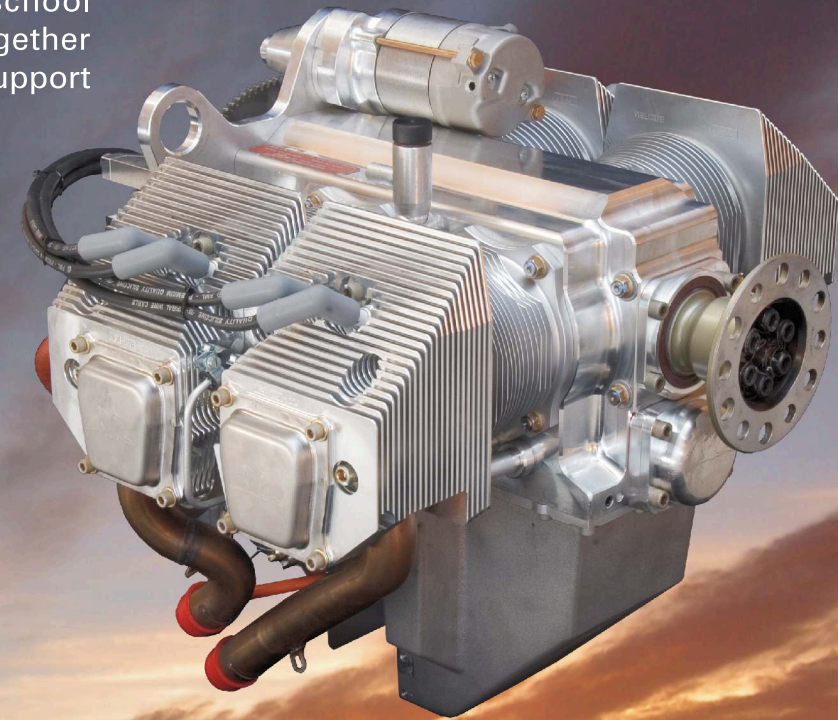


2200 Aero Engine

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 5,000 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 of Prop Shaft : Clockwise Pilot's view Tractor Applications
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 : 64 kW (85 hp) @ 3300 RPM
Fuel : AVGAS 100/130
MOGAS above 95 octane
Oil Capacity : 2.3 l (2.2 quarts)
Spark Plugs : NGK D9EA Automotive

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

