



Northwest UAV

A GLOBAL COMPANY

PROPULSION & PAYLOAD
INTEGRATION SPECIALISTS

UNMANNED SYSTEMS ENGINE ACCESSORIES

At NWUAV we understand UAS requirements inside and out, incorporating a total lifecycle approach that provides top quality, high-performance solutions to enhance any system platform.



Where Precision and Reliability Soar!

From single components to entire propulsion systems – Our main focus is in propulsion solutions, modular components and support solutions for any UAV or unmanned system.



NWUAV has the expertise within our AS9100D|ISO9001 certified facility to engineer, develop, manufacture, and assemble engines and components for your unmanned system.

UNMANNED SYSTEMS ENGINE ACCESSORIES



FUEL DELIVERY SYSTEM (FDS)

- Pressurized fuel for EFI, filtered with acrobatic pickup
- Regulated fuel pressure
- Pressure and Bingo level sensors



NW-44 Custom Muffler shown

MUFFLER (PATENTED)

- Lightweight conformal design
- Extreme acoustic suppression
- Custom engineered design



GENERATOR CONTROL UNIT (GCU)

- 280-Watts
- Outputs: 6V, 12V, 21V or 28V
- Trimmable to your application



ENGINE CONTROL UNIT (ECU)

- Purpose built for UAVs
- Highly versatile baseline, customizable



IGNITION

- Capacitor discharge ignition (CDI)
- 25kV ignition coil
- 12V power



ROTOR & STATOR

- 310-Watts
- 90+% Efficient



ECU WIRE HARNESS

- Mil SPEC connectors
- EMI/EMC protected

All products designed and manufactured to AS9100/ISO9001 standards. COTS or custom engineered and developed for your propulsion system. Engine application is dependent on airframe factors including: Aerodynamics, propeller, and operational concept. Please contact NWUAV for guidance.



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