

EV002-FC40

ENAC Certificate Ref. N°5334

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

- 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

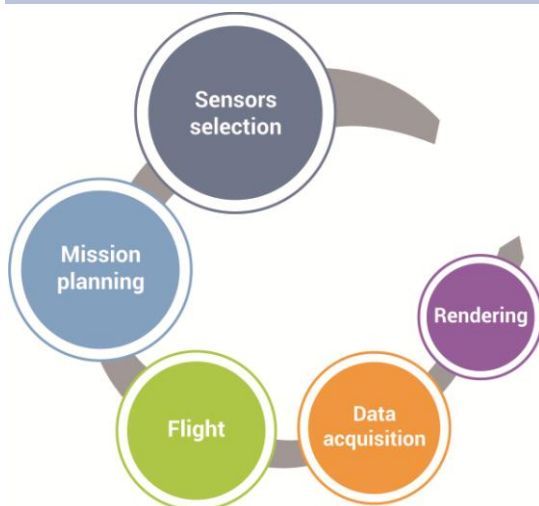


TECHNICAL SPECIFICATIONS

- | | |
|-------------------------------|------------------|
| ▪ Type | ▪ Multicopter |
| ▪ Rotor distance | ▪ 400 mm |
| ▪ Maximum take-off weight | ▪ 1,200 Kg |
| ▪ Maximum payload | ▪ 0,600 Kg |
| ▪ Motor type | ▪ Brushless |
| ▪ On-board batteries | ▪ LiPo Battery |
| ▪ Structure | ▪ Polymers shell |
| ▪ Maximum speed (75% limited) | ▪ 10 m/s |
| ▪ Endurance | ▪ Up to 15 min |

TECHNICAL BENEFITS

- Good maneuverability; which gives optimum performances in
- High payload capacities
- High precision during mission's execution.
- Stabilized and controlled flight.
- Flying space control.



FC40 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 1,200Kg.

FC40 can flies automatically following a planned route on both vertical and horizontal planes and, it can be manually controlled via a remote controller.

FC40 is designed to comply with all regulations of civil aviation authorities of several countries.