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## The Aviation Glass Insider

### Unmatched Clarity. Proven Reliability. Exceptional Luxury

#### *The Future Takes Flight*

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### The Future of Aviation: Insights from CES 2025

CES 2025 showcased the latest breakthroughs, also in aviation innovation, and our director, Jaap Wiersema, was there to witness the future firsthand. From JetZero's Blended Wing Body, a fuel-efficient aircraft design, to Pivotal Helix's tilt-wing personal eVTOL, built for urban air mobility, it's clear that aviation is evolving rapidly. But the future isn't just about new aircraft designs. Delta Airlines' AI-powered travel tools and sustainable technologies showed how digital advancements reshape the entire passenger experience.

*"Innovation goes beyond aircraft structure," says Jaap. "It's about rethinking every cabin detail to create more efficient, sustainable interiors. At Aviation Glass & Technology, we stay ahead of these trends, developing lightweight, scratch-resistant AeroGlass® solutions that meet aviation's changing needs."*

As the industry progresses, aircraft interiors will play a key role in the passenger experience. AviationGlass continues to ensure cutting-edge transparency solutions are combined with design, durability, and sustainability.

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### Engineering Excellence: AeroGlass® Innovations

At Aviation Glass & Technology, we don't just follow trends, we set new standards in performance, safety, and design. Our EASA-certified AeroGlass® solutions deliver lightweight, scratch-resistant, and sun-protected transparencies that enhance passenger comfort and operational efficiency.

#### Why AeroGlass®?

- ✓ Up to 6% lighter than conventional 2mm PMMA, reducing fuel consumption
- ✓ Custom thickness options from 0.95mm to 2.6mm for tailored applications
- ✓ Exceptional durability, tested for impact resistance and heavy use
- ✓ Fully compliant with EASA safety regulations, including flammability certification

Imagine crystal-clear cabin windows and screen covers that provide superior visibility and contribute to a more efficient and comfortable flight experience. With AeroGlass®, these innovations are already a reality.

[Contact us for more information](#)

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### Technical innovations transforming cabins

At AviationGlass we're rethinking the passenger experience with innovations that make every flight more comfortable, efficient, and sustainable. Here's how our transparency solutions are leading the way:

- **Light-guiding ceiling panels** Smart lighting adjusts to different stages of the flight, creating a comfortable atmosphere while helping to reduce energy consumption.



- **Anti-scratch, Anti-glare IFE screen covers** Keep entertainment screens crystal clear, free from scattering, fingerprints, and smudges, while also lowering maintenance costs.
- **UV-protected window solutions** Crystal-clear views, blocking harmful UV rays, preventing sun scatter, and reducing cabin temperatures.
- **Dimmable transparencies for inboard lenses** Windows that passengers can adjust for light and privacy because comfort and control should always be in their hands. Ensuring a more comfortable journey.

These advancements are more than just about technology, they're about making flying smarter, more comfortable, and more sustainable, all while improving the bottom line for airlines. [Read more about our transparencies.](#)



## Meet our Innovation Team: Sana's engineering vision

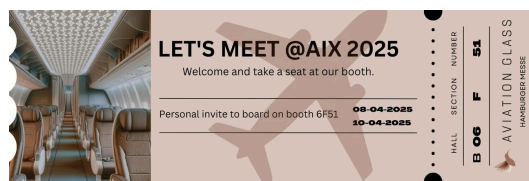
Step into our Amsterdam facility, and you'll likely spot Sana, deep in thought over a technical drawing or fine-tuning the manufacturability of an aviation glass prototype. But don't be fooled by the precision of her work—this 24-year-old engineer brings just as much creativity to the table as she does technical expertise.

Sana's journey into aviation glass wasn't a straight path. If life had taken a different turn, you might have found her behind a coffee bar, perfecting the art of the matcha latte. "I love the creativity in making drinks, it's about balancing the right ingredients to get the perfect result," she says. A philosophy she now applies to engineering, where precision and innovation must align seamlessly.

Since joining AviationGlass in September, fresh from Collins Aerospace, she's been reimagining how lightweight aircraft glass can be made even stronger, clearer, and more efficient. "It's a small team where everyone is eager to help each other," she shares. And that suits her perfectly. Whether she's kickboxing after work to clear her mind or brainstorming ways to make aviation glass even more impact-resistant, Sana thrives in an environment where challenges fuel innovation.

Her role is pivotal, from designing production processes to ensuring every transparency and mirror meets the highest durability standards. But what truly drives her is the future: lighter aircraft, lower emissions, and smarter materials that will advance aviation.

So, when you visit our booth in April, look out for Sana. Whether she's explaining the latest impact-resistant glass technology or simply sharing her favorite matcha spot in Amsterdam, you'll see firsthand why she's one of the rising stars of aerospace engineering.



## Experience Innovation: AIX Hamburg 2025

AIX Hamburg is where the future of aviation interiors takes shape. This April, experience our latest AeroGlass® innovations firsthand: What's waiting for you at our booth?

- ✓ Next-generation transparency solutions
- ✓ Live demonstrations of AeroGlass® technology
- ✓ Sustainability-focused materials
- ✓ Custom applications for your aircraft interiors
- ✓ One-on-one sessions with our engineering team

Our technical team is available for pre-AIX consultations to discuss your specific requirements. Book a slot now via [info@aviationglass.com](mailto:info@aviationglass.com) Success Story: revolutionizing curved glass applications

**Join us in shaping the future of aviation, advancing aviation together**

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## Coming in February: exclusive technical preview

Before AIX, we'll be sharing deeper insights into our latest impact-resistant glass technologies and sustainability breakthroughs. Stay tuned for an exciting collaboration that pushes the boundaries of sustainable aviation and cutting-edge aircraft interiors.

- A new partnership is on the horizon.
- Success Story: revolutionizing curved glass applications
- Sustainable Aviation – Advancing eco-friendly glass solutions for a greener future.
- Exclusive Interview – Insights from Callies Design on the future of cabin aesthetics.
- AIX 2025 – Meet the team and discover the latest in impact-resistant, lightweight, and scratch-resistant aviation glass.

**Transform your aviation interiors with products that combine performance, innovation, and sustainability**

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AVIATION GLASS

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**AviationGlass & Technology BV - Engineered for Precision. Designed for Performance.**

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