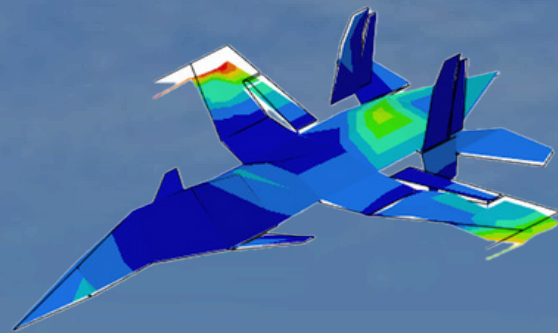


GVT & FLUTTER ANALYSIS

Ground-truth your aircraft's dynamics



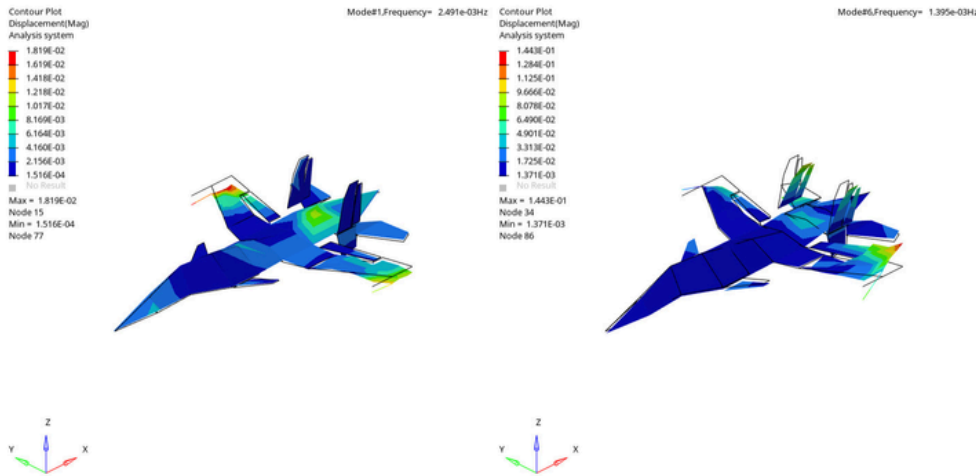
Blue Hat Solutions

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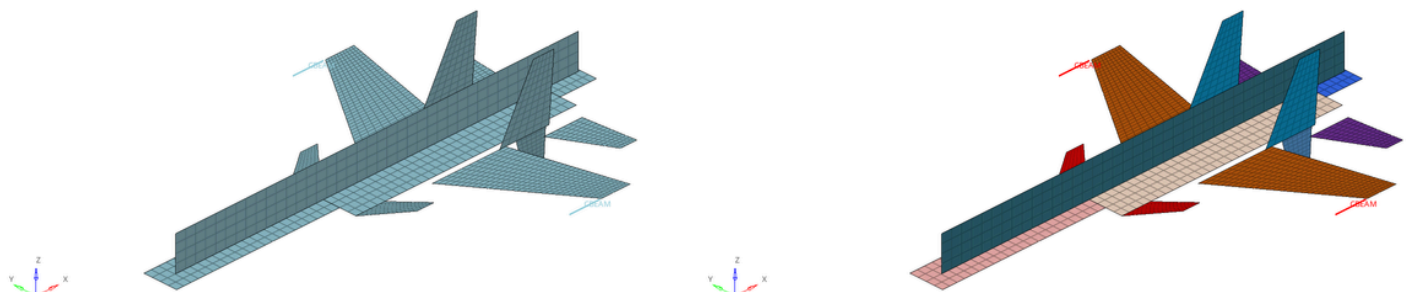


Equivalent FEA model of Su-30 Aircraft

Process

BHSPL holds rich experience of conducting **Ground Vibration Tests and Flutter Analysis on aircraft of both Russian and Western Origins.**

The structural dynamics of a bought-out aircraft is less understood due to lack of design data provided by the OEM's. Any modification or implementation of new systems on the aircraft leads to a change in the dynamic characteristics of the aircraft. **To identify these dynamic characteristics**, GVT is conducted and is followed up by Flutter Analysis.



Aerodynamic Meshed Model

These dynamic characteristics captured through GVT are used for estimation of the flutter margins of the aircraft for compliance to MIL-STD-8870.