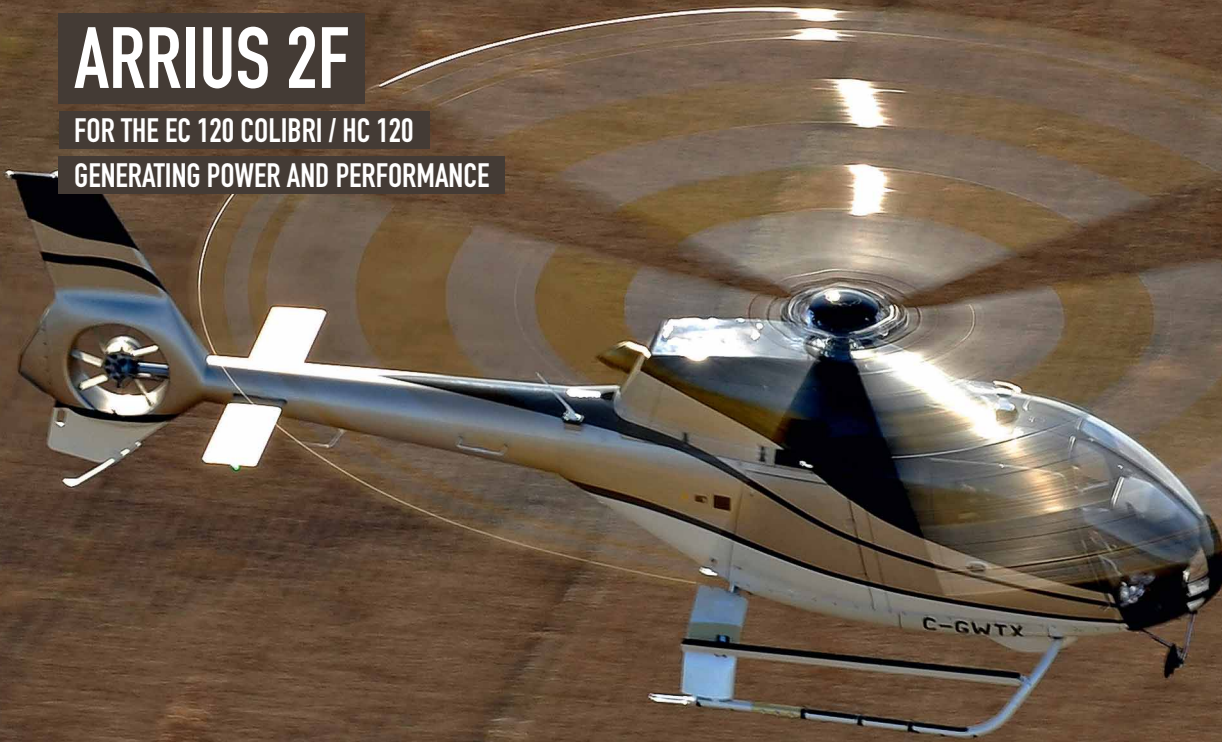


ARRIUS 2F

FOR THE EC 120 COLIBRI / HC 120

GENERATING POWER AND PERFORMANCE



The Arrius family powers light singles and light twins.

The Arrius 2F brings the latest achievements in hydro-mechanical control systems, materials and aerodynamic technologies to Eurocopter's EC 120 Colibri.

> Missions

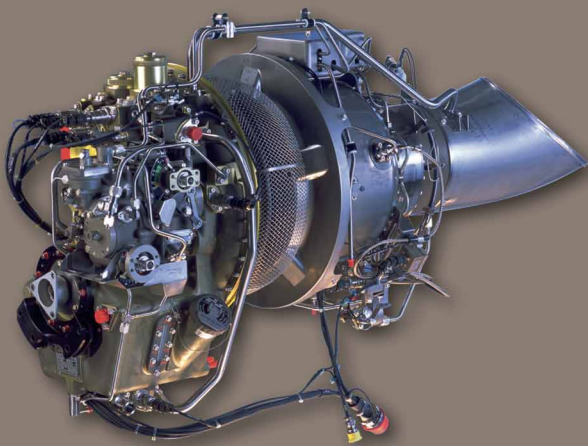
- Police, aerial work, VIP, utility, EMS.

