

# Air-Oil Separators (AOS)



# ERG

Less Waste. More Savings. Cleaner Skies.

Duocel AOS, breathers, or de-oilers efficiently recapture nearly all oil from the exhaust stream. Returning more oil back into the system, lowering maintenance costs and reducing emissions.

**Proven Performance with 1 million+ combined flight hours on Military and Commercial Engines**



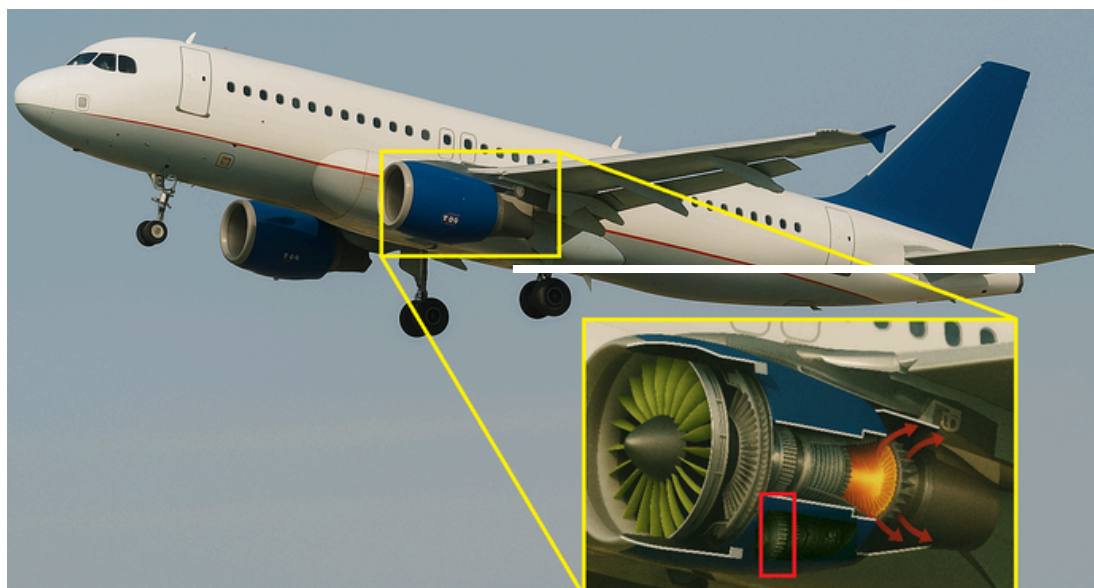
GE Aerospace



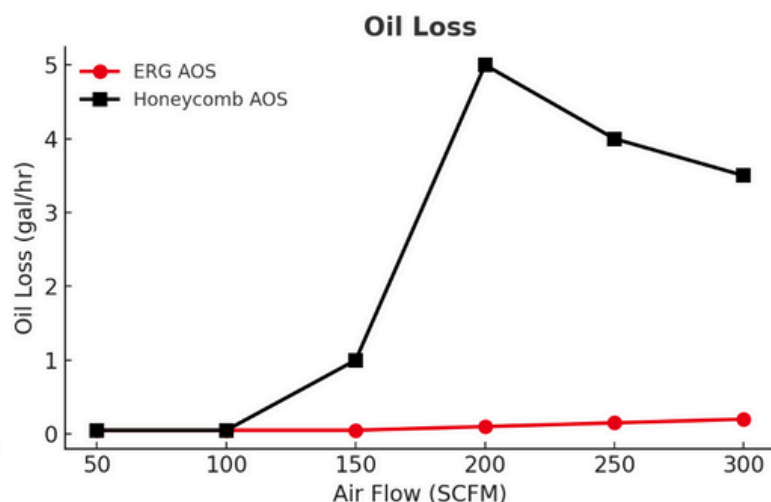
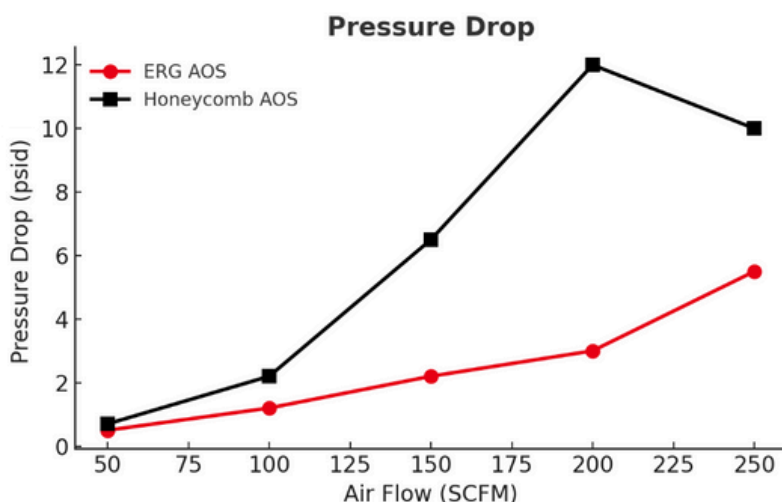
Rolls-Royce®



Pratt & Whitney  
An RTX Business



## How an Air-Oil Separator works



Trusted by leading OEMs and Operators worldwide.  
ERG delivers proven separation solutions across every platform.

# Flight Proven Performance

## Commercial and Military Solutions Available

ERG designs and delivers thousands of production air-oil separator units

- Engineered for unique gearbox designs
- Solutions available from high bypass to turbojet engines
- Space saving designs to meet specific engine requirements



## Benefits of Duocel® Air-Oil Separators

### Better Separation for OEM and Aftermarket Applications

- Tunable open-cell structure creates a turbulent path to capture oil droplets
- Greater surface area increases efficiency and prevents bypass loss

### Compact & Lightweight

- Meets aerospace weight and volume constraints without sacrificing performance

### Highly Customizable

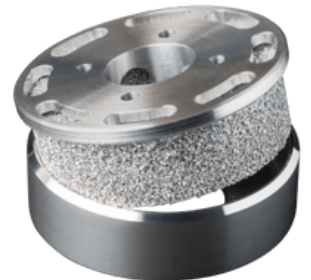
- Scalable designs support a range of flight profiles from takeoff to landing

### Robust Design

- Welded steel housing built for durability and reliability

### Custom Designs Available

- ERG can provide an AOS for any commercial or military aircraft



## Manufacturing & Lifecycle Support

### Vertically Integrated

- Engineering design, modeling, prototyping, testing, and production under one roof reduces lead times

### Decades of Experience

- ERG has been providing air-oil separators since the early 1980's

### Recognized Supplier Excellence

- Pratt and Whitney Supplier of the Year & IHI Supplier of the Year



## Ready To Reduce your Oil Consumption and Enviromental Footprint?

Partner with ERG Aerospace for innovative solutions that prioritize performance, sustainability, and integration.

DELIVERING SUSTAINABILITY  
THROUGH REDUCED OIL  
CONSUMPTION



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