JUNYI WANG

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HIGHER EDUCATION

MS in Aerospace Science and Technology (Helicopter) — GPA: 88/100
Nanjing University of Aeronautics and Astronautics, China — 2011–2014

BS in Aircraft Design and Engineering — GPA: 88/100
Nanjing University of Aeronautics and Astronautics, China — 2007–2011

Exchange Student in Aerospace Engineering — GPA: 3.5/4.0
Royal Melbourne Institute of Technology, Australia — Spring, 2010

RESEARCH RECORD

Research Assistant — 2011–2014
Helicopter Technology Institute, College of Aerospace Engineering
Nanjing University of Aeronautics and Astronautics

EMPLOYMENT RECORD

Project Manager — 2014–Present
Helicopter Department, Product Management Division
China National Aero-Technology Import & Export Corporation

JOURNAL PUBLICATIONS

1. **Wang J.**, Zhao Q., Ma L., "Structural Parameter Analyses on Rotor Airloads with New Type Blade-Tip Based on CFD/CSD Coupling Method", *Trans. Nanjing Univ. Aero. Astro.*, vol.33, no.6, p.678-686, 2016.

2. **Wang J.**, Zhao Q., Ma L., Li P., "High-precision Prediction on Unsteady Aeroelastic Loads of Helicopter Rotors under Blade-vortex Interaction Condition", *Journal of Aerospace Power*, vol.30, no.5, p.1267-1274, 2015.

3. **Wang J.**, Zhao Q., Xiao Y., "Calculations on Aeroelastic Loads of Rotor with Advanced Blade-tip Based on CFD/CSD Coupling Method", *Acta Aeronautica et Astronautica Sinica*, vol.35, no.9, p.2426-2437, 2014.

4. Wang B., Zhao Q., Xu G., Ye L., **Wang J.**, "Numerical Analysis on Noise of Rotor with Unconventional Blade Tips Based on CFD/Kirchhoff Method", *Chinese Journal of Aeronautics*, vol.26, no.3, p.572-582, 2013.

CONFERENCE PROCEEDINGS

1. **Wang J.**, "Air-to-Ground Reconnaissance/Strike Effectiveness Analysis on Unmanned Helicopter", *Proceedings of the 34th Chinese Rotorcraft Forum*, September, 2018.

2. **Wang J.**, Zhao Q., Xiao Y., "Aeroelastic Characteristics Analysis of Helicopter Rotors Based on CFD/CSD Coupling Method", *Proceedings of the 2nd Asian/Australian Rotorcraft Forum the 4th International Basic Research Conference on Rotorcraft Technology*, September, 2013.

3. **Wang J.**, Zhao Q., Xiao Y., "Rotor Airloads Prediction and Effect Analysis of Blade Structural Parameters Based on CFD/CSD Method", *Proceedings of the 29th Chinese Rotorcraft Forum*, August, 2013.

HONORS AND AWARDS

National Scholarship	2008
NUAA Scholarship	2007–2011
Outstanding Master Thesis	2014
Outstanding Graduate Student	2014
Excellent Employee	2016, 2019

COMPUTER SKILLS

Programming:	Fortran, C/C++, Matlab
Operating system:	Linux, Windows
Modeling/analysis:	Catia, Patran/Nastran, Fluent
Post-processing:	Tecplot, Origin
Technical writing:	Latex, Microsoft Word

STANDARD TESTS

GRE: V160+Q169+AW4.0 **TOEFL**: 104