

FLYING CAR MANUFACTURER PAL-V AND AIRTIFICIAL SIGN NEW STRATEGIC AGREEMENT

News / Manufacturer



PAL-V is preparing for the serial production of the PAL-V Liberty and lining up its partner and supplier network. The contract between Airtificial and PAL-V consists in the agreement for the serial manufacture of four different packages: fuel tank, body parts, propeller- and rotor blades.

The PAL-V Liberty uses many different composite parts to reduce the total weight of the vehicle without compromising on stiffness or strength of the vehicle. Due to this the PAL-V Liberty can combine both flying and driving in one vehicle and still provide great performance. In total the PAL-V Liberty only weighs 664 kg thanks to many high-tech composites.



Airtificial has supported PAL-V in the optimization of the final design, as well as led the proposal of the manufacturing process, the development of the necessary tools, the industrialization, the production and the final validation of the different pieces. PAL-V is preparing for serial production of the Liberty and is finalising its production facility in the Netherlands. Since 2012, PAL-V has been designing, testing and pre-producing the world's first commercial flying car: the PAL-V Liberty. Last year it obtained road admission to drive on the European roads. This year PAL-V finalized its certification basis with EASA after many years of cooperation with the EASA teams. The final step now is compliance demonstration before PAL-V starts the serial production of its flying car. FlyDriving vehicles are projected to be a very important market segment in the Advanced Air Mobility industry.

As Enrique Sanz, CEO of Airtificial said: "This is an important milestone for our aerospace division because we are not only increasing our business for the coming years, but also positioning our business for future markets such as flying cars, hand in hand with one of the leaders of this sector, PAL-V"

Robert Dingemans, CEO and founder of PAL-V explains: "It is vital for us to have a strong supplier base which can grow with us in the emerging Advanced Air Mobility market. Having suppliers for our aviation parts with many years of aerospace experience is vital for the safety and certification of our product. Airtificial has a proven track record and we have been working together now for a number of years. We are proud to announce this next step in our collaboration."



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