



Softex-Invest



Aircraft-Building Company
Brovary city
Ukraine

The aviation company «Softex Invest» is located in the city of Brovary (Kyiv region) and is one of the largest private enterprises of the aerospace industry of Ukraine.

The production area of the plant is 5,000 sq.m. The company employs more than 200 people. About 100 of them are highly qualified personnel of the Design Bureau of the enterprise.

Each member of the company's staff has extensive experience of practical work in the creation of aviation equipment, which is obtained in the course of work directly at leading aviation enterprises of Ukraine: Antonov State Company, «AVIANT» factory, Kharkiv State Aviation Production Enterprise, design bureaus, branch laboratories, experimental factory and test complex. Combined with the use of digital technologies, this ensures the complete cycle of work in the aviation industry - from concept creation, draft design and working design, construction of prototypes and their testing, to marketing, serial production and technical support during operation, as well as training of flight and engineering personnel.

In «Softex Invest» a quality management system (QMS) has been developed and introduced, which covers the design, production, testing, maintenance, supervision and repair of products. The QMS is based on the international standards of the ISO quality management system.

- At present «Softex Invest» is developing several unique projects, in connection with which the company is engaged in close and constant cooperation with a number of scientific and technical organizations of Ukraine.
- «Softex Invest» conducts scientific technical developments in the field of aviation know-how, which are not placed on the company's website.
- Modern composite technologies have been applied in the designs of the company, which has made it possible to significantly reduce the cost of aircraft, while increasing its flight characteristics.
- Aviation safety is central to each project.

Individuality is a key component of the projects. Every detail of the interior is carefully considered.

■ During the nine years of its existence, «Softex Invest» has designed and assembled the following prototypes: 2 types of airplanes, 3 types of helicopters, 2 types of aircraft engines. Our separate development that deserves special attention is the unmanned helicopter.

More than 120 high-quality design engineers of our Design Bureau took part in the development of the above-mentioned eight aircraft engineering projects.

With the aim of successful competition on the market of the world aviation industry and thanks to our specialists, the company «Softex Invest» has achieved that 85-90% of each of our project is assembled from units and assemblies of our own development and production (fuselage, chassis, control systems of aircraft and helicopters, propellers and transmission of helicopters, etc.).

The distinctive feature of each project is multi-purposeness, as well as the solution of a wide range of tasks, namely:

- Training of pilots in air clubs;
- Patrolling and monitoring of territories and facilities;
- Forest survey and fire detection;
- Inspection of oil and gas pipelines;
- Inspection of power lines;
- Conducting search operations;
- Geological and aerial surveys;
- Carriage of mail, cargo and baggage;
- Air "promenades";
- Tourist flights;
- Business flights.

In October 2014 we received the Ukrainian Type Certificate for one of the projects, namely the V-24 aircraft with two Rotax 912 ULS engines. We are currently working to obtain a type certificate for the aircraft in France, the United States, Germany and the Czech Republic, and a number of agreements have been signed with European partners to initiate certification procedures in other EU countries.

Taking into account the trends in the development of the world aviation market in the near future, our enterprise has made a significant and successful amount of work related to the design of unmanned aerial vehicles.

Our project in this area is 80% (percent) complete and could be completed in the near future.

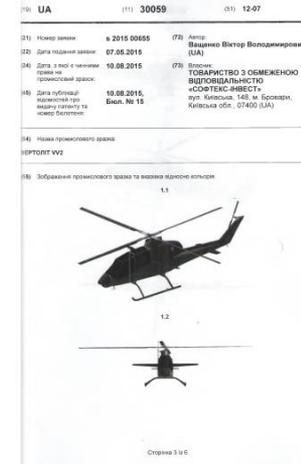
Developer certificate



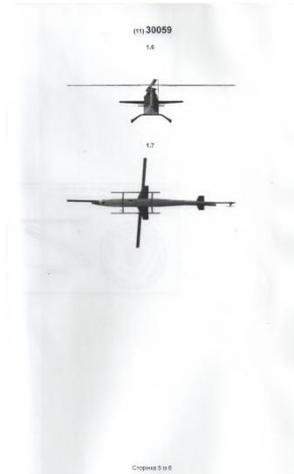
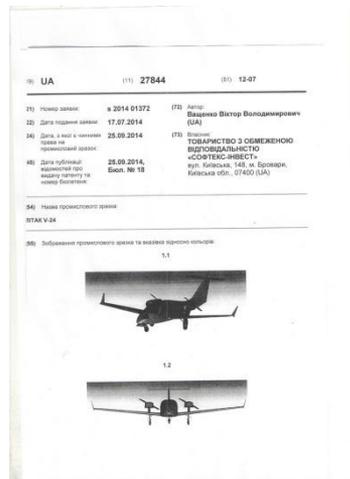
Ukrainian Type Certificate for V-24 aircraft



