

rizse



In 2021 alone, air travel maintenance related issues caused **51,000** flight delays and **70,000** cancellations, costing airlines and passengers **\$81+ billion** dollars.





Inspections are **frequent** and need an **expensive** labor force, yet the industry is failing to keep up with the demand.

**9,200**

The forecasted US yearly average of inspections

**21,000**

Extra unplanned inspections per year

**20 - 200**

Hours needed to complete an Inspection

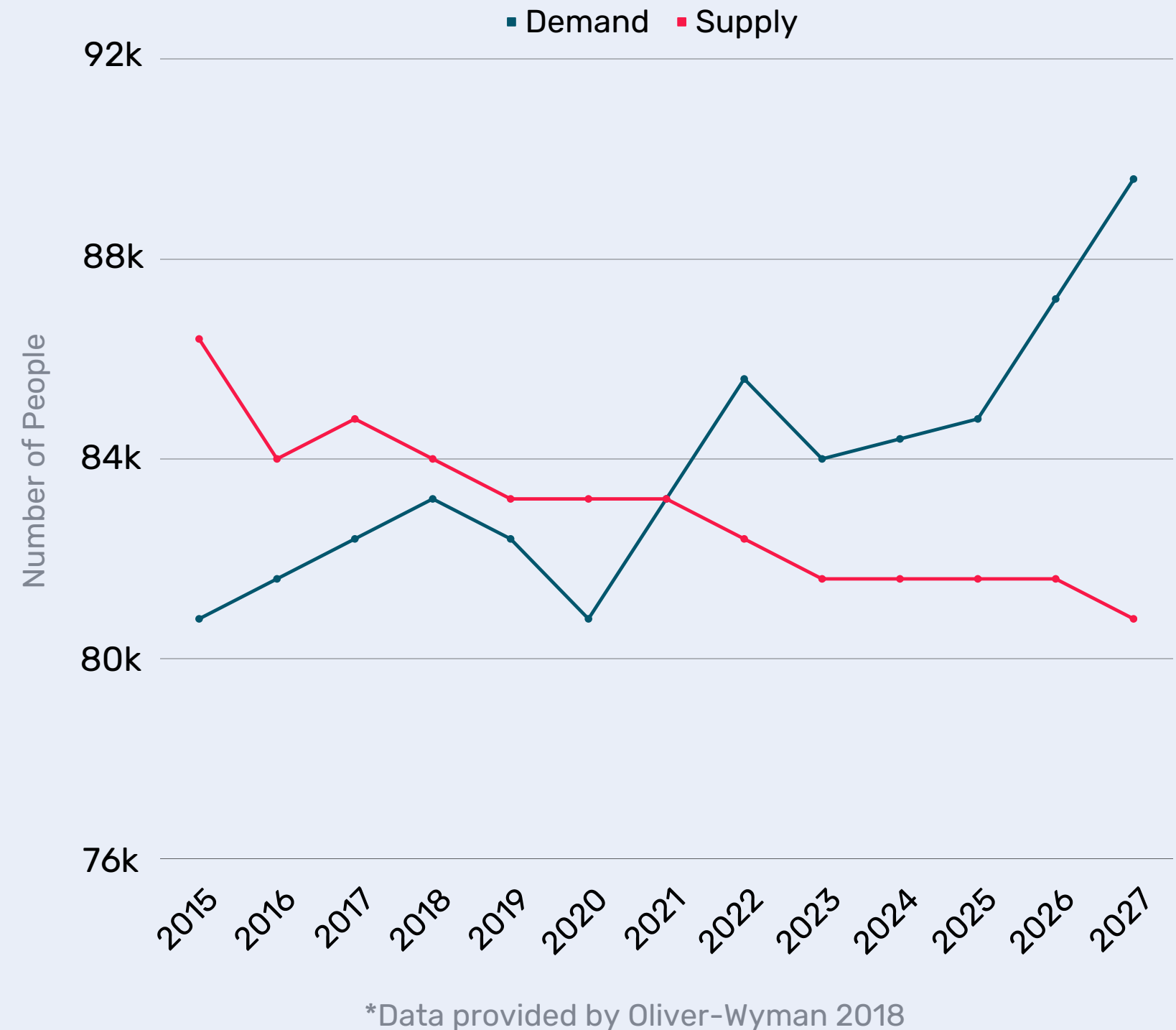
**4**

Human inspectors needed to inspect 1 aircraft

Airlines pay **\$500,000** in annual labor for an aircraft inspection team, about **65k+** a year per mechanic.

