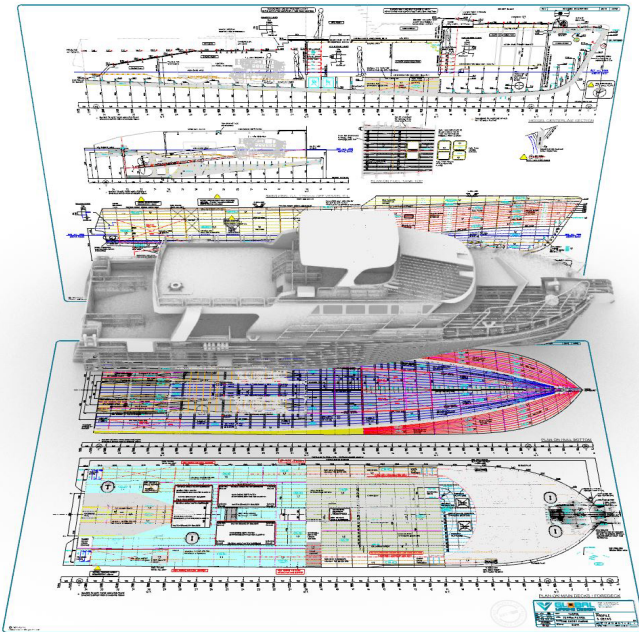


Proven leading design technology in High-Speed Aluminium Military/ Defence Vessels, designed in Australia, built globally

- High-Speed Aluminium Vessel designs
- Patrol vessel designs from 5m – 45m
- Over 400 existing designs
- Proven ability for custom designs
- In-house CFD and FEA simulation
- Performance Guarantee
- Global network of builders, vessels may be built in country of operation
- In house Qualified Naval Architects and Marine Surveyor
- Numerous Award-winning designs
- Over 80 High-Speed Interceptor Vessels globally



- **We understand** that generally, Military/ Police/ Coast Guard/ Patrol Vessels will be unique due to area of operation, vessel role, speed, endurance and many other factors.
- **We listen and create** the vessel suited exactly for the requirements and with 3D drawings, it gives your team a greater understanding of the vessel prior to commencing the build, **saving time and money** for costly modifications
- Our drawing packages provides the builders with the most **detailed 3D drawings** for Marine Kit assembly
- **We invest in our clients** and builders. We are available for support and attend Sea Trials and Commissioning.
- Air Rider™ Hulls are **most preferred for High-Speed Interceptor Vessels** providing a stable weapons platform with minimal heeling, excellent sea keeping ability, no broaching and safety/comfort of crew.

Proven Vessels

47 knot 12m Martim Malaysia
45 knot 11.2m Malaysia Customs
45 knot 13m Malaysia Police
30 knot 26m India Coast Guard
26m 25 knot Tasmania Police
DFES various Rescue, Patrol Vessels
55 knot Interceptor 16m Air Rider
26m catamaran Thai DMCR



www.globalmarinedesign.com

AIR RIDER™ HULLS

- Confidence to go faster and further offshore
- Improved safety for everyone on board
- Fewer limiting conditions and more time on the water
- Point and go – easily driven by novice operators
- Full customization available- task specific
- Stable Weapons/ Camera surveillance platform
- Full and Semi-Autonomous options



Every Air Rider is unique, but they all share some fundamental DNA in their hull that sets them apart from a traditional monohull:

- Super deep V hull bottom, typically 26° to 32° dead rise angle at transom,
- Fine entry bow angle,
- Twin reverse chines (two per side),
- Twin full length hull tunnels,
- Wide waterline beam vs overall beam,
- Semi flared bow.



All of that combined gives the Air Rider incredible offshore performance:

- **Extreme dynamic stability** for **safe** and **predictable** sea keeping in ALL headings,
- **Will not broach** when planing in a following or stern quartering sea,
- **Turns at speed** without heeling, and with incredible grip,
- **Minimal spray** for dry and comfortable running,
- Great **head sea punching**,
- **Soft landings** when airborne,
- Awesome **load carrying**,
- **Very stable** and comfortable motion at rest,
- **RHIB options**, soft or hard collar.

