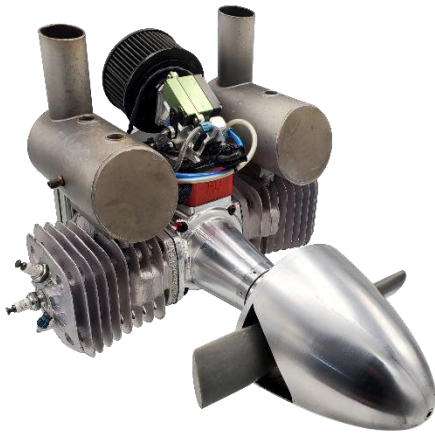


Description

The B150IJ EFI twin offers UAV operators improved reliability and power, while addressing the shortcomings commonly found in 2-stroke singles. The B150IJ incorporates the latest engine technologies from Power4Flight, and Currawong Engineering using the tried-and-true DA150 engine core from Desert Aircraft.



- Low vibration: opposed twin layout for greatly reduced primary vibration
- Reliability: four-bearing crankshaft and high rod/stroke ratio for reduced stress
- Flexibility: dedicated PTO, dual spark option, side induction
- Passed FAR33 150-hour endurance test
- Compatibility: Readily integrates with flight control systems; available with Power4Flight IntelliJect EFI

Contact:

Sales@power4flight.com

(541) 436-4299

Specifications

Engine Type:	Air-cooled 2-stroke twin
Displacement:	150 cc (9.15 ci)
Mass:	5.7 kg (12.6 lbs.) (includes engine, generator, mount, exhaust, sensors, cowls, intake)
Power Output:	7.5 kW (10 HP) at 7000 RPM
Fuel Consumption:	460 g/kW-hr (0.76 lb/hp-hr) at cruise
Generator Output:	325W (425 W intermittent) ¹
Fuel Type:	Gasoline 50:1 premix

The engine package includes

- Power4Flight IntelliJect EFI system
- Currawong induction and DA exhaust system
- Currawong self-priming fuel pump
- Wall EFI Sensors and wire harnessing
 - CHT, MAT, and Fuel sensors
 - Baro and MAP
 - CDI module
- Fuel pressure accumulator
- 325W generator
- Cooling duct with active control for each cylinder

Features

- Altitude compensation
- Cold start compensation
- Superior throttle response compared to a carbureted engines
- Integrated cooling control (IntelliJect)
- Onboard data logging, maintenance tracking, and logbook
- Plug n' Play with multiple Autopilots
- Free communications ICD and software developers kit for CAN and Serial
- Free user interface for engine and configuration development

