

Spitfire

Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine Aircraft Kits

Supermarine Aircraft has been in business for the last seventeen years selling our spitfire kits and in the last seven years Engines. We have sold our Aircraft and Engines all over the world (AUS, NZL, UK, GER, RUS, SA, USA, and CAN) Through out the last seventeen



years over five million dollars have been spent on R&D to come up with a product that is safe and is a world leader in quality and inovation, but most of all a joy to fly.



Supermarine Aircraft Kits Come Complete with Coloured Manuals.

All components prefabricated .

Main Spar Fabricated and Assembled.

Wing Spars Fabricated and Assembled.

All Control surfaces Fabricated and Assembled.

All Hardware is of Aircraft Grade(Nuts Bolts Rivets).



All Completed components are corrosion protected.

Fuselage Shell complete ready for fix out.

Wing complete and dissembled for packing.

Hydraulic undercarriage legs include wheels and brakes.





Supermarine Aircraft Pty Ltd
 388 Hawkesbury Road
 Moggill 4070
 Queensland
 Australia

Ph +617 3202 9619
 Fax: +617 3202 9219

Supermarine Aircraft Kits

Specs and Data

	<i>MK26 V6</i>	<i>MK26B V6</i>	<i>MK26B V6 SC</i>	<i>MK26B V8</i>
<i>VNE</i>	<i>193Knots</i>	<i>193Knots</i>	<i>193Knots</i>	<i>220Knots</i>
<i>Max Cruise</i>	<i>170Knots</i>	<i>170Knots</i>	<i>175Knots</i>	<i>180Knots</i>
<i>Econ Cruse</i>	<i>150Knots</i>	<i>150Knots</i>	<i>150Knots</i>	<i>163Knots</i>
<i>Stall Clean</i>	<i>45Knots</i>	<i>45Knots</i>	<i>45Knots</i>	<i>45Knots</i>
<i>Stall Dirty</i>	<i>42Knots</i>	<i>42Knots</i>	<i>42Knots</i>	<i>42Knots</i>
<i>Range</i>	<i>480 N/M hour reserve</i>	<i>650 N/M hour reserve</i>	<i>650 N/M hour reserve</i>	<i>570N/M hour reserve</i>
<i>Climb (ftm)</i>	<i>2800fpm</i>	<i>2800fpm</i>	<i>3200fpm</i>	<i>3500fpm</i>
<i>Take of Distance</i>	<i>207m/226 yds</i>	<i>207m/226 yds</i>	<i>207m/226 yds</i>	<i>207m/226 yds</i>
<i>Landing Distance</i>	<i>445m/487 yds</i>	<i>445m/487 yds</i>	<i>445m/487 yds</i>	<i>445m/487 yds</i>
<i>Ceiling Services (ft)</i>	<i>18000ft</i>	<i>18000ft</i>	<i>18000ft</i>	<i>18000ft</i>
<i>Power H/P</i>	<i>250 hp</i>	<i>250 hp</i>	<i>320 hp</i>	<i>430 hp</i>
<i>Gross Weight</i>	<i>1785lbs (810KG)</i>	<i>1785lbs (810KG)</i>	<i>1785lbs (810KG)</i>	<i>1785lbs (810KG)</i>
<i>Height</i>	<i>6,9 at spinner</i>	<i>7'1 at spinner</i>	<i>7'1 at spinner</i>	<i>7'1 at spinner</i>
<i>Length</i>	<i>23'9 /7.24m</i>	<i>8.15m</i>	<i>8.15m</i>	<i>8.15m</i>
<i>Wing Span</i>	<i>27'8/8.43m</i>	<i>27'8/8.43m</i>	<i>27'8/8.43m</i>	<i>27'8/8.43m</i>
<i>Wing Area</i>	<i>122Sq Ft</i>	<i>122Sq Ft</i>	<i>122Sq Ft</i>	<i>122Sq Ft</i>
<i>Fuel Capacity</i>	<i>120L</i>	<i>150L</i>	<i>150L</i>	<i>150L</i>
<i>No Seats</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>
<i>Construction</i>	<i>Monoque</i>	<i>Monoque</i>	<i>Monoque</i>	<i>Monoque</i>
<i>Material</i>	<i>Alum2024T3</i>	<i>Alum2024T3</i>	<i>Alum2024T3</i>	<i>Alum2024T3</i>
<i>Built Time</i>	<i>1200 hours</i>	<i>1100 hours</i>	<i>1100 hours</i>	<i>1100 hours</i>
<i>No Built</i>	<i>MK26</i>	<i>60</i>	<i>MK26B</i>	<i>13</i>
<i>Plans</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
<i>Rating</i>	<i>Limited Aerobatics +6/-4</i>	<i>Limited Aerobatics +6/-4</i>	<i>Limited Aerobatics +6/-4</i>	<i>Limited Aerobatics +6/-4</i>

