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Abstract:

Research Plan at NAL on Drop Test of Fuselage Structure of YS-11 Turbo-prop Transport Aircraft

The report is on the plan for the drop test of fuselage section of YS-11 Transport Aircraft, which will be conducted this year. The objectives of the test are as follows:

- 1) To compare the test results with FEM crash dynamic analysis.
- 2) To evaluate the energy absorption characteristics of the integrated structure with sheets, floor and structural components."