

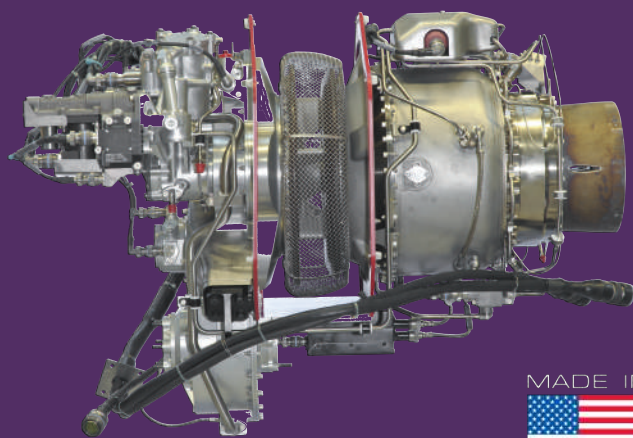
Arrius 2R

BELL 505 JET RANGER X



The Arrius 2R is the most competitive and technologically-advanced engine in its class.

The Arrius 2R delivers performance within the 450-550 shp range, while improving safety and lowering pilot workload through a Full Authority Dual-channel Engine Control (FADEC). The twin-module engine configuration is designed to keep costs of operation low. Backed by Turbomeca's commitment to excellence, the engine powers the new Bell 505 Jet Range X helicopter.



MADE IN

U. S. A.

The Arrius 2R is setting new standards:

> **Safety First**

- Dual-channel FADEC reduces pilot workload
- First engine in its class to offer such technology

> **Simple Design, Easy Maintenance**

- Easy engine access
- Interchangeable modules
- Most parts are replaceable in the field

> **Low Direct Maintenance & Operating Costs**

- Low Specific Fuel Consumption
- 3,000 hours TBO
- High cycle limit on life limited parts

> **Low Environmental Footprint**

- Clean burning
- Low NOx and noise

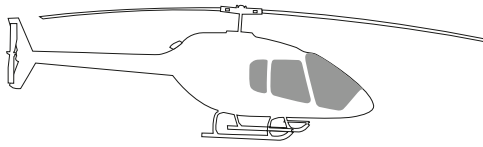
> **The Arrius Experience**

- Backed by 7.5 million flight hours
- Worldwide local support

> **Fast development schedule**

 **SAFRAN**
Turbomeca

> Helicopter:



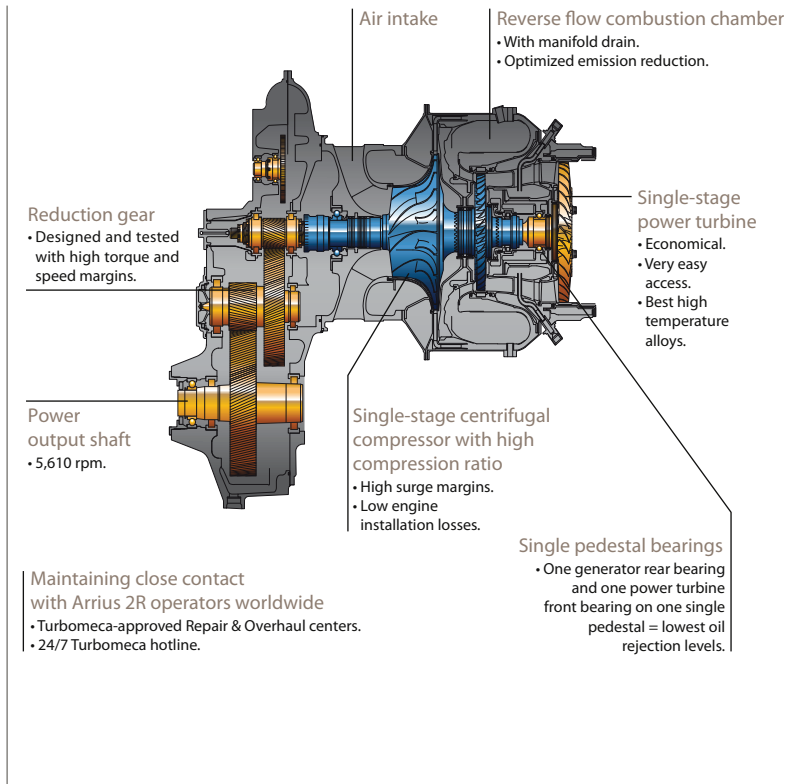
**Bell 505
Jet Ranger X**
powered by one Arrius 2R

> Multi-mission helicopter:

- Training
- Police
- VIP
- Personal Transport
- ENG
- Observation
- Utility

> Power Rating (ISA, sea level,shp/kW):

	Mechanical Limit	Thermal Limit
> Take-off	472 shp (352 kW)	504 shp (376 kW)
> Max Continuous	433 shp (323 kW)	457 shp (341 kW)



Turbomeca (Safran) is the leading helicopter engine manufacturer and, since its foundation in 1938, has produced over **72,000 turbines**. Turbomeca offers the widest range of helicopter engines in the world and has more than **2,500 customers in 155 countries**. Turbomeca has fifteen sites and operates on each continent, providing its customers with a proximity service through **39 distributors and certified maintenance centers, 16 Repair & Overhaul Centers, and 90 Field Representatives and Field Technicians**.

Turbomeca: DVA-M,Loeva MAL ACARNE & DG/COM/Frédéric JOIGNANT - Photo credit: ©BELL Helicopters - ©DR - 02/2014.

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