Turbomeca highlights 2015 achievements and commitments

Turbomeca (Safran) will showcase some of its engine solutions for the helicopter market at Helitech International in London, 6 - 8 October 2015. Three engine mockups – Arrius 2R, RTM 322 and Makila – will be featured on the Safran booth (E60).

During this major event in the rotorcraft calendar, Turbomeca will also highlight its achievements during 2015.

In March, the Arrano was exclusively selected to power the new Airbus Helicopters H160. The following month, the first suite of engines was delivered for use in the ground test program and the first flightworthy example will be dispatched in the coming weeks. First flight is scheduled for the beginning of next year and entry-into-service in 2018. Certification of the Arrano will meet that timetable.

By the end of the year, Turbomeca will start ground tests of the TECH3000. This full-scale technological demonstrator will be at the core of a new family of engines in the 3,000 shp range designed to meet requirements of the new-generation ten ton-plus helicopter market. TECH3000 will enable Turbomeca to validate the design and basic performance figures of such high-power engines capable of delivering 25% better fuel economy compared to the state-of-the-art engines available today on this segment.

Turbomeca is also moving towards Arrius 2R certification by end of 2015. Selected to power the Bell 505 Jet Ranger X, the Arrius 2R is the only turbine in the 500 shp range to feature a dual-channel FADEC.

The first production engine was delivered to Bell Helicopter on schedule in August. The handover took place at the new B505 assembly center in Lafayette, Louisiana and marked a major step in the Arrius 2R program. It confirmed Turbomeca’s commitment to delivering best-in-class engine solutions to the customer on time.

In 2015, Turbomeca is also celebrating an achievement: a total of 100 million hours flown by its engines. Somewhere in the world, a Turbomeca-powered helicopter takes off every nine seconds, all day every day.

Helitech also offers Turbomeca the opportunity to highlight its presence in UK. Turbomeca UK supports 900 engines flying here. With 400 of this total in service, the Ministry of Defence is the major local operator, followed by Bristow and Babcock. All of them are supported by the Turbomeca UK (TMUK), a subsidiary located in the south of England in Fareham, Hampshire.

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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 15 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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