

Partners in environmental testing for  
**aerospace manufacturers** around the world

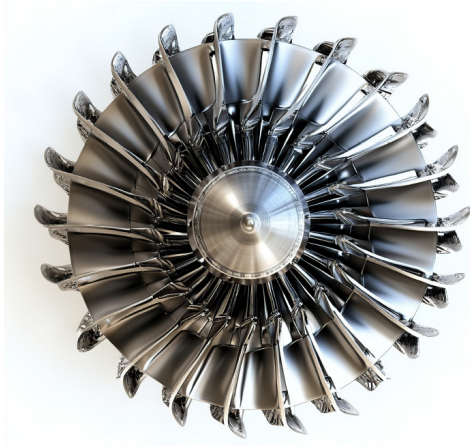


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Testing climate resistance **to the limit**

# The importance of corrosion testing in the aerospace sector

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## Harsh Environmental Conditions

Aerospace components are exposed to extreme conditions, including high altitudes, varying temperatures, humidity, and exposure to saltwater during take-off and landing.

## Safety and Reliability

Corrosion can compromise the structural integrity of aircraft, leading to potential failures.

## Cost Efficiency

Detecting corrosion early can prevent costly repairs and replacements.

## Regulatory Compliance

The aerospace industry is heavily regulated, and corrosion testing is often required to meet stringent safety and performance standards.

## Innovation and Material Development

Corrosion testing drives the development of new materials and coatings that are more resistant to corrosion.

By incorporating rigorous corrosion testing protocols, the aerospace industry can ensure that its materials and components are robust, safe, and reliable, ultimately leading to more efficient and longer-lasting aircraft.



# Worldwide testing of aerospace components to exacting standards...



## Ascott chambers are suitable for testing to...

Standard	Test Type	Recommended Chamber
ASTM B117	Salt spray (fog) test	All Ascott chambers support B117 standard – typically aerospace applications require the samples held at 6° from vertical.
ASTM G85 Annex A5	Modified salt spray (fog) with SO <sub>2</sub>	Premium Salt Spray with SO <sub>2</sub> gas dosing capability (ACC46).
MIL-STD-810 (Method 509.7)	Salt spray (fog) environmental test	Cyclic chambers; customizable test cycles (ACC39 or ACC112 may be required).
MIL-STD-202	Salt spray (fog) Corrosion test	All Ascott chambers support MIL 202 standard.
MIL-STD-750 (Method 1046.3)	Salt spray (fog) Corrosion test	All Ascott chambers support MIL 750 standard.

# For all your **aerospace test** requirements

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## Contact us for more information or a quote...

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### **Ascott Worldwide**

Ascott are represented worldwide by a network of authorized distributors/agents, who have been fully trained in all aspects of our products, including technical support and maintenance. Please contact us for further details.

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