

# Aeromax

## Integral drone training

**A**eromax is an E-ATO-104 school that teaches theoretical and practical courses integrally with its staff, all approved by AESA, without intermediaries and with very competitive prices. So far he has trained more than 500 RPA pilots.

If there is a business for the future, they are drones, companies need professionals to pilot them. Under this premise, Aeromax, a specialist in the aeronautical sector training pilots, has created this course according to the framework of the new regulations, to train students in the emerging sector of drones.



Among the objectives of the course is to obtain the corresponding theoretical knowledge and certifications by an

organization approved for training and comply with the requirements required by Royal Decree Law 8/2014 to be able to pilot an unmanned aircraft under 25 kg.

Aeromax has extensive experience in the corresponding areas to create your company (legal, management, finance, social security, commercial registration, etc.). It helps you create and set up your turnkey business, to start your business by winning: drone pilot course + operator and safety manuals + equipment advice + business structure, all for the best price. ●

# Aracnóptero

## Deep inspection of wind turbine blades

**W**ind turbine blades are sophisticated design elements that present complex curvatures. Based on multilayer structures of variable thickness, they are constructed in the form of composite. These elements are designed to operate a minimum of 20 years. However, in practice, difficulties arise: The blades are subject to wear, impacts of particles carried by the wind and sometimes strong tensions and torsions. This causes a complex series of very variable defects. The sudden appearance of catastrophic damage to the blades is not frequent, although when they take place, they are very burdensome. Its analysis is a discipline that requires great experience and deep knowledge. The maintenance of wind turbine blades is a necessary practice to guarantee its correct operation throughout the established useful life period.



In 2010 the Spanish company Arborea Intellbird, currently owned by Iberdrola and CDTI, created a specific SARP for wind turbine blades inspection, being a pioneer worldwide. The system was developed from the Arachnopter platform, whose design began in 2008. In 2012 the SARP Arachnopter EOL6, already a mature product, was presented with remarkable success at the largest fair in the wind sector, the Husum Wind Energy in the North of Germany. Currently, with more than six years of experience, Arborea has implemented its technology internationally in Iberdrola and other large companies in the wind industry, certifying the defectology of the blades through very precise technical reports.

The main advantages of this Spanish technology lie in its ability to generate complete blade mappings in various spectra, measuring and positioning damage accurately, even those not visible externally, thanks to multispectral sensors and artificial vision for automated processes. ●

[Link to original](#) (Spanish)