



NEW AIRCRAFT MAINTENANCE BUILDING
SOFIA / BULGARIA



Sofia's strategic position at the crossroads of Europe and Asia makes it an ideal hub for civil aviation. Its proximity to major European cities enables quick access to key markets, reducing transit times and logistics costs. Additionally, the city is well-connected by road and rail, facilitating efficient supply chain operations.

Bulgaria offers a competitive cost structure compared to Western Europe and North America. Lower labor costs, coupled with favorable operating expenses, enable businesses to maximize their return on investment. This cost-effectiveness extends to facility maintenance, utilities, and service contracts, ensuring that your facility remains profitable.

Sofia boasts a well-educated and highly skilled workforce, with a strong background in engineering and aviation. Local universities and technical institutes produce graduates proficient in aviation technologies, ensuring a steady supply of talent. Moreover, Bulgaria has a rich history in aircraft engineering and maintenance, providing a deep pool of experience and expertise.

The Bulgarian government is committed to fostering a favorable environment for the aviation industry. Regulatory frameworks are aligned with European Union standards, ensuring compliance while promoting growth. The government actively supports investment in aviation infrastructure, making it easier for companies to establish and expand operations.

Sofia Airport is one of the fastest-growing airports in Europe, equipped with modern facilities that can support aircraft maintenance operations. The city also has a robust infrastructure that includes specialized hangars, maintenance shops, and access to essential services. This infrastructure is critical for efficient and effective maintenance processes.

Sofia offers a high quality of life, with affordable housing, vibrant culture, and a welcoming community. The city's rich history, stunning landscapes, and diverse recreational opportunities make it an attractive destination for professionals and their families. A happy workforce is a productive workforce, and Sofia provides an environment that fosters employee satisfaction.

The aviation sector in Bulgaria is poised for growth, driven by increasing air traffic and a rising demand for maintenance services. Establishing a facility in Sofia places your business at the forefront of this growth, providing opportunities to expand services and cater to a broader client base.

Sofia, Bulgaria, offers a unique combination of strategic advantages, cost-effectiveness, a skilled workforce, and a supportive environment for civil aircraft maintenance. By choosing Sofia as the location for your maintenance facility, you're not just investing in a site; you're investing in the future of your business.

LOCATION MAP

CITY SCALE





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OUR NEW HOME THE BUILDING



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Aero Technic BG's new home spans over 15 000 sqm of built space and over 20m. tall over a land plot of nearly 40 000 sqm and will be able to fit up to 5 pcs. B 737-900 or A 321 type aircrafts.

The building is located freely in the northern part of Sofia Airport Complex, Slatina district, Sofia, Bulgaria, approximately 1,200m northeast of the threshold of runway 09 at Sofia Airport and outside the boundary line, located at a distance of 325m parallel to the axis of the runway, according to the requirements of the airport.

Transport, pedestrian and emergency access to the building is from the adjoining street from the north-northeast. For security management, a security kiosk is located next to the portal. The access for airplanes is from the south, from the side of the existing concrete platform, directly connected to the runway of Sofia Airport. Aircraft access to the hangars is ensured by means of special automated hangar doors (according to the specification and requirements of the contracting authority).

Volumetrically and functionally, the building consists of:

- Two areas/halls intended for service / inspections, maintenance and repair / of up to 5 pcs. B 737-900 or A 321 type aircraft
- Two office blocks with workshops and warehouses in them
- Two technical annexes to accommodate the boiler rooms to each building

The structure of the building is mixed – with prefabricated reinforced concrete columns and metal trusses for the roof structure. The foundation is with point reinforced concrete foundations for the columns.

The facade of the hall is designed with sandwich panels with a mineral wool core

The project envisages the attachment of a total of 5 portal cranes. The cranes are respectively 4 units with a length of 24m serving Hall A, and 1 unit with a length of 36m serving Hall B.

Local oil-fired boilers are planned for heating the halls and offices. Chillers on the roof are provided for cooling purposes.

For technological needs, it is planned to build a compressed air installation and install a vessel (compressed air receiver).

An automatic fire extinguishing system is planned in all storage areas and in the halls. The sprinkler tank is underground.

Rainwater is collected in absorbent prisms located within the boundaries

Purification and collection in serviceable tanks is provided for all technological wastewater.

Fire alarms are provided everywhere, and there will be video surveillance in the common parts of the building, as well as on the site. On the facade, floodlighting is provided for the platform and areas adjacent to the building, incl. and main transport entrance.

The roof will accommodate Photo-voltaic (PV) panels for generation of own electricity.



