



# A NEW GENERATION OF AIRSHIPS IS BEING DEVELOPED - MEET ATLANT 300

News / Manufacturer



Atlas LTA, a newly established Israeli company, develops a family of innovative aircrafts named ATLANT. The biggest model, ATLANT 300, would be huge: 200 meters length, 100 meters width, and 50 meters height. It will be able to carry 165 tons of cargo to 2,000 KM at a speed of 120 KM/h at all weather conditions, including the harsh ones. The other two models are ATLANT 30 and ATLANT 100, they are smaller and can carry 18 tons and 60 tons accordingly. Those airships are the actual game-changers in the world of air cargo delivery because they do not need any ground facilities to take off or to land. All means of transport existing today require expensive ground infrastructure such as air or water ports, railroad systems, etc. Those facilities are concentrated at large industrial and heavily populated areas, leaving many other places isolated and suffering from lack of critical supplies. ATLANTs can equally reach developed and underdeveloped areas without any harm to the nature that always follow the large transport infrastructure construction projects.

That unique ability draws a lot of attention from humanitarian organizations, such as UN World Food Program, because today's logistic difficulties are significant obstacles to their important mission. Another great example of the ATLANTs role is today's industrial world is point to point

transportation of the large blades of wind turbines. Those giant structures are available for offshore installation only due to the serious logistic problems which has become a bottleneck for this fast-growing industry. ATLANT could be an effective solution for the transportation as well as installation while being used as a flying crane.

Beside carrying cargoes ATLANTs will create a new dimensions in the air travel such as short haul and high comfort passenger ferry flights to numerous hard to reach destinations, or even the more futuristic and luxury sky yachting that can bring exclusive travelers to the most hidden places on earth like arctic ice or small tropical islands...

### **The Greener Alternative to the Existing Transportation Systems:**

**Gennadiy Verba? CEO and Founder commented: "The airships being developed by Atlas have a number of advantages in comparison to any aircraft and sometimes even before ground transportation. First, that is a low cost per ton-kilometer. But most important, much lower greenhouse gas emissions: 30-40% less than the most effective airplanes and 5-7 times less than the best heavy helicopters. And that is only the beginning – our electric powertrain enables us to reach zero emission within the next 7-8 years, much faster than other flight vehicles of the comparable size. Capable to operate in the most difficult weather conditions ATLANT sometimes is a good alternative to land transportation by tracks, which requires ice roads open only at wintertime in countries like Russia or Canada".**

Verba explains that ATLANTs can take off vertically, connecting any places point-to-point just like a helicopter or drone, but capable to carry much larger cargo to much longer distances at the way much lower cost.



### **Electric Sightseeing Airship:**

While ATLANT is the company's flagship project, that is expected to turn into reality in 4 to 5 years, Atlas is expected to present its first electric airship, which will take tourists to the sky in about 2 years. This airship named Atlas-11 designed for 19 people (2 crew members and 17 passengers). The aerial tours on this aircraft are the most pleasant experience, since the flight is uniquely stable and quiet, the windows are large, and the seats provide the first-class accommodation. Although the Atlas-11 looks like a conventional blimp, it is an important step

toward ATLANT due to the innovative electric powertrain on board.

**Yaron Bul, one of the owners and the man in charge of the business development in Atlas LTA said: "Our sightseeing airships will make the sky tours more affordable and comfortable ever. Besides the obvious business aspects this gorgeous aircraft will promote the important idea of the green flight."**



08 DECEMBER 2020

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