EASA gives green light to Arrius 2B2plus

Bordes, 13 October 2014

Turbomeca (Safran) announces EASA certification of the Arrius 2B2plus turboshaft engine.

Specifically developed to power light single and twin helicopters, the 2B2plus powers the Airbus Helicopters EC135 T3. The first delivery to a customer from Airbus Helicopters is expected in the coming weeks.

The 2B2plus is the latest member of the Arrius family, which recording 7 million flight hours and making it the most used engine family of its class on the market. In addition to its unmatched reliability, it offers a number of advantages over existing models: the engine delivers a 6% power increase in hot and high conditions compared to the previous 2B2 version, strongly contributing to the T3 ability to carry more than 200 kg extra payload at the same altitude.

A 4,000 hours TBO (Time Between Overhaul) coupled with low fuel consumption makes the 2B2plus one of the most competitive engine in its class.

Its flight profile increases the safety margin of particular missions, such as EMS missions, flown over congested areas, where a strong single-engine performance is required.

The 2B2plus has a simple and modern design that is facilitating maintenance tasks. Customers also benefit from a computerized maintenance aid that makes use of the data recorded from the Engine Electronic Control Unit.

All these benefits are granted at the same direct maintenance cost (DMC) to the previous 2B2 version. Furthermore, all current tools and parts are still good for the 2B2plus. No additional training is required.

To date, 650 customers across 75 countries have chosen the Arrius for their operations and Turbomeca has sold more than 3,000 engines of this family. This proven reliability, combined with Turbomeca’s renowned service and support capabilities, make it the best engine for critical missions.

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Turbomeca (Safran) is the leading helicopter engine manufacturer, and has produced 70,000 turbines based on its own designs since the company was founded. Offering the widest range of engines in the world and dedicated to 2,500 customers in 155 countries, Turbomeca provides a proximity service thanks to its 16 sites, 30 proximity maintenance centers, 18 Repair & Overhaul Centers, and 90 Field representatives and Field technicians. Microturbo, the subsidiary of Turbomeca, is the European leader in turbojet engines for missiles, drones and auxiliary power units.


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