

WAJEHAT



Introduction

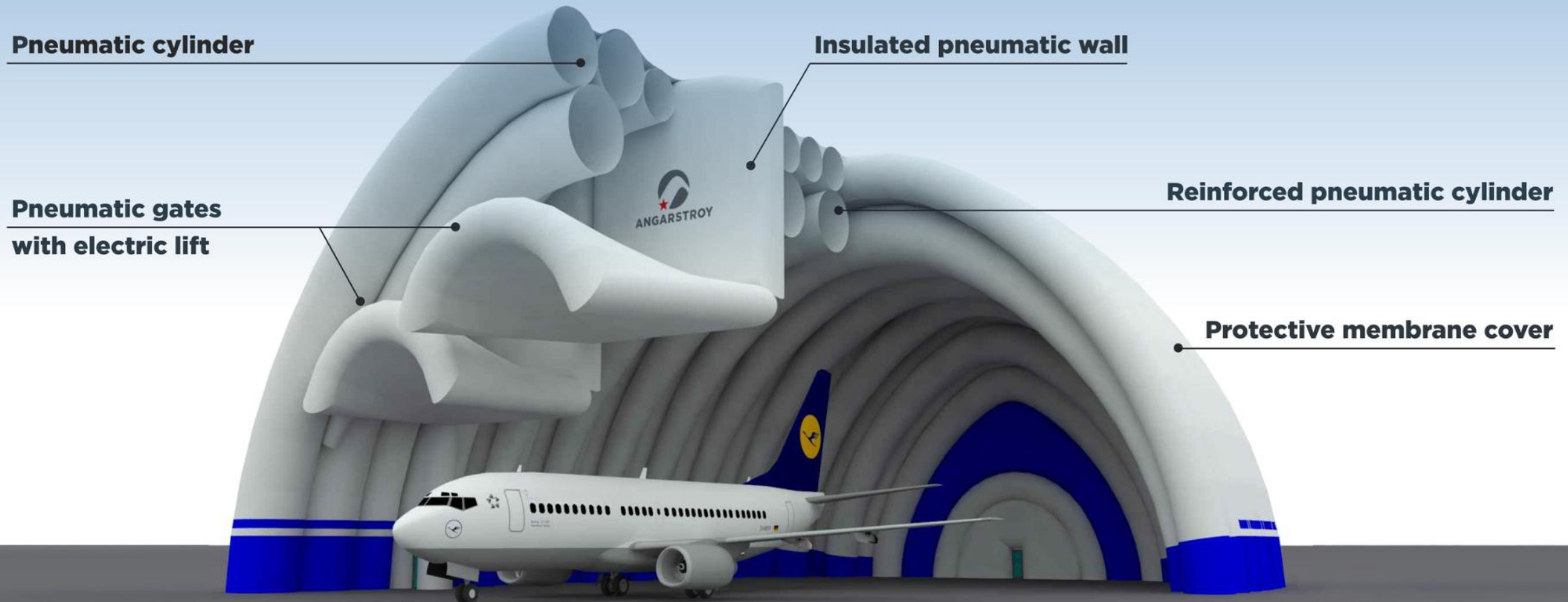
- Angarstroy is specialized in manufacturing of the inflatable hangars from 1999, they have more than 350 Projects worldwide with a total area of more than 500,000 square meters.
- Wajehat is a Saudi company partners of Angarstroy and the exclusive agent in the Kingdom of Saudi Arabia, GCC and the MENA region.
- We have a provide the design, shipping, assembly, training, after sales services & operation maintenance



About the Inflatable Structure

- The inflatable hangar is a structure made of reinforced, fire-retardant PVC, consisting of air-filled cylinders and wall modules. These components—including the doors and gates—are integrated into a single unified structure and covered with a protective membrane.
- Inflatable sections are available in half-torus or rectangular configurations and utilize an automated intelligent inflation system. The structure is equipped with aluminum doors, electric winch-powered pneumatic gates, and integrated ventilation ducting for air supply and exhaust.

- Made of reinforced PVC materials
- Individual pneumatic cylinder
- walls with wickered doors



No Foundation | Fast Installation | Ease Of Mobility | Energy Efficient | Environment Friendly