The industry annual spend for training an A&P mechanic is **\$4.6 billion**.

Despite the increasing need, the A&P industry is losing around **12,000 mechanics a year**. More A&P mechanics are retiring than are entering the industry, leading to a major deficit.





Aircraft inspections have remained manual for the past 40+ years with **no innovations** to meet the growing need for mechanics.

These **outdated processes** are plagued with personnel safety concerns, overlooked damages, and inconsistent reporting.

The industry needs **automation**.



Rizse provides **automated, consistent** and **reliable** labor for low margin tasks.

## rizse

- < 1 hour inspection time for single aisle planes
- \$240k Annual cost for RAID platform

## Current Standard

- 20 - 200 hours needed to complete an inspection
- \$500k for aircraft inspection team

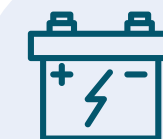
# rize

## Rize® Autonomous Inspection Drone - RAID

Purpose built, fully autonomous



3D Lidar Technology



Simple Battery Change



22 Minute Flight Time



4k Resolution Camera



Streamlined Activation

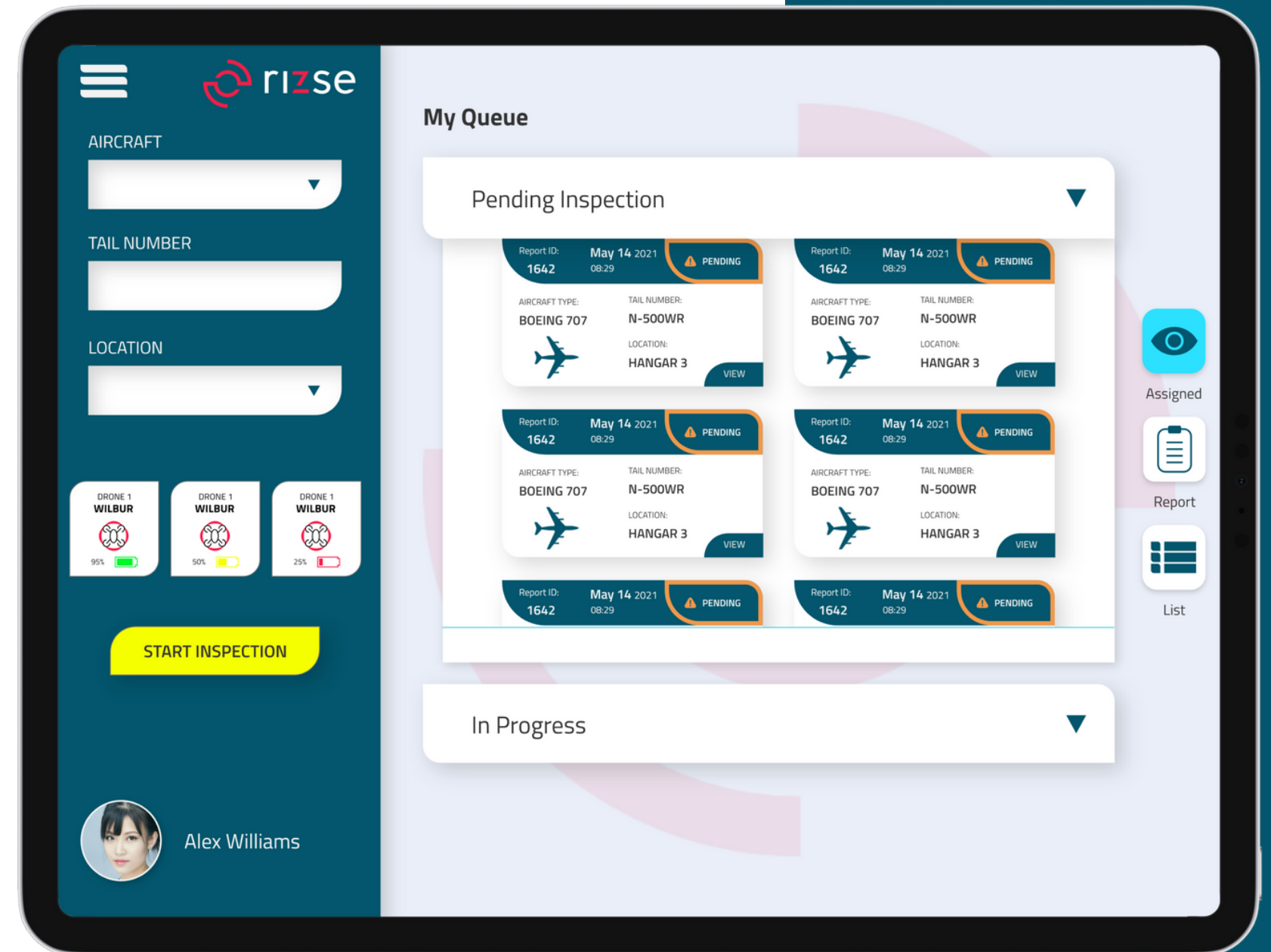
# rize RAID Platform

Compliant Reporting

Historical Data Reporting

Machine Vision Annotation Tool

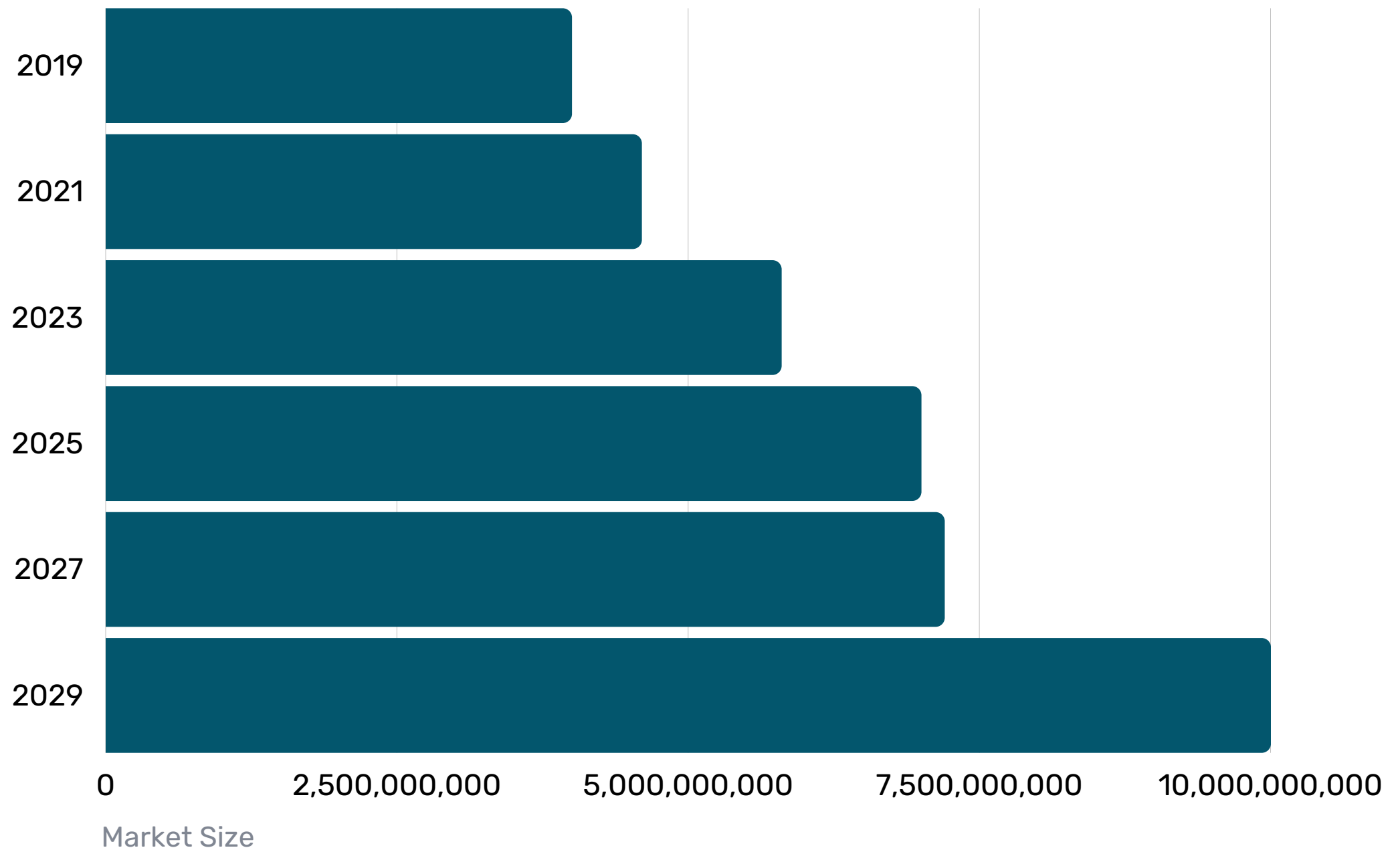
Customizable API





# Aircraft Remote Inspection TAM

The global drone remote inspection market is anticipated to reach **\$8+ billion** by 2029, with **8.1%** year over year growth.



# Aerospace Market Demand

Airframe and line maintenance spending is expected to increase from **\$30 billion** in 2022 to **\$39 billion** by 2032.

**800+**

Cargo Aircraft

**7,000+**

Commercial Aircraft

**13,000+**

Fleet owned by US  
Government

**21,000+**

Business Aircraft  
(Jet + Multi-engine)



Rizse uses the **robotics-as-a-service** model to optimize enhancements. We're based in Austin, TX, built for aerospace by aerospace industry experts.

Our location gives us the **competitive advantage**, with our biggest competitors located overseas.

**BLUEBEAR** 

UK

 **DONECLE**

France

 **INVERT  
ROBOTICS**

New Zealand

 **MAINBLADES**

Netherlands

**We've seen great traction with the subscription model. Our pricing makes RAID **60% cheaper** than human labor.**

**Standard contract term is **2-3 years**.**

## Gold

### Qualifications:

- Fewer than 200 checks a year

### Includes:

- Autonomous RAID platform
- Drone upgrades
- Software upgrades
- 24/7 Support
- Hardware replacement
- Unlimited scans first year

**\$15,000 per month**

## Platinum

### Qualifications:

- 200+ checks a year

### Includes:

- Gold offering PLUS
- Priority Upgrades
- Dedicated Account Manager

**\$25,000 per month**

We've fully achieved product market fit in both **commercial** and **defense** aviation.

**Current partners include:**



- 1 unit currently in operation
- Plans to increase unit size to cover two more facilities by Q3 2023

