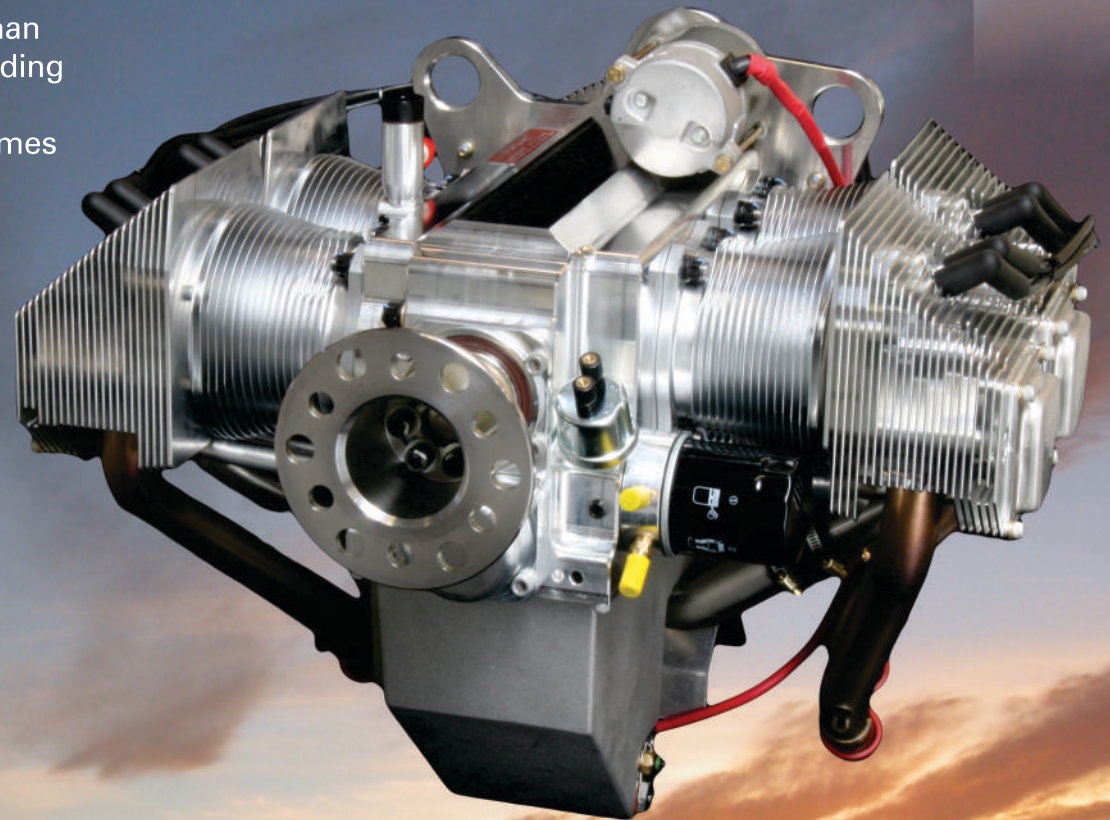


# 2200 Aero Engine

## Design Philosophy

The Jabiru range of very light engines now offer new opportunities for aircraft designers to develop a generation of light aircraft. These are engines specifically designed by aircraft designers for aircraft applications. They are manufactured to exacting aeronautical production quality standards from high quality billet materials. Components are machined using the very latest computer numerical controlled (CNC) machine tools. All components are measured on highly accurate computerized measuring equipment with accuracy to 2 microns.

Jabiru engines have been produced since 1992 with more than 6,000 in operation around the world and many in the demanding flying school environment. They incorporate simple design features, which together with realistic part prices and high times between overhaul (TBO) support low maintenance costs.



AUSTRALIAN DESIGNED & MANUFACTURED

THE PREMIER OF QUEENSLAND'S  
**EXPORT AWARDS**  
2002  
**WINNER**  
SMALL TO MEDIUM  
MANUFACTURER

THE PREMIER OF QUEENSLAND'S  
**EXPORT AWARDS**  
2002  
**RUNNER-UP**  
EXPORTER OF THE YEAR



## Description

4 Stroke  
4 Cylinder Horizontally Opposed  
1 Central Camshaft  
Aluminium Alloy Crankcase  
Over Head Valves (OHV)  
Hydraulic Valve Lifters with Automatic Adjustment  
Ram Air Cooled  
Wet Sump Lubrication  
Direct Propeller Drive  
Dual Transistorized Magneto Ignition  
Integrated AC Generator  
Electric Starter  
Mechanical Fuel Pump  
Naturally Aspirated Pressure Compensating Carburettor  
6 Bearing Crankshaft

## Specifications

Displacement : 2200 cc (134 cu.in.)  
Bore : 97.5 mm  
Stroke : 74 mm  
Compression Ratio : 8:1  
Direction of Rotation : Clockwise Pilot's view Tractor Applications  
of Prop Shaft  
Ramp Weight : 62.8 kg (138 lbs) Complete Including Exhaust, Carburettor, Starter Motor, Alternator, Ignition System, Regulator, Propeller Guides, Engine Mount Rubbers, Starter Solenoid, Muffler Springs  
Power Rating : 60 kW (80 hp) @ 3300 RPM  
Fuel : AvGas 100/130  
MoGas 95 Octane & above  
Oil Capacity : 2.3 l (2.2 quarts)  
Spark Plugs : NGK D9EA Automotive

\* Engine specifications may be subject to change at any time.

