Turbomeca at Airshow China: high performance engines tailored to Chinese market

Airshow China, Zhu hai, 10 November 2014

Turbomeca (Safran) is showcasing its innovative products for helicopter market at Airshow China 2014, from 11th to 16th November 2014. Two mockups will be featured at the Safran booth (Hall 1, D3-6): Ardiden 3C and Arrius 2 turboshaft engines.

Developed in 50/50 partnership with Avic Engine, Ardiden 3C was ground tested for the first time in Bordes (France) in November 2013. Named WZ16 in China, the 1,700 shaft horsepower class Ardiden 3C belongs to the Ardiden 3 engine family, dedicated to the 6 to 8 ton helicopter segment. Ardiden 3C/WZ16 has been selected to power Avicopter AC352, jointly developed with Airbus Helicopters.

The Ardiden 3C/WZ16 program is the result of a strong and long lasting cooperation between Turbomeca and Avic. Through this partnership, operators and aircraft manufacturers will benefit from the know-how and experience of two key players in the field of aircraft propulsion.
Arrius 2 is one of Turbomeca’s best-selling engine families with over 3000 units delivered worldwide, logging around 6.6 Million flight hours. This 450 to 750 shaft horsepower engine family exhibits a robust design, with two main modules, and a new generation dual-channel FADEC system (Full Authority Digital Engine Control). Arrius 2 is one of the best engines in its class for single and twin engine helicopters. Recently, it has been selected by Bell Helicopter to power the Bell 505 Jet Ranger X.

In September 2013, Turbomeca also strengthened its proximity support in China, by opening a new technical support center in Tianjin, dedicated to the Arrius, Arriel and Makila engines operated in the area.

Turbomeca has an established presence in China with over 500 engines in operation in the country, and 40 years of cooperation with the Chinese industry. One Chinese-registered helicopter out of two is equipped with Turbomeca engines or licensed products.

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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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