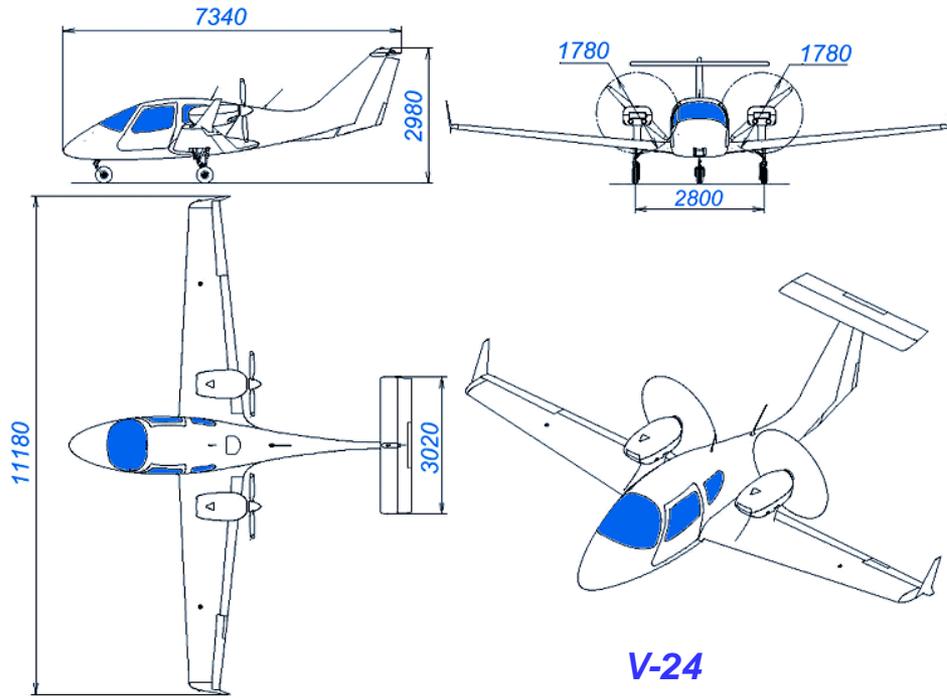
Patent for a design of VV-2 helicopter



Patent for a design of V-24 aircraft



Aircraft V-24, V24i and V-24L



V-24

V-24i u V-24



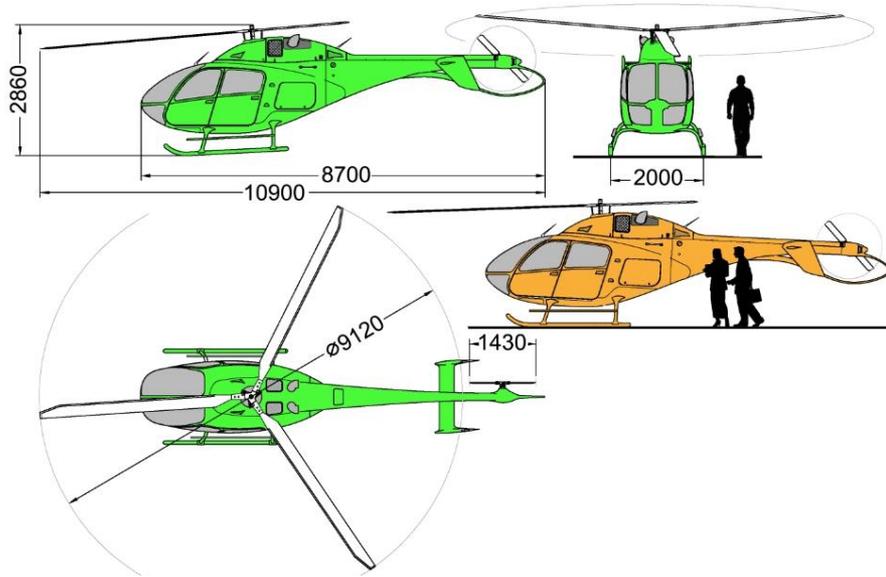
V-24L



Interior the aircraft V-24 and V-24L



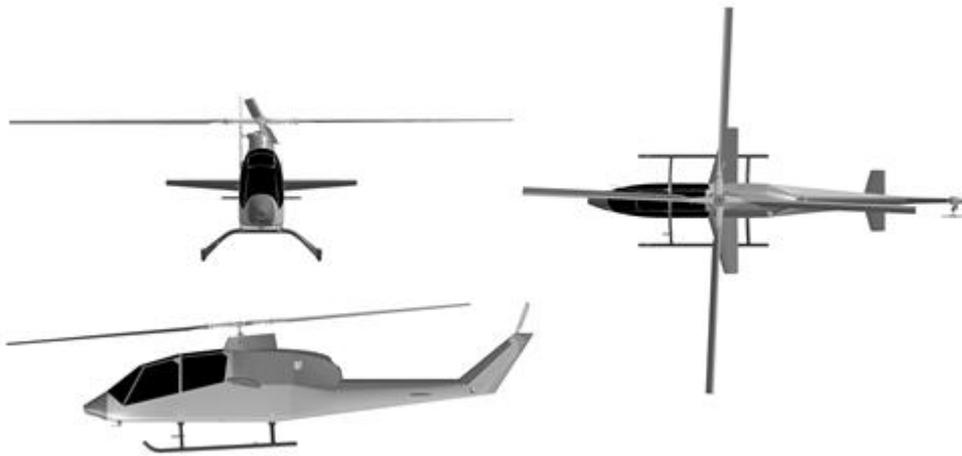
Helicopters V-51 and V-52



Helicopter V-51 and V52



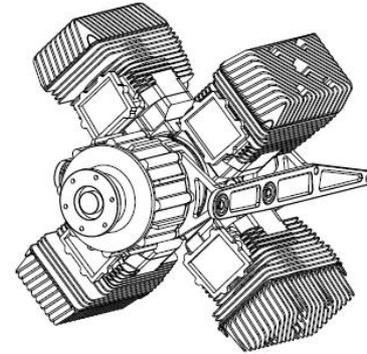
Helicopter VV-2 and VV-2PL



R-300



BSM1200



The team of our Constrictor Bureau, headed by the chief designer Viktor Vashchenko, has a great practical experience in the aviation industry, which has become a guarantee of cooperation of «Softex Invest» and such aircraft enterprises as Antonov State Company, «Motor Sich», Kharkiv State Aviation Production Enterprise, Airline «Aerosvit», «410th Civil Aviation» Factory, Company «Progresstech-Ukraine» and others.

