

Components and parts for civil and military aircraft and helicopters



Through Life Capability

Protected Mobility and Defence Systems



Through Life Capability



Battlefield and Critical Systems



EXTREME SURVIVABILITY

Finland is known for high technology and extreme resilience. The harsh nature and limited resources have pushed us to learn and innovate efficiently. Thorough preparation for the future is the backbone of our culture.

Patria has grown from its Finnish heritage to a modern and international defence and technology company with over 100 years of experience. We use resources wisely, create innovative solutions and build intelligent systems that provide extreme survivability in any condition. We work with our customers throughout the entire lifecycle to ensure maximum value. Honest and straightforward co-operation is at the core of our work.

We build exceptional partnerships that last through critical operations. That's what it takes when you stand for your sovereignty.

Trust us, we have been there.

ULTIMATE AVAILABILITY

Optimize and extend your fleet availability with our digital solutions and new advanced capabilities. We have the widest experience of the market from different platforms in all domains.

Our commitment to your fleet on land, in the air and at sea means that we are with you throughout the entire lifecycle. We lead platform-independent, large-scale integration and upgrade programmes.

Your personnel are always well prepared with our systematic training. Seamless collaboration with your organization and partners creates the best price and quality ratio and ultimate fleet availability for you.

We know what is needed to keep your fleets fully optimized and operational.

Patria - Extreme conditions embedded.



Components and parts for civil and military aircraft and helicopters including manufacturing, MRO and parts sales are Patria's special areas in the Netherlands. Patria is recognized in the industry for the fixed wing and rotary wing services to commercial and military operators.

Alphen aan den Rijn, at a short distance of Amsterdam Schiphol Airport and Düsseldorf Airport. With over 40-years of experience, the combination of in-depth manufacturing know-how and repair and overhaul gives us an outstanding basis for providing our customers with excellent component support. Quality is the core of our business philosophy and Patria is proud to hold AS9100 for manufacturing, AS9110 and EASA/FAA/TCCA/UK-CAA Part 145 for maintenance and AS9120 for distribution. Patria Netherlands B.V. is the only aerospace organization in the Netherlands holding this full set of certifications.

The main platforms:

- Bombardier Dash 8 series
- ATR
- AS350/Écureuil
- Super Puma/Puma/Cougar
- NH90
- F-16

Patria also serves:

Civil Fixed Wing

Beechcraft 1900, Boeing 737 Classic, Cessna Caravan C208, DHC6/Twin Otter/Viking400, Dornier 228/328, Embraer 135/145/120/170, Fokker 50/70/100, Saab 340

Civil Rotary Wing

Sikorsky series, Bell series, Agusta series

Military Fixed Wing

Lockheed Martin - C130 Hercules

Maintenance, repair and overhaul

Patria manages MRO supply chains on behalf of its customers. Patria delivers value and performance through its long-standing relationships with OEMs and repair stations to the highest industry quality standards. MRO focuses on repair and overhaul capabilities for a complete range of components for (regional) jets, turboprops aircraft and helicopters.

In-house workshops

The workshop at Didam accommodates a cleanroom, a paint facility, an avionics shop as well as an electrical/mechanical shop and facilities for vibration and temperature testing. All this guarantees the highest quality for full in-house testing, inspection, repair and overhaul on components related to commercial and military aircraft as well as helicopters. The repairs not only comprise transceivers, transponders, fuel indicators, and actuators, but also repairs for military components like F-16 fuel probes and ignition exciters. With the state-of-the-art Printed Circuit Board printing machine Patria can almost meet any customer pcb request.





Photo: DanishAviationPhoto

Legacy components

Aerospace OEMs require fully qualified and certified parties for licensing and divesting their legacy products. Patria has a proven track record in transitioning of production lines. Licensors can be assured that their customers will be supported by a dedicated and flexible team.

Patria is authorized to perform repairs according to multiple C-ratings and corresponding ATA-chapters.

Certified repair station

- Global support
- Competitive turnaround times
- Operator (support) experience
- Dedicated 24/7 customer support
- Obsolescence recovery
- Engineering capabilities
- Unique capabilities within the European market
- Wide certification base



Photo: Media: Air Greenland



Exchange pool - ATR and AS350/Écureuil

For the fixed wing ATR aircraft and the rotary wing AS350/Écureuil helicopter Patria has an established exchange pool with exchange units for immediate delivery. This exchange pool is flexible and can be adjusted to the needs and future requirements of our customers. Other platforms can be added in due time.

Benefits:

- Helicopter or aircraft downtime is decreased.
- Inventory and inventory holding cost and time spent on managing repairs are minimized.
- Ideal locations for minimum logistics time being located near to Schiphol airport.
- Patria offers a range of customized stock solutions including purchase, sale and lease back and operating lease.



FOG

An innovative addition to Patria's broad expertise is the in-house manufacturing of Fiber Optic Gyros. In an efficiently equipped production facility, we have a manufacturing line for this small, palm of the hand-sized angular rate sensor which provides the turn rate of one rotational axis. The design allows for a variety of different customer setups in single or multiple axis configuration. The FOG60 model has been successfully certified for a commercial airline program and is now in series production. It's a 100% European product whereby all materials are purchased from European suppliers.



Manufacturing

Patria manufactures electronic components for helicopter and aircraft programmes for the commercial and military market. Current programmes include Fiber Optic Gyros, Frequency Indicators, Fuel Panels, Fuel Control Units and Flight Line Testers. Patria equipment is installed in various Airbus and Lockheed Martin platforms.





Defence

Patria has a proven track record regarding manufacturing and MRO services for military aircraft and helicopters. Also, the delivery of consumables is part of the service portfolio.

Supported platforms are Airbus Helicopters Super Puma/Puma/Cougar, NH90, Tiger and Lockheed Martin F-16 Fighting Falcon and C130 Hercules.

Patria offers repair management for a broad range of defence components including in-house repair capabilities for NH90 and F-16 components such as fuel probes and exciters. Manufacturing services involve design, qualification, testing, series production and support of complete Fuel Management Systems and Remote Frequency Indicators.



Parts distribution

Patria is the link for (spare) parts between manufacturers (suppliers) and customers, we source parts from OEM's with whom we have maintained long term contractual agreements. Decades of knowledge and experience in the aerospace industry guarantee optimal solutions for your part demands.

The current capability list encompasses products ranging from transceivers to life vests, from actuators to toolboxes and from oil & greases to a wide range of filters.

Patria is proud to be distributor for a number of suppliers. The key suppliers are Collins Aerospace (Rockwell Collins and Goodrich Actuation Systems), Donaldson, Heliwagon, JPC Aviation, NYCO, Red Box, Safran and Switlik. We offer also parts of other suppliers.

Certifications

Patria complies with the highest obligatory aviation standards in the industry and has been granted approvals from various aviation regulatory authorities. We are proud to be the only Dutch aerospace-related company that is triple AS-certified. We hold: AS9100/AS9110/AS9120, Part-145 EASA/FAA/TCCA/UK-CAA.



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Patria - Extreme conditions embedded.



Patria

When if is not an option.

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