

# EV001-S570

ENAC Certificate Ref. N°5332

## INDUSTRIAL APPLICATIONS

- Aerial Photogrammetry
- Industrial plants and pipelines monitoring
- Photovoltaic systems monitoring

## ECO & BUILDINGS

- Energy dissipation and losses monitoring
- Digital models reconstructions
- Facilities monitoring

## ENVIRONMENTAL APPLICATIONS

- Air quality monitoring
- Thermographic landfills surveys
- Asbestos surfaces classification
- Polluting spills identification

## AGRICULTURE

- Multispectral surveys

## SAFETY

- Critical infrastructures supervision

## RESEARCH & DEVELOPMENT

- Research institutes
- Universities

## PAYLOAD OPTIONS

- Photo/Video cameras
- Thermal camera
- Radiometric thermal camera
- Multispectral
- Hyper spectral
- Air quality

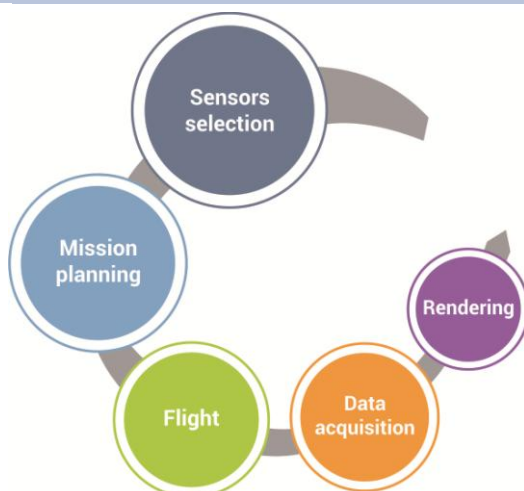


## TECHNICAL SPECIFICATIONS

- |                               |                       |
|-------------------------------|-----------------------|
| ▪ Type                        | ▪ Multicopter         |
| ▪ Rotor distance              | ▪ 600 mm              |
| ▪ Maximum take-off weight     | ▪ 2,550 Kg            |
| ▪ Maximum payload             | ▪ 0,600 Kg            |
| ▪ Motor type                  | ▪ Brushless           |
| ▪ On-board batteries          | ▪ LiPo battery        |
| ▪ Structure                   | ▪ Composite materials |
| ▪ Maximum speed (75% limited) | ▪ 6 m/s               |
| ▪ Endurance                   | ▪ Up to 18 min        |

## TECHNICAL BENEFITS

- Good in-flight efficiency reducing mission execution times
- Good payload capacities
- High precision during mission's execution.
- Stabilized and controlled flight.
- Flying space control.



**S570** is a Remotely Piloted Aerial Vehicle (RPAS) with VTOL characteristics (Vertical Take-Off and Landing); with 4 electrical motors. Can load up to 0,600Kg with a maximum take-off weight (payload included) of 2,550Kg.

**S570** can flies automatically following a planned route on both vertical and horizontal planes and, it can be manually controlled via a remote controller.

**S570** is designed to comply with all regulations of civil aviation authorities of several countries. **S570** can be used for critical specialized operations.