# **Patria**

Components and parts for civil and military aircraft and helicopters





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,

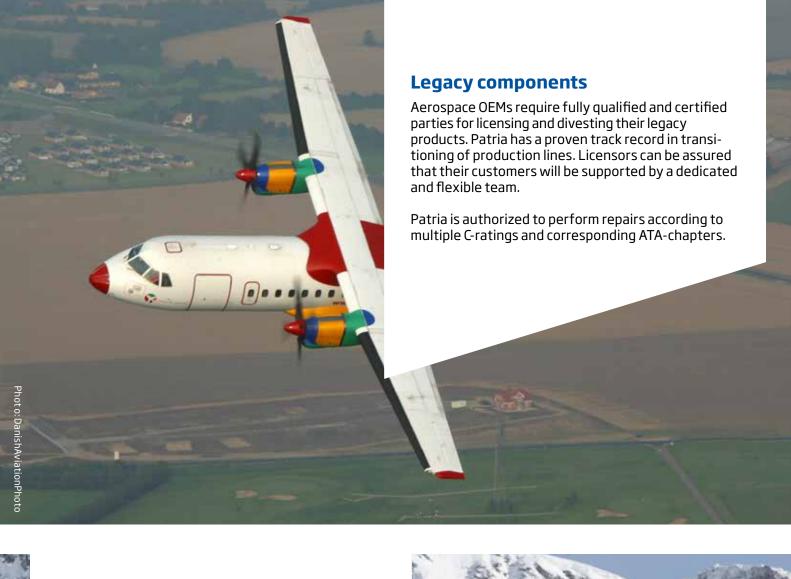
# Maintenance, repair and overhaul

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 quarantees 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.









## 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.



## **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.