Technical Characteristics

Dimensions



Width 10 to 100 m

Unlimited length

Height 7 to 50 m

Thermal Resistance



-60 to +80 °C

Wind Resistance



up to 162 km/h

Sound transmission

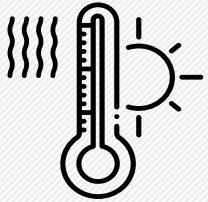


STC 45 dB

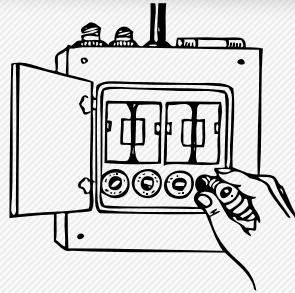
Thermal transmission

U-value = 0.25W/m².C

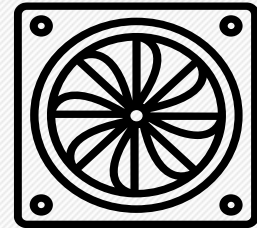
Stander Equipment



Ventilation



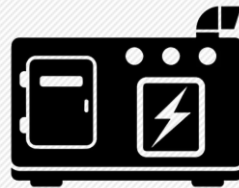
Smart Panel



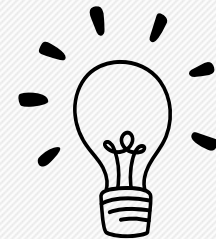
Inflation system



System air Pressure Alarm



Deisel generator



Lighting

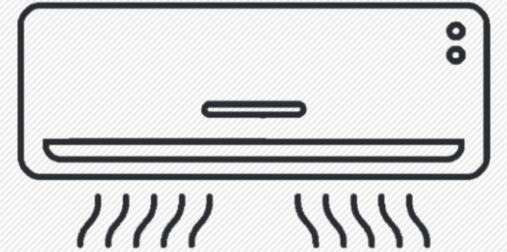
Added Equipment



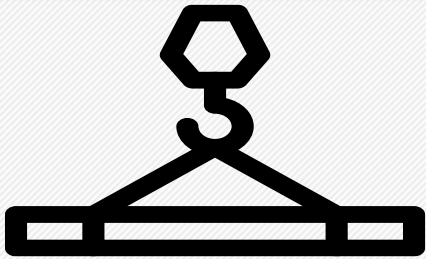
Firefighting



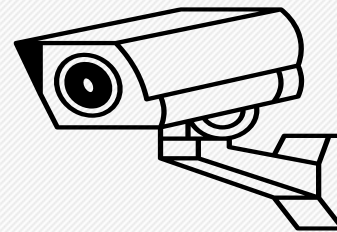
Fire Alarm



Air Condition



Crane



CCTV

Safety

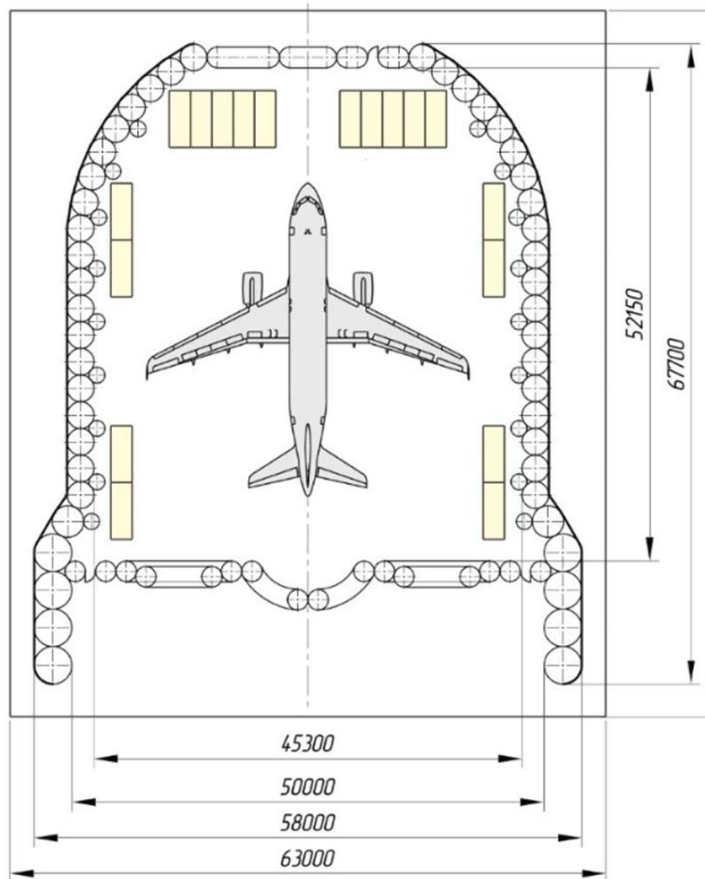
- It complies with all sanitary and hygienic standards.
- The structure is safe for people, as it does not include metal components and sharp elements.
- B-1 Fire retardant material as per NFPA 701
- Complied with NFPA 409, with additional equipment.
- Comply with Safety evacuation standers.
- Stander product doesn't have any metal structure.
- Smart monitoring system notification (pressure, windspeed & temperature).



