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F-35, Strategic Awareness and Information Superiority



The Amendola (FG) Air Force Base and Italian Air Force's 32nd Stormo (Wing), are today a true technology pole, where concept as digitization, computing capability, connectivity and data link (as well as Artificial Intelligence, Virtual Reality and Cybersecurity) overwhelmingly became part of the standard operational activity. The 32nd Stormo is now offering to Italy two valuable capabilities: the first one is represented by the APRs (Aerei a Pilotaggio Remoto: Remotely Piloted Aircraft), and the second one is represented by the F-35s, the first 5th generation combat aircraft.

Autonomous Weapon Systems



In recent years, often they were discussions about the autonomous weapon systems, i.e. systems able to autonomously select the targets to be attacked. Since 2013, some concerns arose related to the development of these weapon systems, as a possible infringement of human rights and ethical rules; concerns spreading over the UN Convention on Conventional Armaments. Within that Convention, an effort was carried out to regulate and possibly to ban the development and use of such an armament type. The article presents the position of the different countries on these new rules and their implications.

The ejection seat technology

When a serious failure or a fatal damage occurs in combat, and the pilot is forced to leave the aircraft, his life is entrusted to the ejection seat. The technological evolution of this sophisticated live-saving system: from the first attempts to the last generation seats.



The French special forces in the Sahel

The Task Force SABRE, the largest ever deployed by the French Special Forces, is committed in countering the jihadist groups in the Sahara-Sahel area.



IDEX 2019



A report from the IDEX exhibition held in Abu Dhabi on last February, 17th-21st, representing one of the key events in the Defence sector: all the news, the focus on the local and international exhibitors attending the event, as well as the substantial Italian presence.