**MITRE**

- 1 unit currently in operation
- Long-term testing for military customers

# We're targeting aircraft repair stations, commercial airline maintenance, cargo, space, and defense sectors.

Negotiating Contract



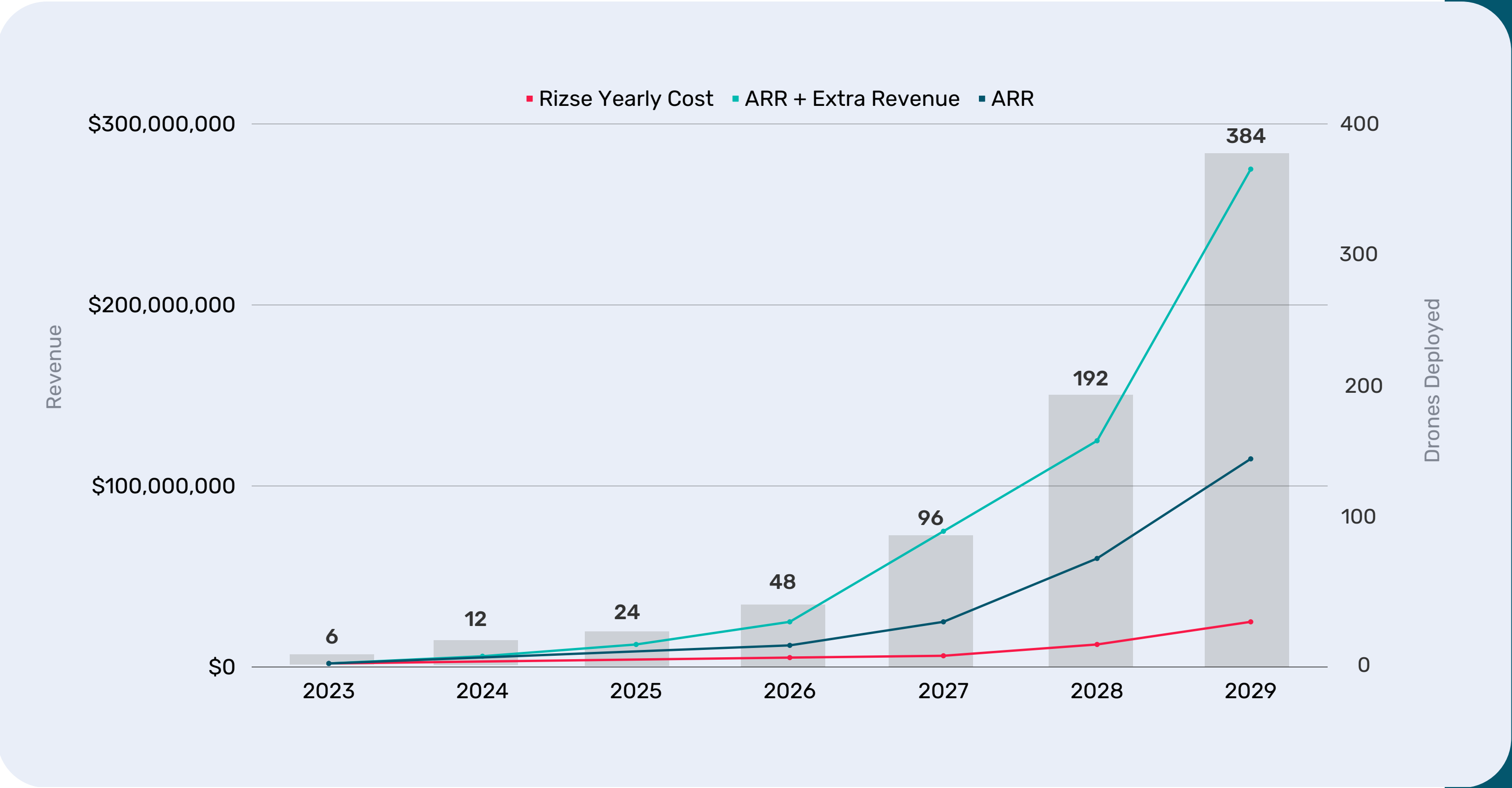
Actively Targeting



Prospects



# 7 Year Revenue Projection (Total contract value for commercial aviation )



# Executive Team



**Colby Harvey**  
Co-founder & CEO



**Jack Medellin**  
Chief Operating Officer