Base Packages Start from \$175,000 AUD

www.supermarineaircraft.com

Spitfire

Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine 8 Cylinder Engine

- *V8 LS2
- *1 Central Camshaft
- *Water Cooled
- *Wet Sump
- *Dual Ignition Sensors
- *Fuel Injected
- *Electric Start
- *Dual Fuel Pumps
- *Motec ECU Pre Programmed
- *Mill Spec Wiring
- *All Braided & fire sleeve fuel lines



Specs and Data

Displacement	6L/364cu in
Width	540mm
Length	700mm
Height	640mm
Weight	163KG Dry
Horse power	430 H/P
Torque	418 FPT
Bore	101.6mm/4 in
Stroke	92.0 mm/3.62 in
Compression Ratio	10.9:1
Directional Rotation of prop Shaft	Clockwise-Pilot's view
Firing Order	1-8-7-2-6-5-4-3
Oil	Castrol 0W-40
Oil Capacity	7Liters
Oil Pressure	50-60 PSI
Fuel	100LL 98 Oct Mogas
Fuel Consumption	30L/PH 65%

Base Packages from \$48,575 AUD

www.supermarineaircraft.com

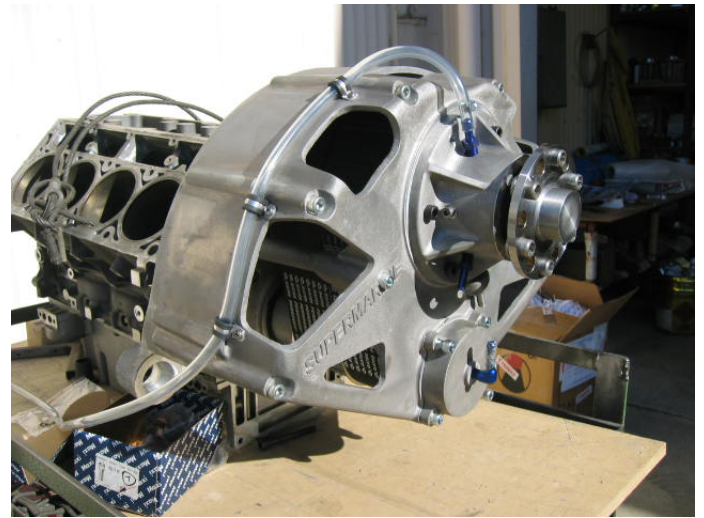


Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine 8 Cylinder PSRU

- * To fit V8 LS2
- * Included with engine package
- * Cast Aluminium
- * Dual Drive Belts
- * Billet aluminium Gears case harden



Specs and Data

Weight	35KG Dry
Horse power Rated	450 H/P
Torque At Prop	782 FPT
Reduction Ratio	1.82to 1 (Other available at extra cost)
Hub STD	SAE6 (SAE2 also available at extra cost)
Oil	H-36161
Oil Capacity	500mL

Base Packages from \$10,000AUD

This PSRU is a Supermarine Aircraft design for our engine packages with thousands of hours testing and flying in the field with no failures. Main housing is cast aluminium and all internal components are machined from billet aluminium with extremely Close tolerances of 0.005”

www.supermarineaircraft.com



Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine 8 Cylinder Engine

What is included with the engine Package?

- 1. Brand new LS2 6L V8 crate Motor modified by Supermarine***
- 2. Supermarine PSRU assembly and Hub(SAE6)***
- 3. Complete wiring with all switches and circuit breakers***
- 4. Pre-programmed Motec ECU***
- 5. All StSt Fuel lines with fire sleeve***
- 6. All aircraft grade Fuel lines fittings***
- 7. All fuel pumps, regulator and filters***
- 8. All radiator hoses in silicon long life***
- 9. Water header tank and over flow bottle***
- 10. Starter motor and alternator***
- 11. Oil cooler and lines***
- 12. Custom made StSt 12 Pod Exhausts***
- 13. Engine mount and hardware***

What do we do Different?

