

Innovative Aviation Services

For the most challenging projects, we go above
and beyond, like a(n) (Aero)King.

Challenging the Status Quo of Aircraft Downtime & Inspection

We are an **Innovative Aviation Services** provider, **not a traditional MRO company**. Our mission is to **save valuable time** for airlines, airports, and MROs by maximizing aircraft uptime with a new level of efficiency on the apron.

Certification

AS9120B

Based on and including
ISO 9001:2015



Services

– Jet Engine Cooling Services

Partnering w/ FCS Finland

Problem:

Traditional engine cooling methods like dry motoring are slow and costly, leading to significant aircraft downtime, increased engine wear, noise pollution, and unnecessary safety risks for ground personnel.

Solution:

The AFC-23 Hybrid cools engines in minutes, not hours. By using vacuum heat extraction, it eliminates lengthy and costly dry motoring.

\$3M Calculated savings over 3 years for one Middle Eastern airline.

– Aircraft Drone Inspection Services

Partnering w/ Mainblades

Problem:

Visual inspections are time-consuming, prone to human error, and pose safety risks. Our automated solution is up to 10 times faster, providing more accurate and consistent results.

Solution:

Autonomous drones perform high-accuracy visual inspections, from GVI to lightning strike checks. An AI-powered cloud platform analyzes images, reducing human error and creating a full digital audit trail.

Inspection takes **45 minutes** for a narrowbody / **3 hours** for a widebody.

– Dent-Mapping Services

Partnering w/ 8-tree

Problem:

Current damage assessment relies on manual, subjective tools. This leads to inconsistent data, slow reporting, and no objective, digital record for long-term analysis and trend monitoring.

Solution:

The handheld DentCHECK 3a provides objective, repeatable, and quantifiable 3D data of any surface damage in seconds, replacing subjective manual methods with digital precision.

- Unmatched Efficiency

Drastically reduce aircraft turnaround times, a critical KPI for ground handling operations.

- Enhanced Safety

Eliminate risks associated with traditional maintenance methods for a safer working environment.

- Data-Driven Excellence

Get a full digital record of all inspections, improving compliance and transparency.

- Sustainability

Contribute to environmental goals by reducing engine emissions and fuel burn from dry motoring.

One Stop Solution Provider

Cool, Inspect, Map & Clear

- 1

Aircraft Arrival

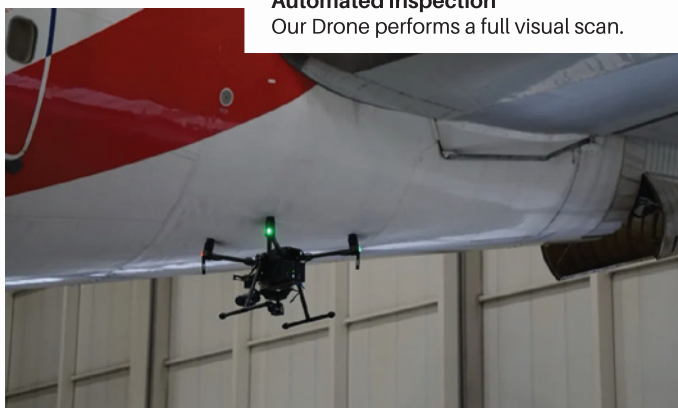
Our unit attached for rapid engine cooling.



- 2

Automated Inspection

Our Drone performs a full visual scan.



- 4

Aircraft Cleared

Tasks completed in a fraction of the time with full digital records.



- 3

Precise Mapping

If damage is found, We provide instant 3D data.

