

ARRIEL 2B1 / 2C / 2C2

FOR THE AS 365 N3 - EC 155 B1 - EC 130 - AS 350 B3



Since its launch in 1977, 28 versions of the Arriel family have become the benchmark in their classes.

The Arriel 2 powers the AS 350 B3, EC 130, AS 365 N3, EC 155 and the US Coast Guard's HH 65 Dolphin.

Generating Power and Performance

> The Arriel 2 experience

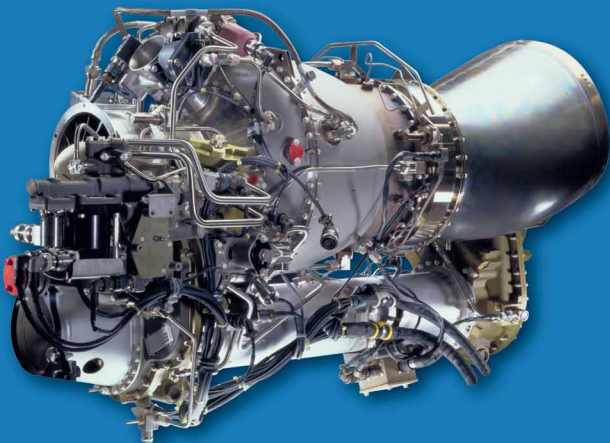
- Best weight-to-power ratio in its category.

> Missions

- EMS, SAR, Police, VIP, aerial work, corporate, off-shore liaison.

> Dual channel FADEC

- Improves overall safety, reduces pilot work load.
- Indicates operational parameters.
- Drives engine life safely to its TBO limit.
- Signals maintenance actions on cockpit display.



The Arriel family

- > 25 years of outstanding reliability.
- > 32 Million operating hours.
- > 10,000 engines delivered.



ARRIEL 2B1 / 2C / 2C2

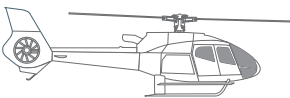
> Helicopters:



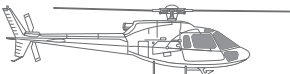
AS 365 N3 / HH 65 Dauphin
powered by two Arriel 2C / 2C2



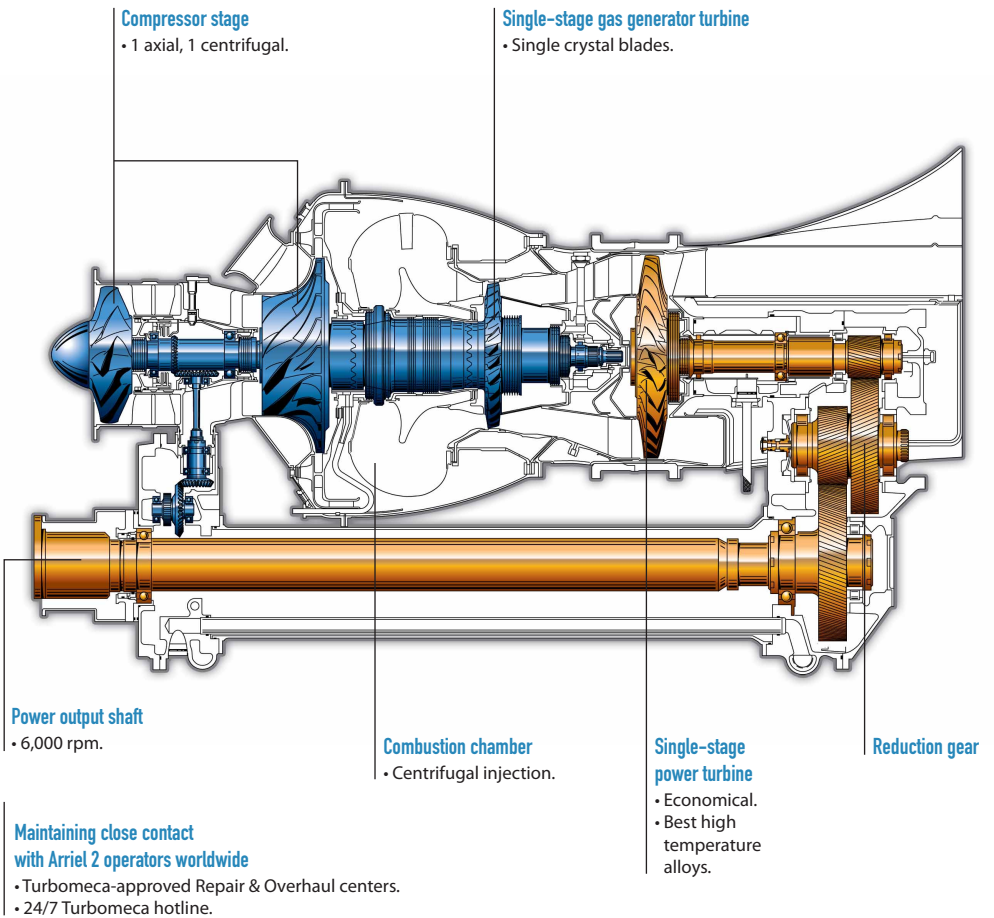
EC 155 B/B1
powered by two Arriel 2C1 / 2C2



EC 130
powered by one Arriel 2B1



AS 350 B3 Ecureuil
powered by one Arriel 2B / 2B1



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

	2B1	2C	2C2	2S1	2S2
> One Engine Inoperative (OEI)					
OEI 30 sec.	n/a	704/944	750/1006	735/986	771/1034
OEI 2 minutes	n/a	635/852	713/956	663/889	699/937
OEI continuous	n/a	610/818	640/858	639/857	659/884
> All Engines Operative (AEO)					
Take-off	557/747	531/712	612/821	601/806	601/806
Max. continuous	543/728	531/712	612/821	592/794	601/806

> Description:

- Special power ratings (OEI) can be used, without any shop visit, as long as time-usage allowance permits.
- The 2C2 variant has a special extended "30 minutes Take-Off power" to match the missions of the United States Coast Guards (Arriel 2C2CG).
- The FADEC provides a built-in "creep-life management".

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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