

The Shape of Things To Come

Show News



Aviation needs equivalents of the “concept car” to spur it forward, says new exhibitor NewFace.

Remember when each Paris Air Show presented an array of exciting new shapes, indicating the future of aviation? Those days are not entirely dead, as will be seen on stand 4/D11, where the NewFace consortium is showing three models of novel-looking aircraft which could be flying in 2030.

Realistically, the regional airliner, multipurpose light transport and business jet concepts are unlikely to see the light of day in exactly the format shown. But that is not the point, declares José Rui Marcelino of consortium member Alma Design. Also experienced in automotive design, Marcelino says aerospace does not aggressively challenge itself to progress as does the motor industry with its “concept” cars.

Working in conjunction with Embraer, NewFace is here to show visiting OEMs what it is capable of, in the expectation that it will find roles in the design of the generation of aircraft yet to come.

In 2030 new aircrafts will emerge focused on greater efficiencies and user centered solutions. Future aircraft configurations for eco-efficiency.

NewFACE is an initiative of 4 companies: Almadesign, INEGI, SET and Embraer Compósitos. An additional partnership with a company from Embraer S.A.. The project is thus enriched with an OEM perspective, allowing the results to be evaluated considering their use in future aircraft.

The Utility concept is a modular design approach, with a wing and boom configuration featuring different cabin designs that provide the operation flexibility to define a multi-purpose vehicle of the skies. The emergence of new centers of economic activity worldwide will increase the need for business “point-to-point” connections with shorten “door-to-door” times.

The V-Tail concept is a new long range, high speed Executive Jet with an innovative structural efficiency. Passenger traffic will increase, as well a growing “Active senior” population that demands accessibility, comfort and usability in aircraft cabins. The Boxwing concept is a new vision for commercial aircraft.

