



Paris Air Show, June 2015

HIGH-TECH MILITARY AIRCRAFT

We outfit countries that want to deploy a world-class air force and protect their national independence.

Rafale, an omnirole fighter suited to all theaters of operation

The Rafale was designed from the ground up to handle all missions previously assigned to seven different types of aircraft. Its design facilitates the incorporation of upgrades to maintain its operational edge. Building on feedback from the latest foreign deployments, French armed forces have now validated the development of the latest F-3R standard, which further bolsters the unrivaled versatility of the Rafale. Qualification of this new standard is expected in mid-2018, with commissioning in early 2019. The modernization of the naval Rafale F1 reflects the same commitment to adapting the aircraft to evolving conflict situations. The first of ten retrofitted aircraft was delivered in October 2013. At December 31, 2014, a total of 137 Rafales had been delivered, logging 140,000 flight-hours, including 20,000 during missions: from 2007 to 2013 in Afghanistan, in Libya in 2011, Mali since 2013 and Iraq since 2014. The dispatch reliability, versatility and effectiveness of Rafale fighters in these operations helped convince Egypt and Qatar to place orders with Dassault Aviation for 24 Rafales each, in February and May 2015, respectively.

Falcon 2000 MRA: a new maritime patrol jet

The Falcon 2000 MRA is designed for a broad range of missions: piracy, trafficking and pollution control, fishery monitoring, maritime search and rescue, intelligence, etc. It offers the best combination of size, payload, speed, range and cost of ownership, all based on a highly capable and cost-effective airframe.



Drones, gearing up for the future

The new European combat drone, nEUROn, won a prestigious Aviation Week & Space Technology Laureate Award last year in the defense category, recognizing the technological challenges met and the state-of-the-art industrial solutions applied. Flight tests started in December 2012 and continued in 2014-15. The 100th nEUROn test flight was the culmination of the successful test campaign in France, including opening the flight envelope, providing a 100% stealth configuration, and stealth demonstration flights against real air-to-air and ground-to-air weapons including both radar and infrared detectability. The technologies employed on this program provide a benchmark for tomorrow's highly stealthy vehicles. The nEUROn has shown remarkable performance, confirming our ability to manage a joint European program, on time and to budget.

Another landmark program is the Future Combat Air System (FCAS), for an advanced unmanned combat air vehicle (UCAV) and associated technologies (including for manned aircraft) that will complement the military aircraft now in service.

On November 5, 2014, the French and British governments awarded the contract for a feasibility study to prepare for this program to an industrial consortium led by Dassault Aviation and BAE Systems.

The MALE 2020 observation drone project is being coordinated by Dassault Aviation, Airbus Defence and Space and Finmeccanica.

The French, German and Italian governments have launched the definition phase for a project that meets the needs of the three countries.

Combat aircraft Incorporate

17

of the 22 most strategic
technologies in the world

500

companies are partners
in the Rafale program