

# DEVELOPMENT STRATEGY OF DESIGN METHODS OF HIGH-SPEED BEARINGS OF AEROSPACE APPLICATION

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In report are examined difficulties in calculation and designing, manufacturing and testing of backbone bearings of the aviation gas turbine engines.

*Rotor supports, rolling bearings, workability*

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## References

1. Baljakin V. B., Zhilnikov E.P., Samsenov V. N., Makarchuk V.V. Theory and engineering bearing of rotors of aviation Gas Tur-

bine Engines. – Samara: Publishing house of the Samara State Space University, 2007. – 254 p., il.