**Braedon O'Meara**  
Cofounder & SVP, Software



**Amol Hardikar**  
Chief Financial Officer





# Advisory Board



**Jim Sturgis**



**David Querio**



**Michael Hill**

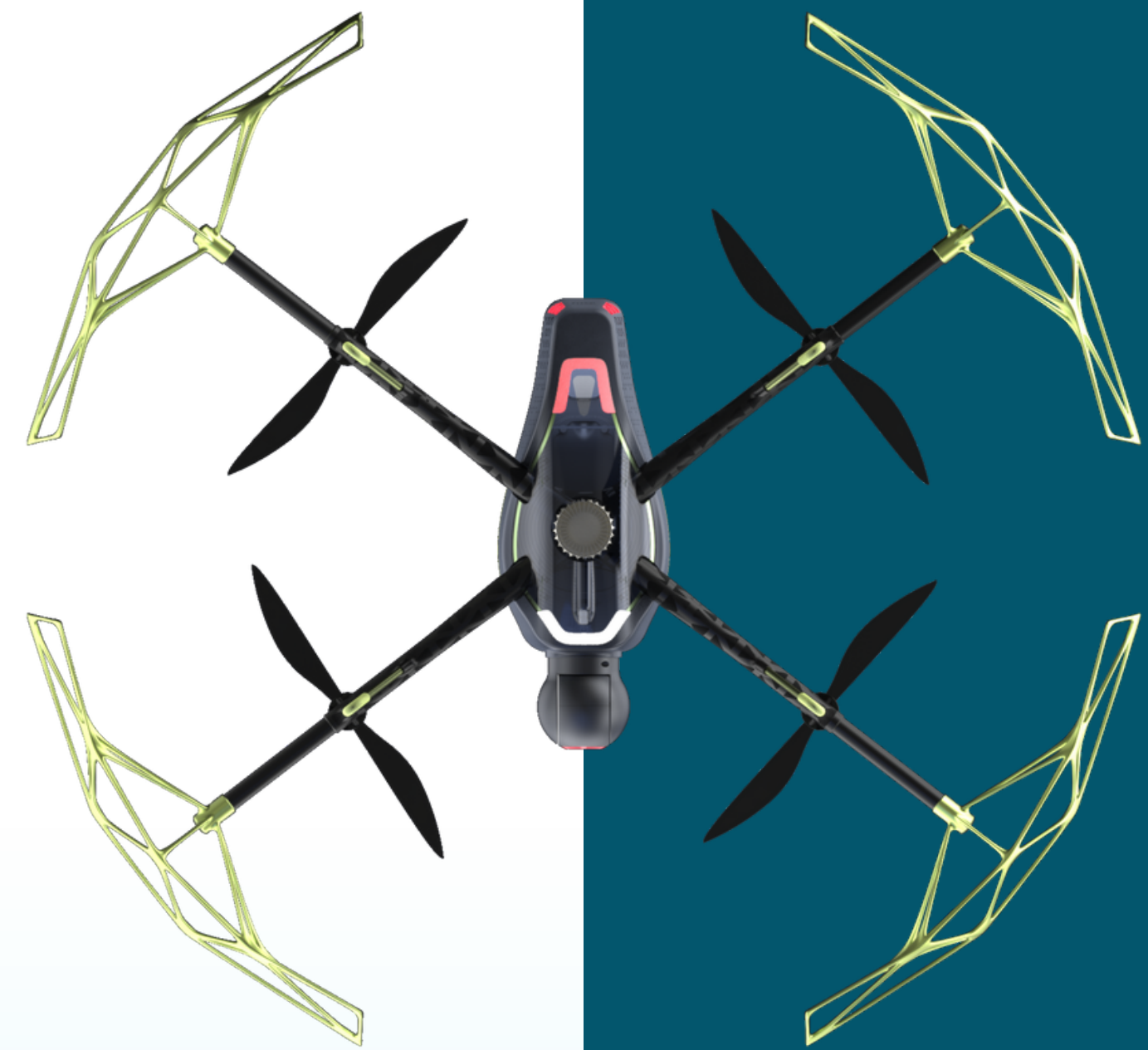


**Brad Shelton**



Through our investors, angel investors, and friends + family, we've raised **\$6.8 million**.

Awarded the 2021 Reddot Award for Design, and the 2022 iF Award for Design.



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