Our products have been repeatedly exhibited at world exhibitions in Germany, China, the United Arab Emirates, the United States and Ukraine, where we have achieved great success thanks to advanced innovations in technology and aerodynamic engineering.

During our participation in international aviation exhibitions, foreign companies became interested in our developments. As a result, the company «Softex Invest» is currently negotiating the sale of aircraft design projects with a number of aviation companies, such as:

- Hongsejiungshan Group Corp, China;
- Turkish Aerospace Company TUSAŞ;
- Revin Aviation, Sweden;
- Occitanie Aviation, France;
- Sportster, USA
- Noblewings, Poland



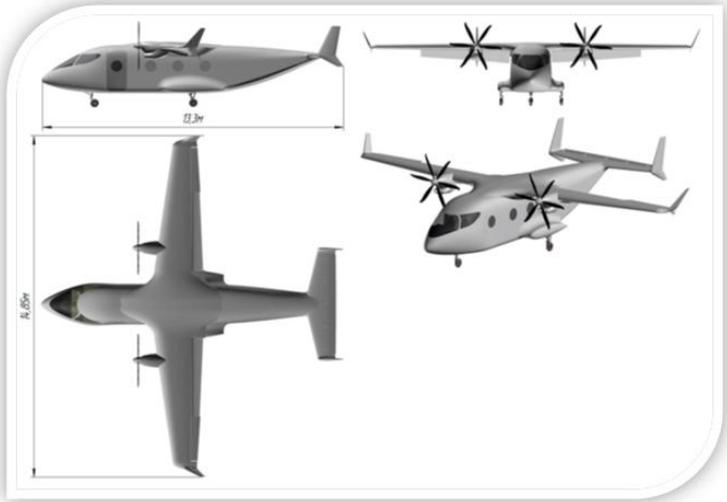
We successfully built the following projects:

