

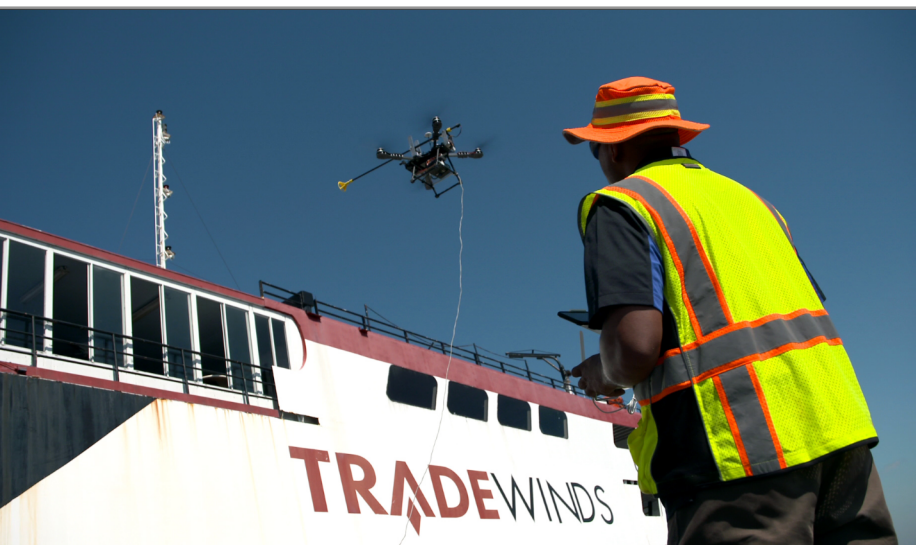
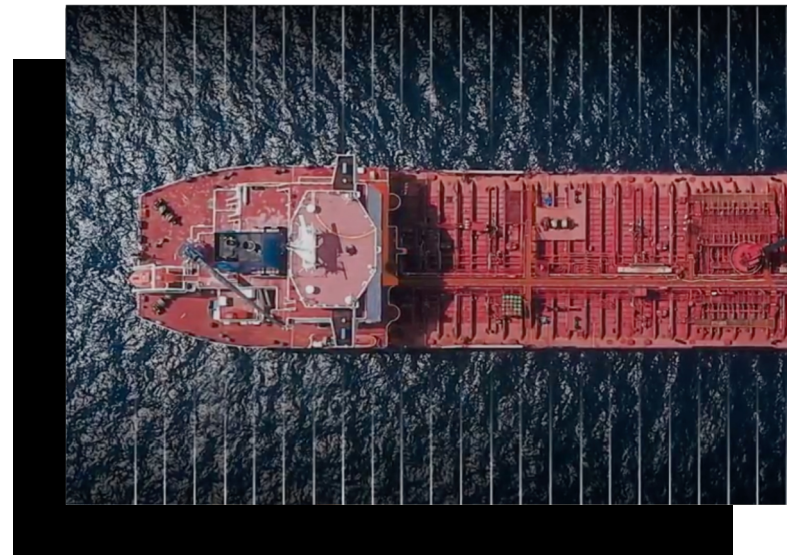


Aerial Dry Film Thickness Robot

Autonomous drone for performing safe, reliable, and cost-effective dry film thickness measurements

SPECIFICATIONS

- Performs 100 DFT readings per hour, at multiple measurement sites
- User interface displays real time measurement values
- Data records are exported to user as a text-based .csv file
- Performs measurements pursuant to SSPC-PA 2, ASTM D 7091, IMO PSPC and others
- Reaches vertical locations up to 100 m (300 ft) above ground level
- Capable of all day flight via tethered ground power (no battery changes)
- Configurable to operate in battery mode
- Operable in winds up to 12 knots (13 mph)
- Dramatically reduces requirements for scaffolding, lifts, and fall protection equipment



WHAT IS AUTONOMOUS FLIGHT?

The pilot simply positions the aircraft near the inspection target and selects the START button on the user interface. The onboard computer then takes over, performing all flight control and testing before returning to a safe zone to await further instructions.

STANDARD DEVICE SPECIFICATIONS

Device and probe can be configured with alternate equipment to achieve desired specification requirements

Base Material	Coating Material	Measurement Range	Accuracy **
Ferrous Metal	electrically non-conductive and non-ferrous coatings*	0 – 60 mils, (0 – 1500 µm)	± (0.05 mils + 1%) 0 – 2 mils ± (0.1 mils + 1%) > 2 mils

Device Model: Fischer DeFelsko PosiTector 6000

*Such as: paint, zinc, chromium, copper, varnish, vulcanized rubber, or plastic

**Accuracies are stated as a fixed value plus a percentage of the gauge's actual reading

SAFETY Keeping employees off cranes, scaffolding, and ropes.

Safety is the fundamental driver for all work performed at Apellix. By removing workers from dangerous heights, Apellix is engineering a safer occupational environment for the inspections industry. Safety considerations have been extensively evaluated and addressed to ensure our technology can be operated without incident. All Apellix drones have been equipped with a diverse platform of safety features to reduce risk and deliver the safest technology for your inspection requirements.

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