propeller.

With the O-540 conversion, the engine accessories include a modern oil cooler with increased cooling capacity, a modern light weight starter, a 50 amp/24V alternator and a cowl flap.

Plus, the Lycoming O-540-A4E5 has a 2000 hour TBO.



But with the Superdog, there’s even more...

The Superdog has its wing optimized by including a Bush Conversions STOL kit (STC SA2857SW) giving better takeoff and landing performance as well as reducing the noise footprint.

The Superdog is a Working Dog!

Towplanes have to work hard and need to be reliable. With this kind of work the Superdog is up to the challenge.

For the Air Cadets the Superdog solved the problem and will keep them flying for the next 30 years.