> Simple design, easy maintenance

- Only two modules; a reduction gear box and the gas generator module.
- Wholly replaceable modules.

> Low direct maintenance costs

- TBO 3,000 hours.



The Arrius family

- > Entered service in 1983.
- > Maturity: over 5,000,000 operating hours.
- > 2,700 engines delivered.



> Helicopters:

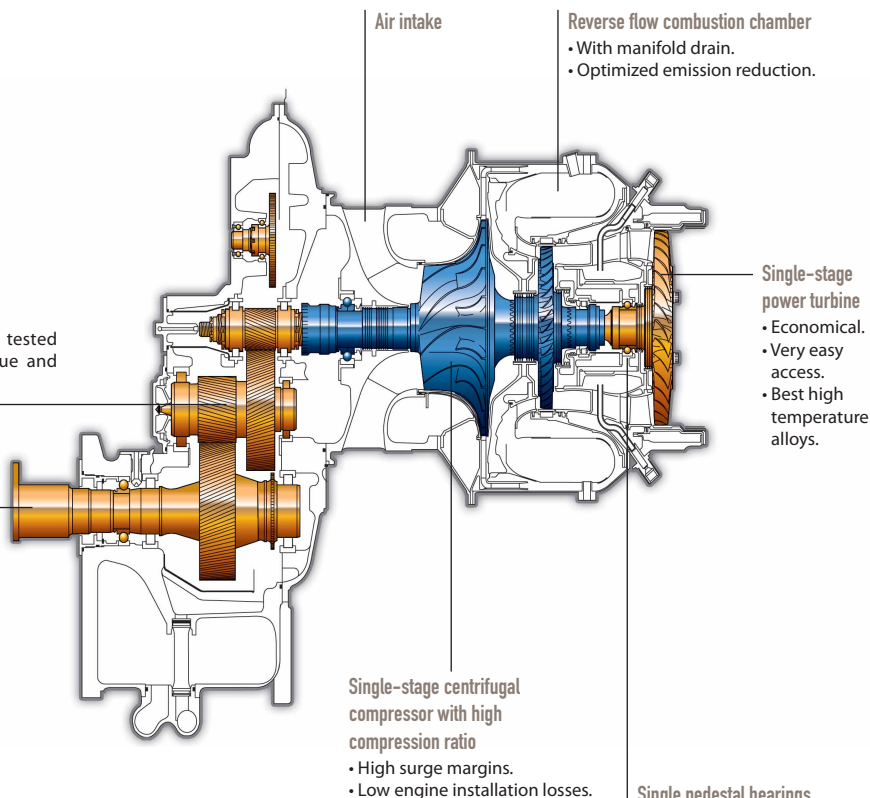


EC 120 Colibri / HC 120
powered by one Arrius 2F

Reduction gear
• Designed and tested with high torque and speed margins.

Power output shaft
• 6,000 rpm.

Maintaining close contact with Arrius 2F operators worldwide
• Turbomeca-approved Repair & Overhaul centers.
• 24/7 Turbomeca hotline.



Reverse flow combustion chamber
• With manifold drain.
• Optimized emission reduction.

Single-stage power turbine
• Economical.
• Very easy access.
• Best high temperature alloys.

Single-stage centrifugal compressor with high compression ratio
• High surge margins.
• Low engine installation losses.

Single pedestal bearings
• One generator rear bearing and one power turbine front bearing on one single pedestal = lowest oil rejection levels.

> Technical Characteristics (ISA, sea level, kW/shp):

Arrius	2F
> Application	EC 120
> Take-off	376/504
> Max. continuous	336/450

> Easy access of all LRUs for a faster maintenance.

Turbomeca is dedicated to the design, production, sale and support of gas turbines for helicopters. Turbomeca offers the world's most comprehensive range of engines, along with strong industrial cooperation associated to close-by customer services structures. Dedicated to 2,350 customers in 155 countries, Turbomeca provides a proximity service thanks to its 16 sites, 26 Maintenance Centers, 24 Repair & Overhaul Centers and 90 Field representatives and Field technicians.



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