SimOps Structural Report

Component: Cube
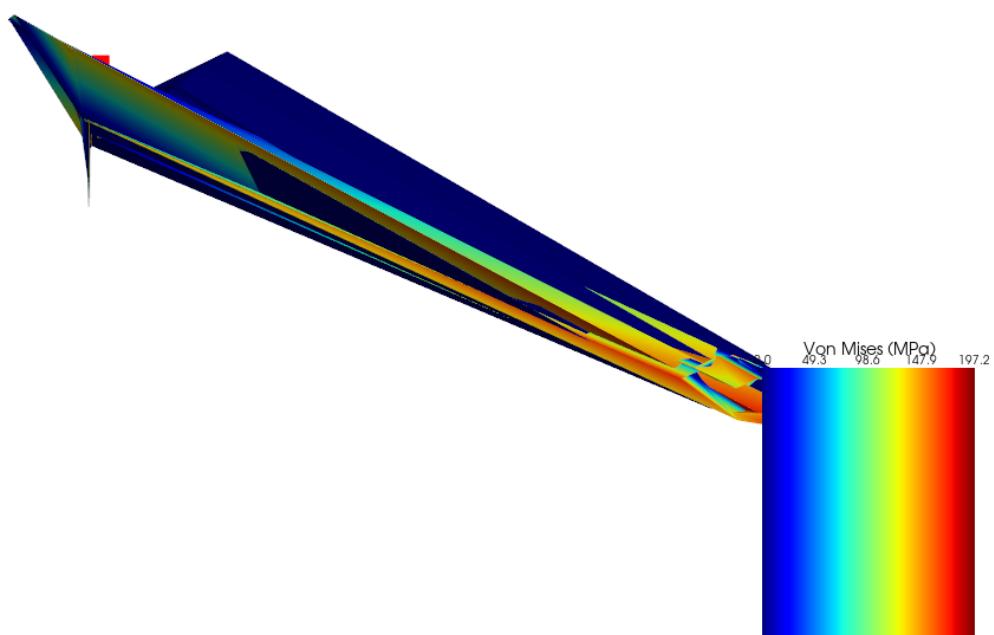
Date: 2025-12-27 20:02

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	225.69 MPa
Max Displacement:	95.3032 mm
Safety Factor:	1.22
Elements:	1,148
Nodes:	2,104

Stress Distribution
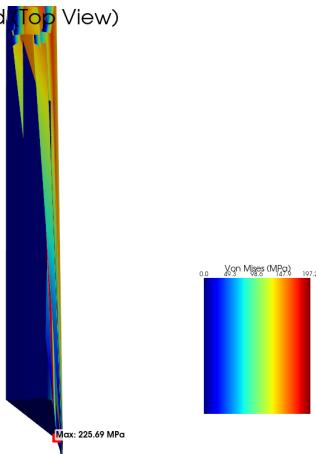
Static Structural: 1G Z-Load (Iso View)

Von Mises (MPa)

Additional Views
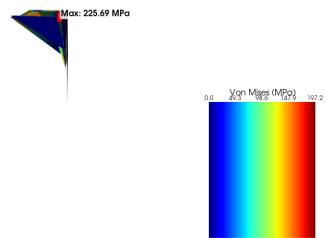
Top
Static Structural: 1G Z-Load (Top View)

Max: 225.69 MPa

Von Mises (MPa)
0.0   49.3   98.0   147.9   197.2

Front
Static Structural: 1G Z-Load (Front View)

Max: 225.69 MPa

Von Mises (MPa)
0.0   98.0   147.9   197.2

Side
Static Structural: 1G Z-Load (Side View)

Von Mises (MPa)
0.0   49.3   98.0   147.9   197.2