

RAFALE INTERNATIONAL LIMA'19 PARTICIPATION FOCUSED ON INNOVATION AND TECHNOLOGY (RAFALE IMMERSIVE COCKPIT SHOWCASED FOR THE FIRST TIME)

Langkawi, 22 March 2019 – For the LIMA'19 edition to be held at Langkawi from March 26 to 30, Rafale International will showcase for the first time the Rafale immersive cockpit demonstrator.

This Rafale immersive cockpit experience simulates a multirole mission demonstrating the aircraft capabilities through an anti-ship strike mission at very low level followed by a collaborative air-to-air engagement.

This advanced virtual reality presentation gets closer to the real cockpit and hands on throttle and stick, gives the impression to be flying the Rafale for an operational mission in combat environment.

To carry on with the interactive participation of the visitors, the RAFALE INSIDE demonstration, real 3D virtual reality animation which allows to discover the virtual Rafale mockup and its systems, as well as the RAFALE TOUCH which presents the operational capabilities of the aircraft, will be showcased as well.

Also displayed on the Rafale International booth, a scale 1:5 Rafale mock up to emphasize both the power and operational flexibility of the aircraft that can be used simultaneously for air-combat and deep strike mission during the same sortie, making the Rafale a true asset of sovereignty. The Twin-Seater Rafale B variant scale 1:10 mock up and the Navy variant, Rafale M scale 1:10 mockup both present on the stall will further illustrate the “Omnirole” capacity of the Rafale designed from the start to match all needs.

For a focus on the highly performing Rafale engines which offer unmatched survivability and robustness, and on the Rafale AESA (active electronically scanned array) radar which brings superior detection and tracking ranges on a “track while search” approach, a mockup of Safran Aircraft Engines M88 Rafale engines, as well as a mockup of the Thales RBE2 Rafale radar will complete the exhibition.

Rafale International said, “We are delighted to be back in Malaysia for LIMA with this innovative demo displayed for the first time out of our design office and hope that our



Malaysian partners in the tertiary institution in areas of research and high technology development, as well as the others, will enjoy. This exhibition offers the opportunity to Rafale International to strengthen existing and future ties while reaffirming our commitment to Malaysia.”

The Rafale has been proposed to the Government of Malaysia in the frame of the Multirole Combat Aircraft Program (MRCA) tender issued in 2011. It is designed and produced by a joint venture comprising aerospace leaders Dassault Aviation, Safran and Thales representing all together around 180.000 employees around the world. All three companies are collaborating with Malaysian partners among which are local industry players, organisations and institutions.

Visitors can view and learn more about the Rafale in LIMA '19 on booth HB405.

About Rafale

Designed to be the sole combat aircraft within French Air Force and Navy, extremely powerful, highly agile, and very discrete, fitted with awesome weapon load which can be simultaneously used for air-combat and surface-attacks during the same mission, Rafale demonstrates a unique "omnirole" capability combined to an accurate tactical situation awareness.

Able to carry heavy payload at very long range, Rafale is perfectly suited to perform all types of air-to-air, air-to-ground, attack at sea, and recce and deterrence missions.

Integrating a smart suite of active / passive sensors, including AESA radar, integrated optronics and EW systems, data-link, and using a unique multi-sensor data-fusion concept, Rafale is fully mature. Being operated by the French armed forces in combat operations for more than a decade now and, Rafale has proven its operational excellence in various theatres around the world.

With twin-engine configuration, digital terrain following system, associated to stealth design, Rafale provides a high level of survivability.

Land or carrier based, requiring only a reduced logistical footprint, Rafale is suitable for all types of engagement, in coalitions or in full autonomy.

Thanks to already available growth potential, Rafale is also fully adaptable to any future needs.

Since 2015, Egypt, Qatar and India have signed acquisition contracts for respectively 24, 36 and 36 RAFALE aircraft.

About Rafale International

Rafale International is a Joint-venture (G.I.E Groupement d'Intérêt Economique) set up by Dassault Aviation, Thales and Safran Aircraft Engines to promote the Rafale fighter aircraft to international customers.

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