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Professor of the Department of "Space technique and technologies" of L.N. Gumilyov Eurasian National University, Head of "Aerospace and special machines" special design bureau

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Professional experience:

- from 06.2018 to now - Chief

Designer of «Aero-Space and Special Engineering», Astana

- 09.2012 - 02.2015 - Head of "Space technique and technologies" at L.N.

Gumilyov. ENU.

- 2008-2012 - Head of Department.

"Transport and Mechanical Engineering" Department,

- 2010-2011 -Vice-Rector for Science at Almaty Humanitarian and Technical University.

2009-2012 - Senior Researcher at "Mathematics and Mechanics" Institute at Al Farabi KazNU.

1983-2008 - Associate Professor of "Applied Mechanics" Department at M. Dulati TarSU

- 1978-1982 - trainee researcher and a graduate student of "Strength of Materials" Department at M.I. Kalinin Leningrad Polytechnic Institute, Leningrad

- 1974-1977 - Technical ideologue - tactical operational rocket systems, leading designer and department chief designer of the Petropavlovsk Heavy Machine Building Plant named after Lenin, the Ministry of Defense Industry of the USSR, Northern Kazakhstan

Research Grants:

1. Scientific grants for fundamental (2009-2011) and applied research (2009), MES of Republic of Kazakhstan;

2. Grant of Almaty Technological Park MIR, Republic of Kazakhstan (2011-2012);

3. Grant MES at GPIIR-2, direction - Space technique and technologies (2014-2015)

Author's courses: Mechanics of strength, design and building mechanics of ground missiles, rockets and spacecrafts, Fundamentals rocket and space mechanical engineering

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Publications (selected):

More than 100 articles in scientific journals and works of international conferences and development activities in the defense industry of the USSR.

1. The design documentation (DD) operational-tactical rocket systems (OTRS) - 9K713 and 9K726- "Scud"; PTRC - 9K79 "Tochka U"; PTRC - 9K79 "Point P"; Tehnich.Zadanie on PTRC 9K720-Iskander, CD-Navy cruise missiles submarine-based: P-700 "Granit" and P-800 "Onyx".

2. The design documentation, DD -Machine for high cycle fatigue testing. LenPI Kalinin, was Leningrad.1982.

3. Articles in the collection: International Forum of Leading Aerospace Universities, Berlin, 2014 and "Several ways for development of rocket and space equipment in Kazakhstan". International Scientific and Technical Conference, Almaty, 2013

4. Environmentally friendly transport means of vertical take-off and landing. Scientific and innovative trends in the field of space technologies and applied engineering. Digest Berlin, Germany, 2016, P.116 -118

5. Problems of education in space industry in Kazakhstan.Scientific and innovative trends in the field of space technologies and applied engineering. Digest Berlin, Germany, 2016, P.122 -124

6. Ecologically clean vehicle vertical take-off and landing. Trends of scientific and innovative development in the field of space technology and applied engineering, Collection of articles. Berlin, Germany, 2016, P.119 -121.

7. Urgency and justification of vertical take-off and landing vehicles. V International Scientific and Practical Conference: "Actual problems of transport and energy: the ways of their innovative solution", LN Gumilev ENU, Astana, 2017, P.392 -396.

8. The vehicle of vertical take-off and landing. V International scientific-practical conference on the topic: "Actual problems of transport and energy: the ways of their innovative solution", ENU named after LN Gumilyov, Astana, 2017, p.396-399.

9. About application of a vehicle of vertical take-off and landing. Materials of the Republican scientific and practical conference "Seyfullin reading-13", KSU named after S.Seifullin, Astana, 2017

10. On the relevance of a new type of vehicle and the state of design projects in Kazakhstan. Collection of articles on the materials of the LXIX international scientific and practical conference "Technical sciences - from theory to practice". Impact