

REMOTELY PILOTED AIRCRAFT SYSTEMS: THE FUTURE OF AVIATION*

Marcella Lamon

PhD Student in Navigation Law
Law Department, University of Sassari

ABSTRACT

Drones, one of the most advanced achievement in technological progress, can be seen as the future in aviation. Created essentially for military purposes, over the past decades drones also conquered the civil aviation sector, being used in various settings. During covid-19 epidemic peak, drones served as a powerful tool for containment activity. As of December 31st, 2020, thanks to the applicability of technical regulations adopted by the European Union Aviation Safety Agency (EASA) into the legal order of each EU Member State, the uniformity of the legal framework on UAS all around the European Union was achieved. It is quite clear that drones are going to usher in a new age of aviation.

Keywords: UAS, evolution of the legal framework, EU regulations on civil drones, operation centric approach, U-Space.

SUMMARY: I. SUPPORT GIVEN BY REMOTELY PILOTED AIRCRAFTS DURING THE PANDEMIC CRISIS.— II. UNMANNED AIRCRAFT SYSTEMS (UAS): EVOLUTION OF THE LEGAL FRAMEWORK.—III. FINAL APPLICATION OF EASA REGULATIONS ON CIVIL DRONES AND THE NEW ENAC UAS-IT REGULATION OF JANUARY 4, 2021: NEW DEVELOPMENTS.—IV. BIBLIOGRAPHY CITED.

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