Supermarine Aircraft has spent the last five years developing the V6 and now the V8. Which are all Test Flown by our CEO Mike O Sullivan. We have done thousands of hours in the air and on dyno rigs for fine tuning and testing The Motec ECU works in Real Time this means that it is reading sensor on the engine to work out timing and air fuel ratio to give peak performance and maximum engine life. This eliminates the pilots need to lean or enrich the fuel mixture as it is always at its optimal mixture. The ECU also has pre-programmed map as a redundancy system or limp home mode. All engines are run in the factory before shipping and data logged. This also means that we can carry out diagnostics on engines with a laptop computer.

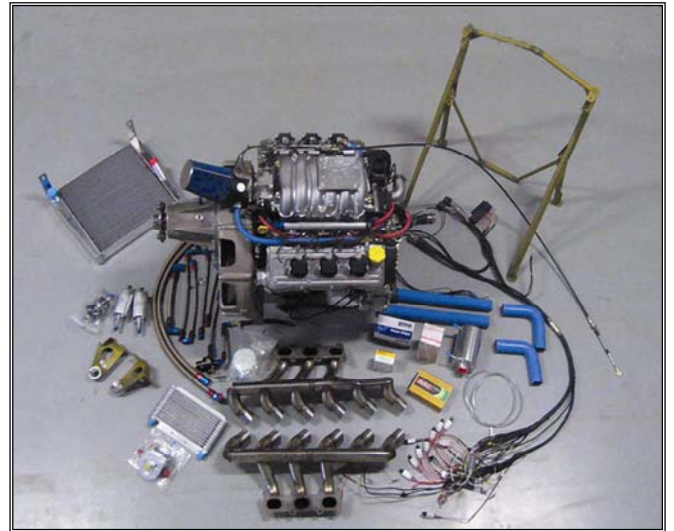


Supermarine Aircraft Pty Ltd
 388 Hawkesbury Road
 Moggill 4070
 Queensland
 Australia

Ph +617 3202 9619
 Fax: +617 3202 9219

Supermarine 6 Cylinder Engine

- *V6 Isuzu
- *Quad Cam
- *water cooled
- *Wet sump Lubrication
- *dual Ignition
- *fuel injected
- *Electric Start
- *dual electric Fuel pumps
- *Motec ECU Pre programmed
- *Mill spec Wirings
- *Mill spec Plugs



Specs and Data

Displacement	3.5L
With	610mm
Length	630mm
Height	800mm
Weight	160KG Dry
Horse power	260 H/P 320H/P (S/C)
Torque	317FPT(S/C)
Bore	93.4mm
Stroke	85mm
Compression Ratio	9.1:1
Directional Rotation of prop Shaft	Clockwise-Pilot's view
Oil	Castrol 0W-40
Oil Capacity	5.3L
Oil Pressure	70 psi
Fuel	100LL / 98 Oct Mogas
Fuel Consumption	28L/PH 65% throttle

Base Packages Start from \$45,500 AU

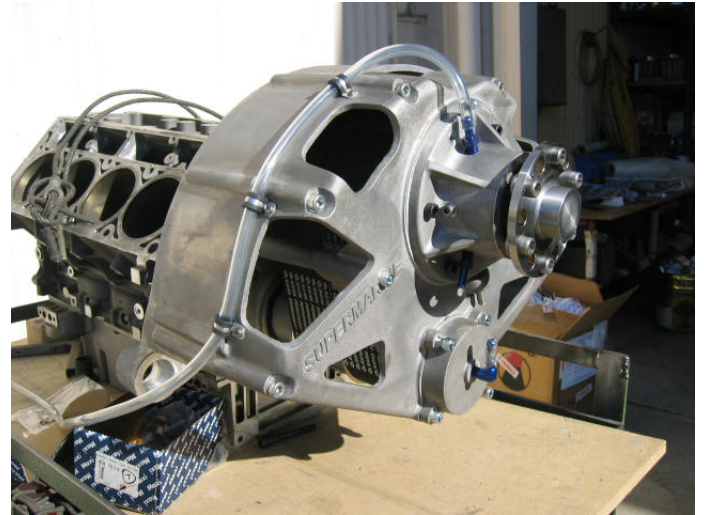
Spitfire

Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine 6 Cylinder PSRU

- *To fit V6 Isuzu
- * Included with engine Package
- *Cast Aluminium
- * Billet aluminium
- Gears case harden