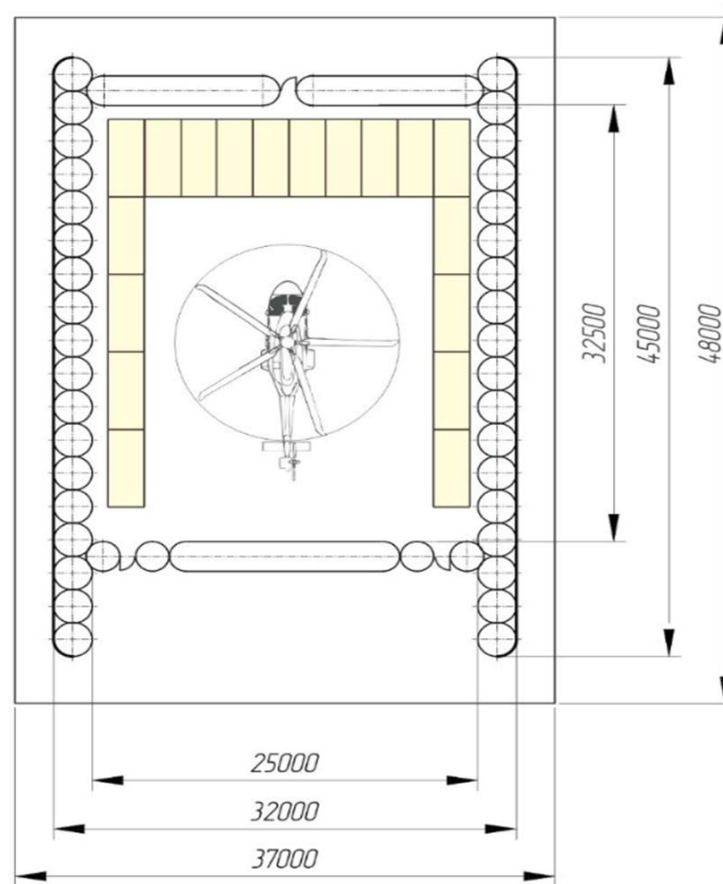
Benefits of having an Inflatable Structure

- Competitive Cost: High-value pricing compared to traditional permanent structures.
- Fast Global Delivery: Typical lead times of 2.5 months for 1,000 m² via sea freight.
- Superior Mobility: A 1,000 m² structure can be stored and transported in a single 40' container, designed for easy dismantling and redeployment.
- Fast Installation: Fully operational in as little as 8 days.
- Extended Lifespan: Durable design with an operational life of 25 to 30 years.
- Eco-Friendly: Sustainable construction with a low environmental footprint.
- Light Materials: Options ranging from translucent to blackout.
- Minimal Requirements: Requires limited equipment and manpower for setup; no foundation required.

