Landseaair
Technology

PROPULSION SERVICES

Expertise in Thrusters, Propellers &
Marine Propulsion Systems

Landseaair.com.br

A TEAM OF ENGINEERS WITH OVER 20 YEARS OF EXPERIENCE IN PROPULSION SYSTEM

We live in times of constant change, which require swift and reliable action. Seeking solutions that adapt to current market needs, **Landseaair** was founded to provide comprehensive planning, maintenance, and mechanical repair services, including solutions for problems affecting propulsion systems from a wide range of manufacturers.

Landseaair has a team of engineers with over 20 years of propulsion experience, with training and expertise proven by world-class companies in the propulsion segment and integrated solutions for the maritime market.

It is with great pride that **Landseaair** opens a path of new possibilities, toward more efficient support, combining innovative work methods, high-quality services, and transparency for our customers.

Landseaair Technology

SPECIALIZES IN

- Project planning.
- Technical and spare part recommendation.
- Azimuth Thrusters major overhaul and trobleshooting.
- Bow & Stern Thrusters major overhaul and trobleshooting.
- Propeller Repairs (including extensive damages).
- Sterntube Seals (retrofits and upgrades).

OUR DELIVERY

Whatever segment of the maritime industry you work in, breakdowns and unplanned interventios will always costs money. That is why your company deserve the best service support. This is exactly what our service team and engineers are focused to deliver. They are multi-skilled, experienced, reliable and customer oriented.

ON DEMAND

THRUSTERS (AZIMUTH, BOW & STERN)

Your maintenance will be planned in the best way applicable to your operational profile. But sometimes you will need emergency support and a dedicated team. We can work at both ways, with scheduled/planned projects as with an emergency stoppage and repairs.

In dock, floating or even underwater. It will never be an insurmountable barrier. We have the experience, knowledge and skills to work on your vessel in any circumstance. **Landseaair** provides as well an equipped workshop for more extensive interventions at in-house repairs.

SOME OF TASKS

- ✓ Complete Thrusters overhaul
- ✓ Propeller Hub inspection and repair
- ✓ Propeller Shaft and Blade foot o-rings replacement
- ✓ Top and Pinion Shaft seals replacement
- ✓ Bearings replacement
- ✓ Inspection, test and overhaul of OD box
- ✓ Gear Set inspections
- ✓ Blade repair

DRY-DOCK INTERVENTIONS

We are able to support you to plan your dry-docking intervention and Propulsion repairs. The best time to carry out inspections and maintenance is when having the vessel in dry-dock. **Landseaair** team and engineers are multi-skilled, and they can work with Azimuth Thrusters, Tunnel Thrusters, Controllable Pitch Propellers and Sterntube Seals. Your Vessel Manager will be assisted/supported by one **Landseaair** point of contact – A skilled engineer to supervise and coordinate the field service and workshop activities.

SAIBA MAIS.

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AUTOMATION & CONTROLS

Our goal is to cover all stages of our service activity.

Now, our customers will have **Landseaair** support from thruster removal, through the workshop overhaul process, and finally, with controls and calibration during sea trials.

SAIBA MAIS.

ELECTRONICS REPAIR LAB - LSA

To further expand its customer service capabilities and meet market demand, **Landseaair** has developed a department and technical team dedicated entirely to electronic component repair.

Many of our customers face the challenge of obsolete propulsion systems. When one of these components fails, the only alternative is often the costly upgrade suggested by OEMs. At **Landseaair**, our customers find alternatives that ensure the continuity of their operations.

SAIBA MAIS.

TECHNICAL SUPPORT:
SUPPORT@LANDSEAAIR.COM.BR

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UNDERWATER INTERVENTION & THRUSTERS SWAP

Our specialized team provides planning, engineering, project management, and project supervision, including:

- Strand Jacks.
- Tugboats.
- Crane Barges.

We have a DNV-approved diving team capable of remotely and on-timely streaming of diving operations using the LANDSEAAIR 3 - Diver Portable Panel with 3 - Diver CCTV System - CPB3D2H1LVRL and the LANDSEAAIR DCP3D1L6HAV-RT diving container.

ADVISORY AND CONSULTING SERVICES

We offer an extensive range of propulsion services covering multi-type of thrusters to guarantee the success of your project.

PROPULSION TOOL CONTAINER

Container equipped with various types and sizes of necessary tools, such as:

- Various types of hand tools
- Hydraulic pumps and tools (high pressure)
- Hytorc pumps and accessories
- Lifting equipment with varying capacities
- Measurement and precision tools

The container can be adapted to include special tools, meeting a wide range of demands. Our customers' services and needs are not always located in locations that allow for in-house service at **Landseaair** workshop. In these cases, our customers can count on our support and have our tool container wherever they need it.

IN-HOUSE REPAIR

Our engineers have experience with all major brands and manufacturers, able to remove equipment such as thrusters and propellers for a more detailed and specific repair in our own workshop.

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OUR CUSTOMERS

Landseaair's success is directly related to the best experience for each customer. We are committed to ensuring satisfaction and loyalty.

LANDSEAAIR FACILITY

- Comprehensive repair and overhaul capability.
- Consistent quality and technical support standards.
- 1.850 sqm covered area for service, tools and parts storage.
- Skilled Brazilian engineers – supporting the Brazilian market and South America region in general.
- Capability to support a variable range of propulsion equipment (overhauls, repairs, troubleshooting, onboard repairs & maintenance).

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OUR WORKSHOP

Our workshop is strategically located, near to the main shipyards and companies supporting the offshore and maritime industry in Rio de Janeiro.

Av. Frederico Marques, 3809
Boa Vista, São Gonçalo – RJ
Postal Code: 24466-680

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Phone:
+55 21 2036-0703
+55 21 99838-2612
Mail:
support@landseaair.com.br