



AIRCRAFT AND HELICOPTER SHADING AND PRIVACY SOLUTIONS BY VISION SYSTEMS

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Electronically Dimmable Windows, Aircraft and helicopter shading and privacy solutions... Need to find out more in details? Read and then meet Vision Systems for the customization you need!

Vision Systems' solutions meet the rigorous requirements of the VIP market in terms of customization and fit and finish. They offer an elegant design adapted to premium airlines and business aviation. EDWs enable the passengers to change the opacity of their window from clear to dark or opaque, in order to regulate daylight, glare and heat entering in, or for immediate privacy. They enhance visual, thermal and acoustic comfort, for a peaceful atmosphere.

Vision Systems' EDWs offer many advantages over other systems. Using SPD technology, they allow infinite variable shading and instant response time. They automatically switch to their darkest possible state when unpowered (a backup system turning them clear is available if need be) keeping the interior cooler on the tarmac and reducing air conditioning consumption. An integrated IR barrier comes and strengthens heat blockage. These solutions block more than 99.9% of harmful UV light (even in clear mode) to protect passengers and to prevent interior equipment from fading. Their fabrication also involves multiple layers of noise- attenuating films to keep the cabin quieter.

Vision Systems' EDWs provide a strong competitive advantage in terms of aftermarket. They use very thin, lightweight, scratch-resistant composite glass that replaces the dust pane, as light as

polycarbonate but thinner, more resistant, saving interior cabin space and delivering superior optical performance. Furthermore, these silent, light and compact solutions have no moving parts, reducing maintenance and downtime.

Among the products presented at the show, are a dimmable helicopter window and a multizone dimmable aircraft window with an integrated control panel. This elegant digital shade provides opacity control of a chosen zone directly on the window, for a greater comfort and traveling experience. The sleek design of the solution conveys a modern high-end image allowing for brand differentiation.

Vision Systems will exhibit its range of Electronically Dimmable Windows (EDWs), a smart partition, and a high-end motorized shade. Vision Systems will also exhibit a privacy solution dimming from transparent to opaque white or dark to control both daylight and privacy. This system automatically turns opaque dark when off to block out heat and to keep interior out of sight when parked.

Another solution shown at Dubai Airshow is a smart partition combining a dimmable system and an information display based on electroluminescent technology. Whether on windows or dividers, this solution can either be set in transparent or dark mode when no information is displayed, or show short travel information. The background opacity can then adjust automatically for perfect contrast and readability.

The company will also display a new motorized shade for two windows with a dimmable front panel, proposing an elegant alternative for privacy and blackout.

Vision Systems offers a complete range of shades, including high-end manual or motorized shades for one or two windows, available with single or dual screens, smooth or pleated fabrics. These shades are light and compact, customizable, and offer superior quality.

The motorized shades are long-life products comprising advanced motorization with brake, anti-jamming devices, acoustic insulation, manual unlocking and diagnosis assistance. Another particularity of these solutions is the synchronization of the shades that can be customized (reach the bottom all at the same time, controlled by zone, or forming a wave when closing).

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