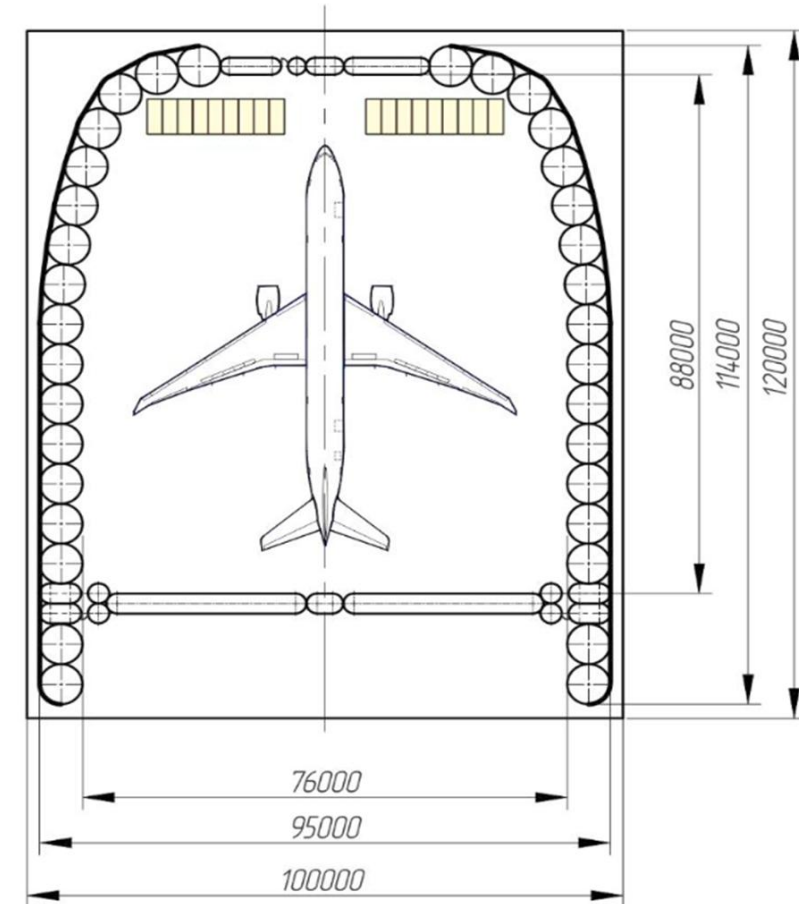
Drawing Samples For Aviation



Airbus A320

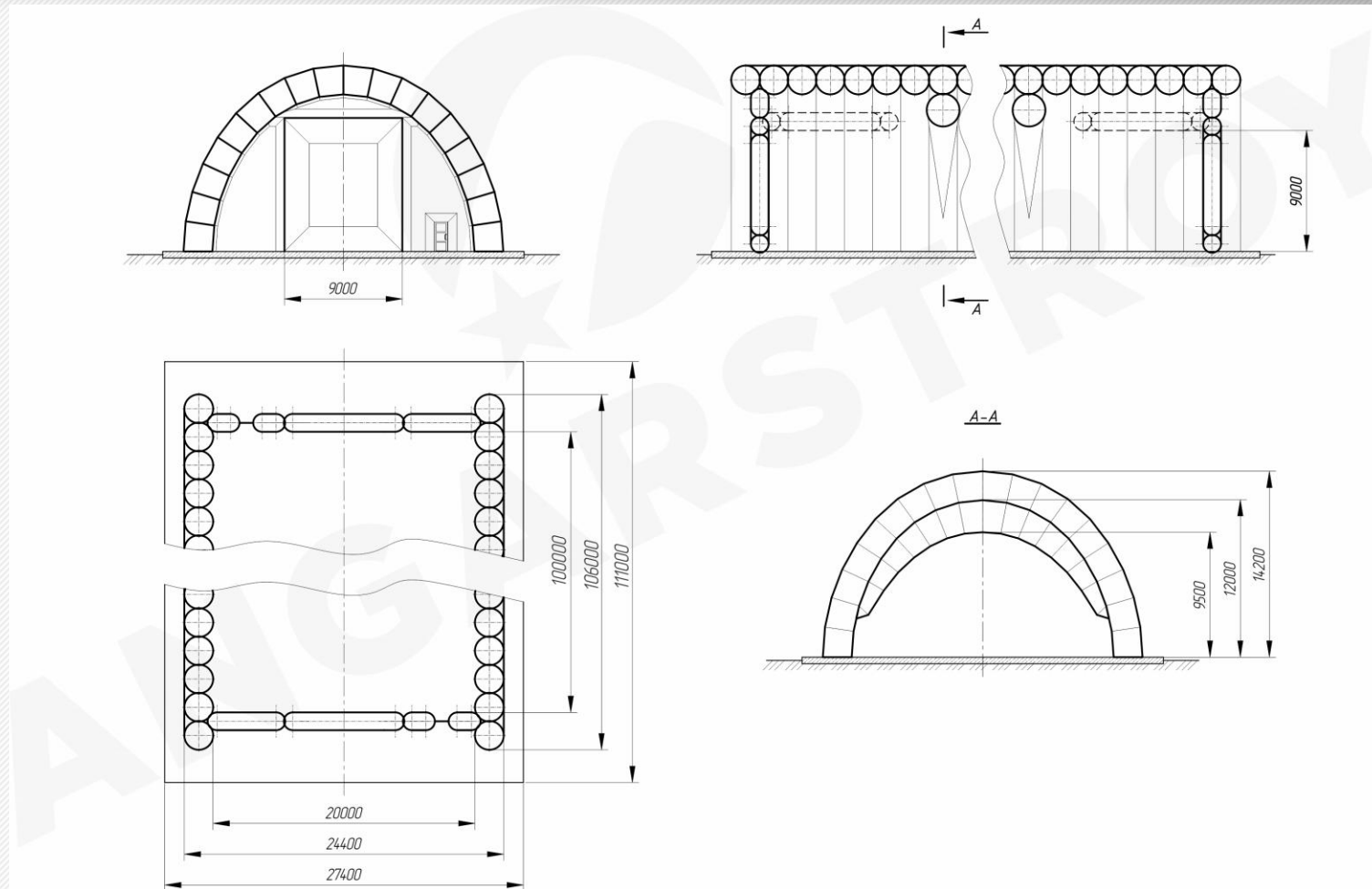


Helicopter AW 139



Boeing 777

Drawing Sample For Logistics















 **Technimont**



 **RENAISSANCE**
HEAVY INDUSTRIES









THANK YOU

OFFICE



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We look forward to work with you

