

New Energy and Industrial Technology Development Organization
(NEDO)

Contract research

The principal investigator: Shigeru Obayashi
Institute of Fluid Science, Tohoku University
☐ Institute of Fluid Science, Tohoku University
3. "Development of a Simulator for Unsteady Aerodynamic Design with Icing"
☐ School of Engineering, Tohoku University
1. "Development of Simulator for Airframe Design"
2. "Virtual testing to lessen the cost of the certification"
4. "Development and experimental verification of a simulator for designing airframe structures by utilizing the characteristics of composites"

Research issue 1

"Development of Simulator for Airframe Design"

The place of research

- [1] Sophia University, Faculty of Science and Technology
- [2] Kawasaki Heavy Industries, Ltd.

Re-
entrustment

Research issue 2

"Virtual testing to lessen the cost of the certification"

The place of research

- [1] Sophia University, Faculty of Science and Technology
- [2] Kawasaki Heavy Industries, Ltd.
- [3] Institute of Composite Materials, Toray Industries, Inc.

Re-
entrustment

Joint Implementation

Research issue 3

"Development of a Simulator for Unsteady Aerodynamic Design with Icing"

The place of research

- [1] Mitsubishi Aircraft Corporation

Joint Implementation

Research issue 4

"Development and experimental verification of a simulator for designing airframe structures by utilizing the characteristics of composites"

The place of research

- [1] Tokyo Institute of Technology, Graduate School of Engineering
- [2] Institute of Composite Materials, Toray Industries, Inc.
- [3] Tokyo University of Science, Department of Mechanical Engineering Faculty of Science and Technology

Re-
entrustment

Research issue 4

"Development and experimental verification of a simulator for designing airframe structures by utilizing the characteristics of"

The place of research

- [1] Japan Aerospace Exploration Agency (JAXA)