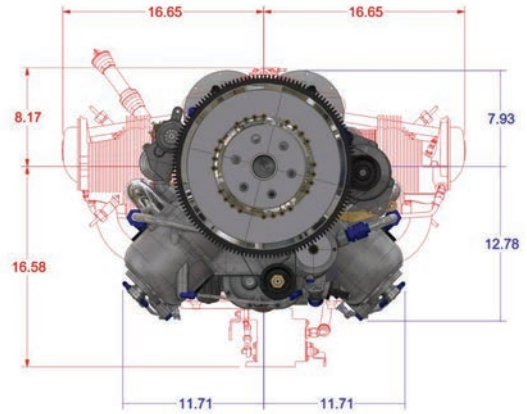




# V4 ENGINES

Certified Engines for General Aviation.  
Experimental and Certified Aircraft.  
Unmanned Aerial Vehicles.

## Lightweight 160 – 200 hp Heavy Fuel Engines



Profiles for DeltaHawk and Lycoming® 10-360  
with matched prop flanges

### TECHNICAL DESCRIPTION

Horsepower	180 hp at 2650 rpm
Torque	356 ft/lbs at 2650 rpm
Displacement Bore and Stroke	4 in x 4 in
Stroke and Cycle	2-Stroke Diesel Cycle
Compression Ratio	19.3:1
Configuration	90° V4
Rotation	Clockwise or Counter-Clockwise
Thrust Direction	Pusher or Tractor
Dry Weight	315 lbs / 142 kg
Cooling	Glycol/Water
Lubrication	Oil Pump/Dry Sump
Fuel System	Engine Driven Low Pressure Delivery Pump Mechanical High Pressure Fuel Injection Individual Fuel Injection Pump for Each Cylinder
Combustion Air	Turbocharged and Supercharged with Bypass Valve Intercooled
Prop Flange	SAE 2L Drilled for Hydraulic Props
Electrical	60 Amp, 28 Volt Alternator Standard Up to 200 Amp Alternator Available 28 Volt Lightweight Aviation Starter Standard

### TOMORROW'S POWER PLANT IS HERE.

- 160 – 200 Horsepower
- 315 Lbs / 142 Kg
- Heavy Fuel Operation (Jet-A)
- Upright, Inverted & Vertical Shaft Models
- Exceptional Fuel Economy
- Simple and Reliable
- Redundant Systems for Flight Reliability
- Thermal Stability through Liquid Cooling
- Patented & Proprietary Technologies
- Member: ASTM Aviation Fuels Committee

# THE FREEDOM TO FLY.

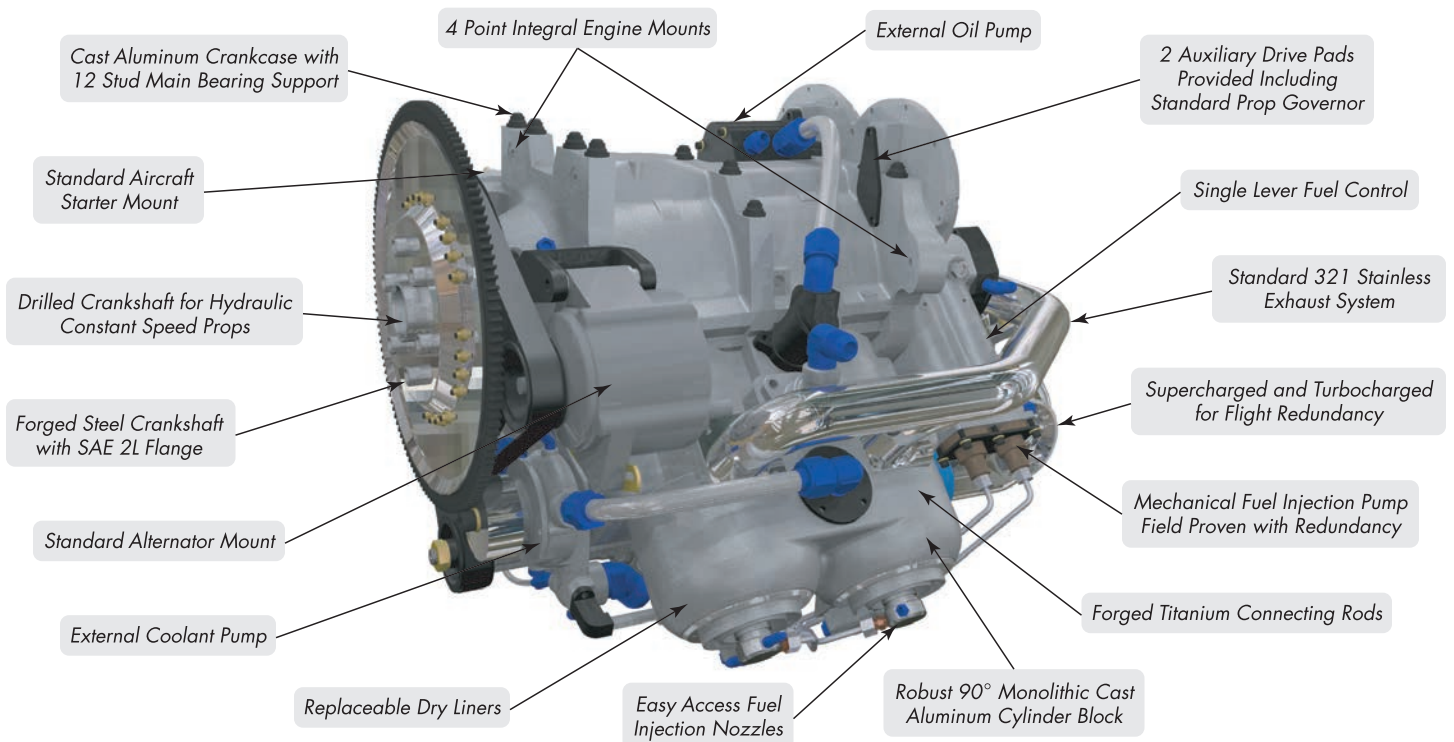
[deltahawk.com](http://deltahawk.com)

# DeltaHawk DH180A4

## Jet Fueled Piston Power for the New Century



- 11.8 GPH @ 180 hp (100%)
- 8.0 GPH @ 135 hp (75%)
- 100% Power to 18,000 feet MSL
- Upright, Inverted and Vertical Shaft Models Available
- Uses Most Common Jet and Diesel Fuels
- Service-Friendly Externally Mounted Critical Components



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