Comparison of Strain Distribution Between Results of Flight Test and Finite Element Analysis

● **Responsible Representative**

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● **Abstract**

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● **Reasons for using JSS2**

Because complex real aircraft configuration is very expensive for simulation

● **Achievements of the Year**

The strain distribution measured in the flight test was compared by loading the aerodynamic force of Hisho analyzed by JSS2 into the finite element model.

● **Publications**

N/A

● **Usage of JSS2**

● **Computational Information**

Process Parallelization Methods	MPI
Thread Parallelization Methods	N/A
Number of Processes	224
Elapsed Time per Case	10 Hour (s)

● **Resources Used**

Fraction of Usage in Total Resources[*1] (%): 0.00

Details

Computational Resources		
System Name	Amount of Core Time (core x hours)	Fraction of Usage[2] (%)
SORA-MA	32,977.08	0.00
SORA-PP	295.82	0.00
SORA-LM	80.01	0.04
SORA-TPP	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage*2 (%)
/home	16.21	0.02
/data	162.12	0.00
/ltmp	3,320.31	0.28

Archiver Resources		
Archiver Name	Storage Used (TiB)	Fraction of Usage*2 (%)
J-SPACE	0.00	0.00

[1]: Fraction of Usage in Total Resources: Weighted average of three resource types (Computing, File System, and Archiver).

[2]: Fraction of Usage: Percentage of usage relative to each resource used in one year.