

Thales has begun the flight test campaign for the FlytX avionics suite

The latest generation FlytX avionics suite made its first test flight on board a Cabri helicopter this summer. The test campaign will continue until 2022 to test and optimise the suite's functionality.

Adaptable to all segments of the helicopter market for both new programs (linefit) and retrofit projects, FlytX is available in a cockpit equipped with one to four screens. The Thales avionics suite has already been selected by Airbus Helicopters and the French Defence Procurement Agency (DGA) to equip the Guépard, the future light joint helicopter, as well as by VR-Technologies for the future single-turbine light helicopter, VRT500.

Thales pilots and engineers are capitalising on the flight tests of the single-screen version of FlytX in order to make short-loop adjustments to improve the performance and maturity of the system before its integration on these first customer programmes. The VRT500 flight tests scheduled for early 2022 will benefit from the progress made following these flights on Cabri.

The result of more than ten years of research, FlytX has been designed to improve the operational efficiency of the crew by reducing their workload and facilitating their understanding of the environment and the situation. It features a crew-centric design, is natively connected and cyber-secure, and promotes cooperation with other actors in the aviation ecosystem. It is compact and offers a 40% reduction in weight, size and energy consumption compared to current avionics suites.

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