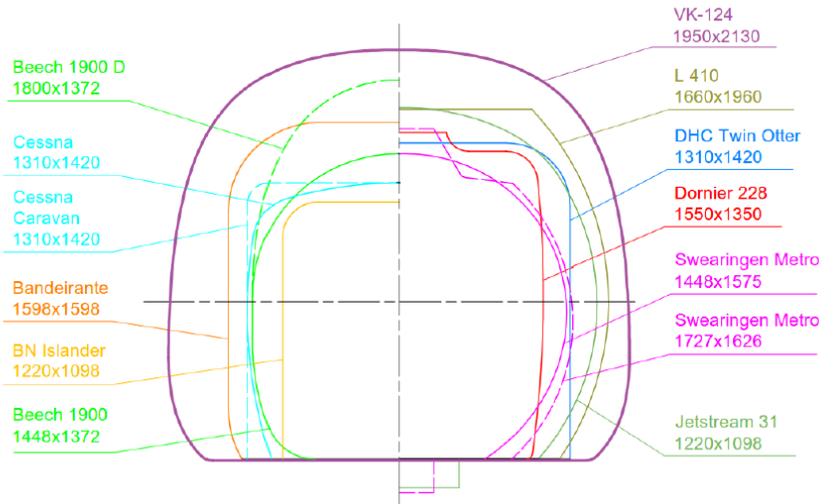
	<p>4-passanger premium plane V-24 Year built: 2012 Company: SOFTEX INVEST Chief Designer: Viktor Vashchenko Time from the start of designing to manufacturing and first take off: 1.5 years https://www.softex.aero/ https://www.youtube.com/user/SOFTEXVIDEO https://youtu.be/TFFcCRw4H9Y</p>
	<p>Two-passenger helicopter VV-2 Year built: 2016 Company: SOFTEX INVEST Chief Designer: Viktor Vashchenko Time from the start of designing to manufacturing and first take off: 2 years https://www.softex.aero/ https://www.youtube.com/user/SOFTEXVIDEO https://youtu.be/JBxozCC_k-k</p>
<p><u>At the build stage:</u></p>	
	<p>VV-22 is a new two-seat light helicopter powered by two 82 kW (110 hp) Viking-110 4-cylinder, liquid-cooled piston engines with composed 3-bladed main rotor and composed 2-bladed tail rotor. It has a side-by-side cockpit for a pilot and passenger. VAI-22 designed for private flights, training and sporting.</p>
	<p>V51/V52 a high-speed, five seat helicopter. This design has the best achievements in business class helicopter engineering. High operational characteristics and mobility of the helicopter allow to use for long- distance travel with a family and daily business flights.</p>

Please consider these new innovative projects designed by Viktor Vashchenko and his team:

	<p>VP-12 is a two-seater utility airplane, specially designed for multipurpose missions: pilot initial training, amateur adventure flights, soaring in sky, glider towing mission etc.</p> <p>At the customer's request, an aircraft can be built in several categories according to the CS-22 rules as a motor glider, according to CS – LSA as a light sport aircraft and according to LTF – UL - 2019 as an ultra-light aircraft.</p>
	<p>VP-12E is a two-seater utility airplane, specially designed for multipurpose missions: pilot initial training, amateur adventure flights, soaring in sky, glider towing mission etc. Plane with electric power unit.</p>
	<p>VAI-10 Capacity: 12 people. From the start of designing to first take off: 2 years Time to get it certified: 2 years</p>
	<p>VAI-41 Capacity: 4 people From the start of designing to first take off: 1.5 years Time on getting it certified: 2 years</p>

V-214 transport airplane





Multipurpose amphibian REVIN-12



Weight and volume

	WEIGHTS	
Take-off weight	4632 kg	10202 lbs
Standard useful load	1000 kg	2200 lbs
Empty weight	2100 kg	4625 lbs
Fuel weight	1532kg	3375 lbs





VV-14

Capacity: 4 people.

From the start of designing to first take off: 2 years



VAI-225TS

Capacity: 5 people.

From the start of designing to the first take off: 2 years



VAI-62

Capacity: 6 people.

From the start of designing to the first take off: 2 years

These are the other few designs using Czech aircraft engines TP-100 and TS-100 produced by PBS.



V12TP100



V10TP100



VAI-26



VV-4