

Volume of investments required: **\$ 2,000 thousand**

Intended use of investment required:

<b>R&amp;D</b> (digital synthesizer design for reproducing an acoustic field in the cabin of an aircraft simulator)	<b>100%</b>
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Company Profile:

1. Date of establishment - May 18, 2002. In accordance with the Resolution adopted by leading Russian companies, designers and producers of aircraft simulators, aimed at uniting and coordinating their activity in respect of design, production, and promotion on the international markets of modern competitive aircraft simulators.
2. Stage of development - Early stage.
3. Size and source of investment to date - \$ 5 mill.
4. Industry -aircraft simulator making
5. Target market - civil aviation
6. Sales in 2003 - \$ 160 th.
7. Description and value of assets - The company has been set up to work out a unified methodological, research, financial and economic, and production policy in the domain of aircraft simulator-making in the Russian Federation. According to its aim the company uses fixed assets under agreements entered into with the companies, members of the company.
8. Intellectual property rights - In accordance with its aims the company uses goodwill and intellectual property under agreements entered into with the companies, members of the company.
9. Signs of public recognition - Participation in scientific conferences in the Russian Federation. Articles published in the world largest and respectful magazine on simulator making and modeling «Military Simulation & Training»: ISSUE/2/2004, ISSUE/3/2004. Articles are prepared by the European Publishing House of the magazine and are written by its employees.

Owners:

"Aerospace Equipment" Corporation	<b>36%</b>
"United Aircraft Instrument-Making consortium"	<b>10%</b>
"Pirometr"	<b>4,5%</b>
«Central Aerohydrodynamic Institute named after Professor N. Ye. Zhukovsky»	<b>10%</b>
«State Aircraft Systems Research Institute»	<b>10%</b>
«Penza Modeling Design Bureau»	<b>5%</b>
«Design Bureau Sukhogo»	<b>10%</b>
«Penza Research and Production Enterprise» «Era»	<b>5%</b>
«Electroautomatika»	<b>3,5%</b>
«Aircraft Simulators»	<b>2%</b>
«Constantadesign»	<b>2%</b>
«NTTS SKORZ»	<b>2%</b>
Aggregate share of state property	<b>0%</b>

Management:

Aksenov Viktor Dmitrievich - Director General, 51, Lieutenant General (Reserve Aviation), honored military pilot of the Russian Federation, till 2002 Deputy Commander-in-Chief of the Air Forces of the Russian Federation, highly-professional

specialist in the domain of planning and management.

Avdonin Valery Pavlovich - Deputy Director on Planning and Supplies, 56 , Lieutenant General (Reserve Aviation). A highly-professional specialist in the domain of planning and management.

Product Characteristics:

Technical means of training and education of aircraft specialists: simulators of all classes and levels, training and computer classes, system and specialized modeling stands.

Comparative analysis with existing alternatives:

Characteristics	Comparative ratio	
	Technical means of training and education of aircraft specialists «Russian Center for Aircraft Simulator Making», 2003	Canada, CAE company, 2002, (accepted as a unit)
Technical and operational (resource, bulk and weight, consumed power, error free running time, number of personnel).	3,9	1
Methodical and didactical (simulation of external and internal acoustic field)	1,62	1
Cost (in respect to the Alternative)	0,16	1

Our company designs, produces, and supplies cost-effective technical means of training and education of aircraft specialists (a digital synthesizer of acoustic field is one of component modules, based on the use of information CALS technologies and WEB didactic provision, which allows enhancing technical and operational parameters and cost by 4.7.

Market/Competition:

	Characteristics	Products of an exhibiting company	AlternativeCanada, CAE company, 2002
2004	Geography: Asian-Pacific Region, South America, Africa, Near East, the Russian Federation. Market \$ 1.2 billion -Technical means of training and education of aircraft specialists; \$ 16.8 million - digital synthesizers for acoustic field.		
	Share of a company on the market \$ /%	\$ 0.66 bill. 9.24 mill.	Technical means of training and education of air-craft specialists digital synthesizers for acoustic field
2008	Geography: Asian-Pacific Region, South America, Africa, Near East, the Russian Federation. Market \$ 4.8 billi. -Technical means of training and education of aircraft specialists; \$ 53.2		

mill. - digital synthesizers for acoustic field.		
Share of a company on the market \$ /%	\$ 2.64 billion\$ 38.96 million	Technical means of training and education of air-craft specialists digital synthesizers for acoustic field

The calculations are made based upon conditions of supplies of aircraft produced in Russia onto the domestic and foreign markets. Technical means of training and education of aircraft specialists is considered as an integral part of a key item of supplies. According to the Resolution adopted by the Russian Aircraft Space Agency No. UK68 dated 28.06.2003, the company is defined as a head designer, producer, and supplier (including supplies onto foreign mar-kets) within the framework of the "Aerospace Equipment" Corporation in the domain of aircraft simulator making.