

Contract Governing:

The Usage of Geometry and Measurement Data of the Low Speed Large Scale Axial Compressors, Stage-A&B, of Research Institute of Aero-Engine (RIAE) at Beihang University.

1. Scope of the cooperation

The aim is to share data of the Low Speed Large Scale Axial Compressors, Stage-A&B, with a select group within the turbomachinery community to improve component design, improve numerical tools, and increase the understanding of flow physics involved. Experiments and gathering of data have been and will be carried out by the Compressor Aerodynamic Design Group of RIAE, exclusively.

2. Confidentiality agreement

The data provided by the Compressor Aerodynamic Design Group of RIAE remains the property of the Compressor Aerodynamic Design Group of RIAE. The data is intended to be used by the registered attendee (individual use) and must not be further distributed to a third party without the written permission of the Compressor Aerodynamic Design Group of RIAE. Until the data is released publically, the data, including any analysis of the data, can only be included in a publication where the named registrant, who is the Person received the data, is an author.

3. Costs and Warranty

Data will be made available to the signing party by the Compressor Aerodynamic Design Group of RIAE at no charge and on an as-is basis. No warranties of any kind are given.

4. Liability

The Compressor Aerodynamic Design Group of RIAE assumes no liability for any results derived from the shared data or direct or indirect damages, except for the provisions of the applicable law.

5. Referencing

All publications related to the PIV measurement data of the shared RIAE compressor case data provided under this contract have to be referenced to the following publication:

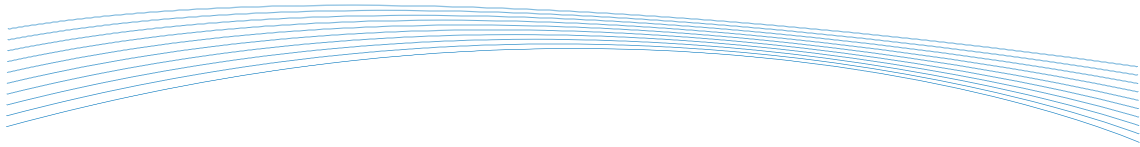
Hui Du, Xianjun Yu, Zhibo Zhang, Baojie Liu, "Relationship between the Flow Blockage of Tip Leakage Vortex and its Evolutionary Procedures inside the Rotor Passage of a Subsonic Axial Compressor", Journal of Thermal Science, 2013, 22(6): 522-531.

All publications related to the pneumatic probe measurement and the oil-flow measurement data of the shared RIAE compressor case data provided under this contract have to be referenced to the following publication:

Guangfeng An, Shuai Zhang, Xianjun Yu, Baojie Liu, Guoqiang Yi, "Experimental study of the Critical Incidence Phenomena in low speed compressor stators with both conventional and 3D blading designs", Aerospace Science and Technology, 2020, 99: 105771.

6. Applicable Law and Jurisdiction

This contract, as well as any and all matters arising from it, shall exclusively be governed by and interpreted in accordance with the laws of China, excluding its principles of conflict of laws. If a dispute arising from this contract cannot be settled amicably by the parties themselves, the courts of Beijing, China shall have exclusive jurisdiction.



By signing this contract, the undersigned agree to all terms of the above agreement in their entirety.

Institution providing data


Beihang University:

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Authorized Signatory:
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Head of the Compressor Aerodynamic Design
Group of RIAE
Email: liubj@buaa.edu.cn

Beihang University, May 11th, 2022

Signature:.....


Person receiving data

Name:

Title:

Institution:

Address:

Email:

Place, Date:

Signature: