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SITDEF 2015 Official Online Show Daily News and Web TV International Defence Technology Exhibition & Prevention of Natural Disasters 14 -17 May 2015, Lima, Peru

ECA Group at SITDEF 2015

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ECA Group displays field proven solution for ISTAR missions: the IT180-3EL-I mini-UAS

ECA Group is renowned for its expertise in robotics, automated systems, simulation and industrial processes. Its products are used by a demanding international clientele requiring the highest levels of safety and efficiency, mainly in the sectors of defence, maritime, aerospace, simulation, energy and industrial equipment. At SITDEF 2015, ECA chose to highlight its famous IT180-3EL-I, a mini-UAS dedicated to ISTAR missions.



ECA Group's booth at SITDEF 2015 in Lima, Peru

ECA's IT180-3EL-I is a mini ISTAR VTOL UAS dedicated to Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) missions. This product is based on IT180-3ELE and can be equipped with several payloads such as a gyro stabilized EO/IR camera and many others.

IT180-3ELE is a mini VTOL UAV propelled by a brushless electrical engine powered with 2 state of the art Lithium Polymer batteries. Thanks to its unique patented contra rotating structure IT180- 3ELE can stay stable and reliable in any weather conditions (rain, snow, heat, wind) making it one of the most resilient UAV.

Able to fly up to 50 minutes with a 3 kg payload fastened on the bottom and/or on the top, IT180-3ELE is a market reference for performance in the electrical mini UAV category.



ECA's IT180-3EL-I mini-Unmanned Aerial System showcased at SITDEF 2015

Able to provide geolocation capability for target acquisitions, the IT-180-3EL-I is very quick to deploy (less than 6 minutes) and easy to operate with only one operator thanks to the Ground Control Station.

Ground Control Station (GCS) of the IT180-3EL-I features a ruggedized PC with touchscreen, Intuitive interface, Point-and-click touchscreen navigation, and Dynamic flight plans including scouting mode. The Data Link Terminal (DLT) can comprise enhanced data and video link security with encryption, frequency selected upon customer requirements, and can perform long range operation with antenna tracking.

Its resilience and stealthiness give key advantages for full spectrum of ISTAR operations. Providing enhanced situational awareness, the IT180-3EL-I is used by French army since 2012.