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RELIABLE CONNECTIVITY

Experts outline ways to ensure seamless service – from dual installations to enhanced cyber security

MODULAR A220 CABIN

A concept bringing the plug-and-play approach to an airliner cabin, to cut risk and costs for customers

CABIN HYGIENE

Details of everything from lighting innovations to hands-free washrooms and air purification

DESIGN TRENDS

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WHAT AESTHETIC TRENDS HAVE YOU NOTICED RECENTLY?

We've noticed a trend for blending overall aesthetics with technological enhancements and unique artisanship; clients are increasingly expecting designs to be flawless to the finest detail. For example, we have noticed a clear desire to make seat upholstery richer by adding subtle design touches that are reminiscent of high-end leather goods such as designer handbags – for example, decorative contrast lacing. These design accents definitely add to the perception of luxury, but do add complexity to the fabrication process.

CAN YOU SHARE A RECENT DESIGN PROJECT THAT DEMONSTRATES A CURRENT TREND?

In terms of technological enhancements, we recently designed a helicopter seat that features speakers built into its upper structure, creating an active noisecancellation bubble around the head of the passenger.

The seat also features a ventilated backrest and seat bottom, with personal airflow controls on the sideledge. To our knowledge this functionality has never been implemented on an aircraft before.

The seat is part of a sporty, modern helicopter cabin inspired by the stylistic lines of high-end race cars. The styling is centred around the seat design, integrating angular lines and a colour palette ranging from beige to greys, and black with blue accents.

The design also includes plenty of other technological equipment - including a central console with a refrigerated compartment, deployable personal tablet holder and USB charging port, as well as electrochromic windows, with personal tint intensity controls on the sideledge. There is a ceiling lighting and ventilation module, made of carbon fibre composite, with personal controls for air temperature, airflow and audio volume, as well as a personal reading light.

The cabin has a 2-2 layout aimed at providing increased space for passengers.

BELOW: AIRJET DESIGNS NOTES DEMAND FOR RICH AND INTRICATE UPHOLSTERY DETAILS SUCH AS LACING

INSET: AIRJET'S HELICOPTER DESIGN FEATURES SEATS WITH BUILT-IN NOISE CANCELLATION

WHAT IDEAS FROM OTHER INDUSTRIES WOULD YOU LIKE TO TRANSLATE TO AIRCRAFT?

I think our clients would love the aircraft CMS to feature a voice-activation service such as Amazon Alexa. I think the technology is there, we just need to expend time and money to certify the system for an aircraft.

"We have noticed a clear desire to make seat upholstery richer" A AIRJET