

We DEVELOP

SMART INSPECTION DRONES

10x faster and traceable GVIs enabling efficient and state-of-the-art maintenance management

Two steps integrated solution: drone for image acquisition and software for defect characterization, localization and sizing.

Benefits

Efficiency

- 10 times faster visual inspection: 1 zone in only 1 hour and damage assessment in only 12 minutes.
- Avoid bottlenecks due to lightning strikes.
- Improve operational capacities thanks to autonomous inspection.
- Fully autonomous flight with no pilot required.

Flexibility

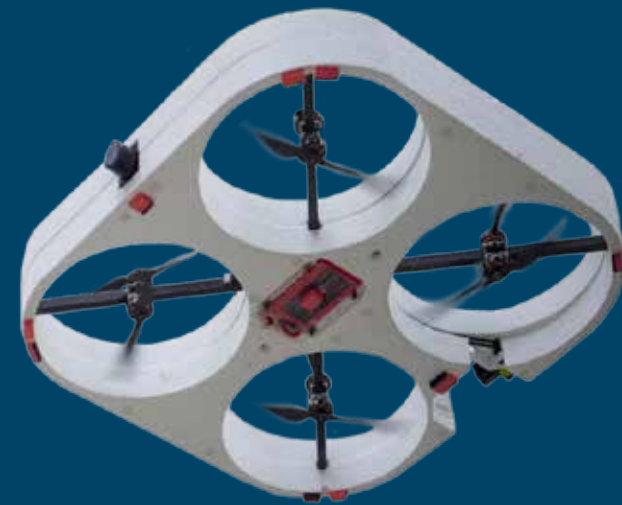
- Share reports with cloud accessible GVI data.

Traceability

- Follow-up every "on-limits" damages.
- Record the position on every found damage.
- Ensure report quality by following the system's guidance.

Reliability

- Avoid risk of collision thanks to accurate flight plan.
- Keep safety with the fail-proof review process.



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Features

- Autonomous flight: no pilot required
- HD image acquisition
- Fail-proof discrepancies review software
- Guided image analysis
- Remote assessment and characterization
- Cloud accessible data
- Aircraft-localized data
- Guided reporting
- Easy to use interface

Technical specifications

Length (front to aft): 865 mm (including foam)

Width (left to right): 805 mm (including foam)

Height: 196 mm (including foam)

Battery type: LiPo – 7000mAh

Total weight: 3990g

Maximum flight time: 15 mn

Connectivity: WiFi 802.11ac with WPA2-PSK encryption

Camera resolution: 12Mp

Camera type: CMOS global shutter

Pitch mechanical travel: +/- 140°

Roll mechanical travel: +/- 45°