Specs and Data

Weight	30KG Dry
Horse power Rated	350 H/P
Torque	582 FPT
Reduction Ratio	1.82to 1 (Other available)
Hub STD	SAE6 (SAE2 also available at extra cost)
Oil	H-36161
Oil Capacity	500mL

Base Packages from \$10,000AUD

This PSRU is a Supermarine Aircraft design for our engine packages with thousands of hours testing and flying in the field with no failures. Main housing is cast aluminium and all internal components are machined from billet aluminium with extremely Close tolerances of 0.005"



Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

Supermarine 6 Cylinder Engine

What is included with the engine Package?

- 1. Brand new Isuzu 3.5L V6 crate Motor modified by Supermarine***
- 2. Supermarine PSRU assembly and Hub(SAE6)***
- 3. Complete wiring with all switches and circuit breakers***
- 4. Pre-programmed Motec ECU***
- 5. All StSt Fuel lines with fire sleeve***
- 6. All aircraft grade Fuel lines fittings***
- 7. All fuel pumps, regulator and filters***
- 8. All radiator hoses in silicon long life***
- 9. Water header tank and over flow bottle***
- 10. Starter motor and alternator***
- 11. Oil cooler and lines***
- 12. StSt 12 Pod Exhausts***
- 13. Engine mount and hardware***

What do we do Different?

Supermarine Aircraft has spent the last five years developing the V6 and now the V8. Which are all Test Flown by our CEO Mike O Sullivan. We have done thousands of hours in the air and on dyno rigs for fine tuning and testing The Motec ECU works in Real Time this means that it is reading sensor on the engine to work out timing and air fuel ratio to give peak performance and maximum engine life. This eliminates the pilots need to lean or enrich the fuel mixture as it is always at its optimal mixture. The ECU also has pre-programmed map as a redundancy system or limp home mode. All engines are run in the factory before shipping and data logged this also means that we can carry out diagnostics on engines with a laptop computer.

Under Wing Radiator Kits

www.supermarineaircraft.com

Spitfire

Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

- *Suits V6 & V8
- *Suit MK26 & B
- *Colour Manuals
- *Aluminium Radiators
- *Silicon Hose long life
- *Increase Cruise
- *Electric cowl flaps
- *Can be retro fitted



Supermarine Aircraft under wing radiators are designed to produce thrust, increase cruise speed and look like the original plane. The cowls can be use as dummies for air cooled engine.

Cowls are made of fibreglass construction. Comes as complete firewall back kit including all hardware and hoses.



Base Packages start from \$6,000AUD

www.supermarineaircraft.com



Supermarine Aircraft Pty Ltd
388 Hawkesbury Road
Moggill 4070
Queensland
Australia

Ph +617 3202 9619
Fax: +617 3202 9219

SUPERMARINE AIRCRAFT ORDER FORM

CUSTOMER NAME: _____

DATE: _____

MAILING ADDRESS:

DELIVERY ADDRESS:

PHONE: _____

EMAIL: _____

Please tick preferences:
SPITFIRE KIT BUILDS

MK26 80% build	\$153,750.00AUD	
MK26b 90% build	\$175,000.00AUD	

ENGINE PACKAGES

V6 Naturally Aspirated	\$45,500.00AUD	
V6 Supercharged	\$58,409.00AUD	
V8 Naturally Aspirated	\$48,575.00AUD	

Optional Extra with kit

Underwing radiatore + air intake scoop	\$ 6,465.00AUD	
--	----------------	--

Prices exclude 10% GST which applies to Australia only. Optional extras ordered with the kit are discounted. Extras ordered after commencement of build will be charged at their normal prices, as an extra order.

Deposit of 10% is required on confirmation of order. A progress payment of 50% of the balance is due on commencement of the kit build. Final payment is due when the kit is completed prior to packing. Shipping and crating costs will be advised prior to delivery.

On receipt of your 10% deposit Supermarine Aircraft will issue you with a Spitfire Kit Build number.

SIGNED: _____

Authorised by: _____

Supermarine Aircraft Pty Ltd

www.supermarineaircraft.com