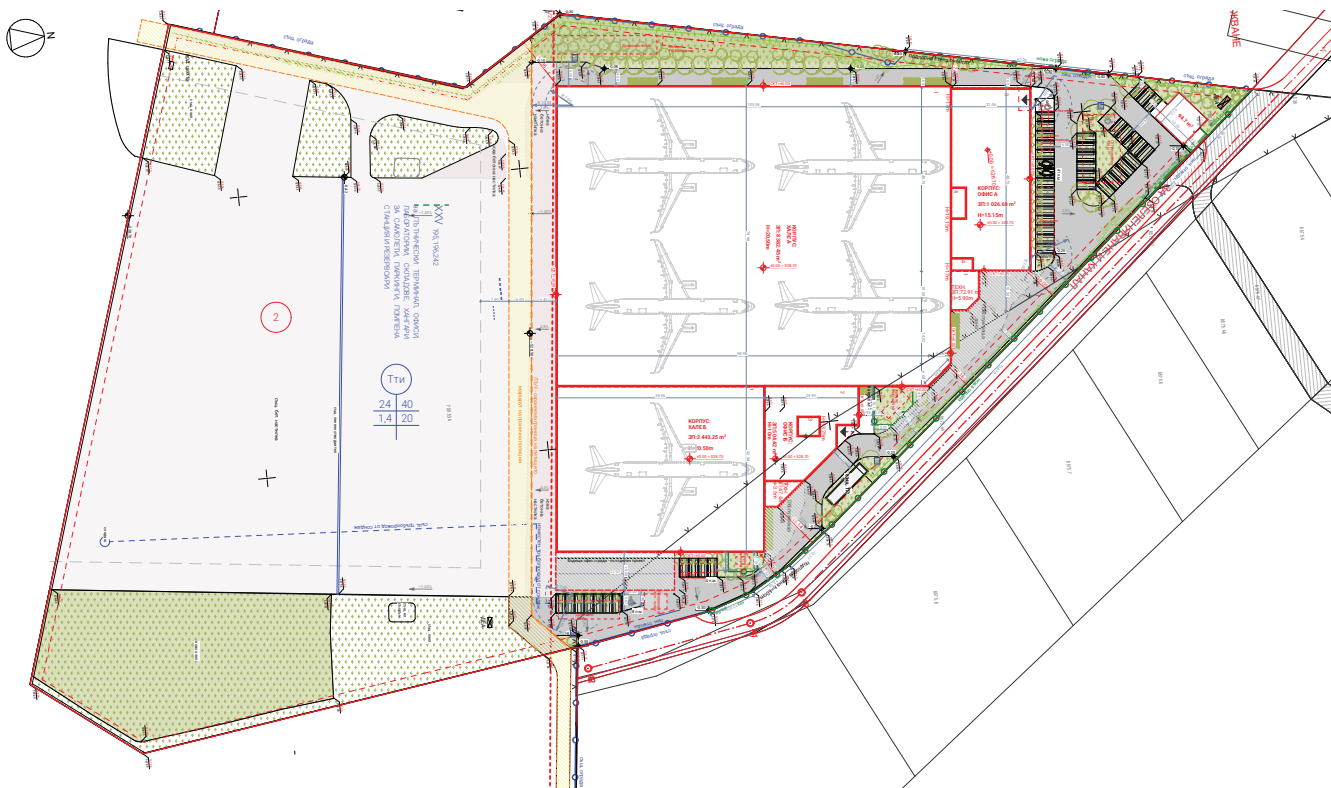
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OUR NEW HOME THE BUILDING



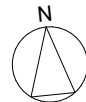
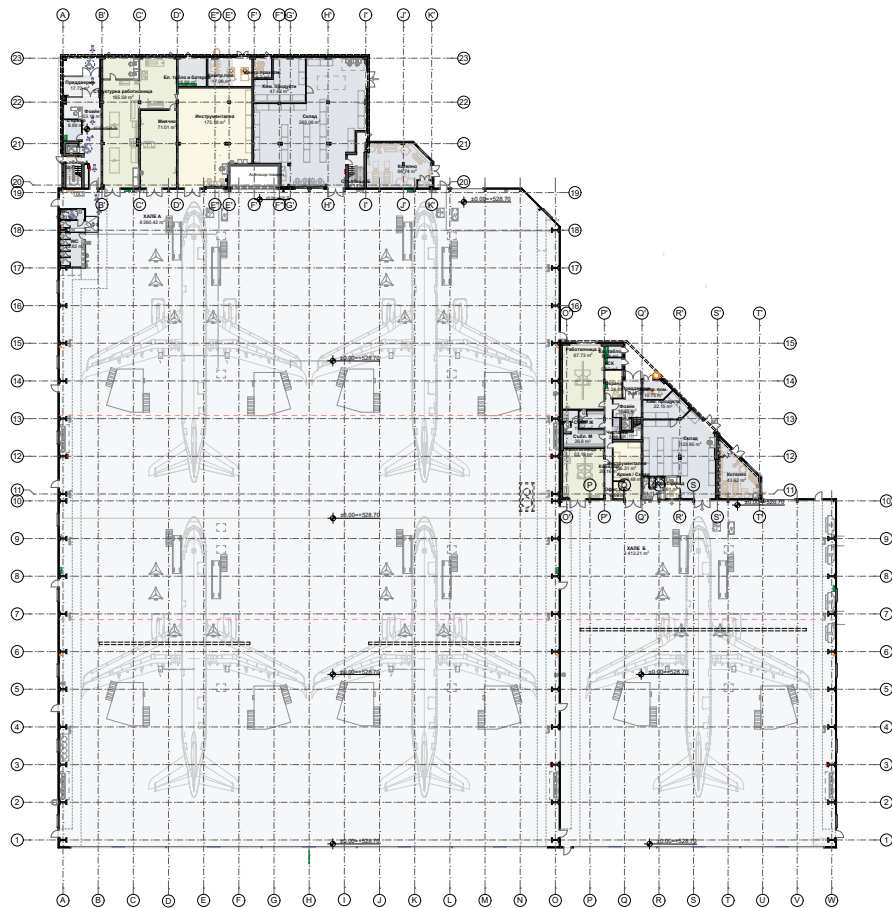
OUR NEW HOME

SITE PLAN



OUR NEW HOME

FIRST FLOOR



OUR NEW HOME CONSTRUCTION PROCESS





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Address:
Hangar 2:
Vrazhdebna, Str. 8
Heli Air Services buildings area.
Sofia Airport, North Area
Sofia 1839

GPS: 42.700917417412235, 23.40592509893026