

SimOps Structural Report

Component: L_bracket

Date: 2025-12-27 20:01

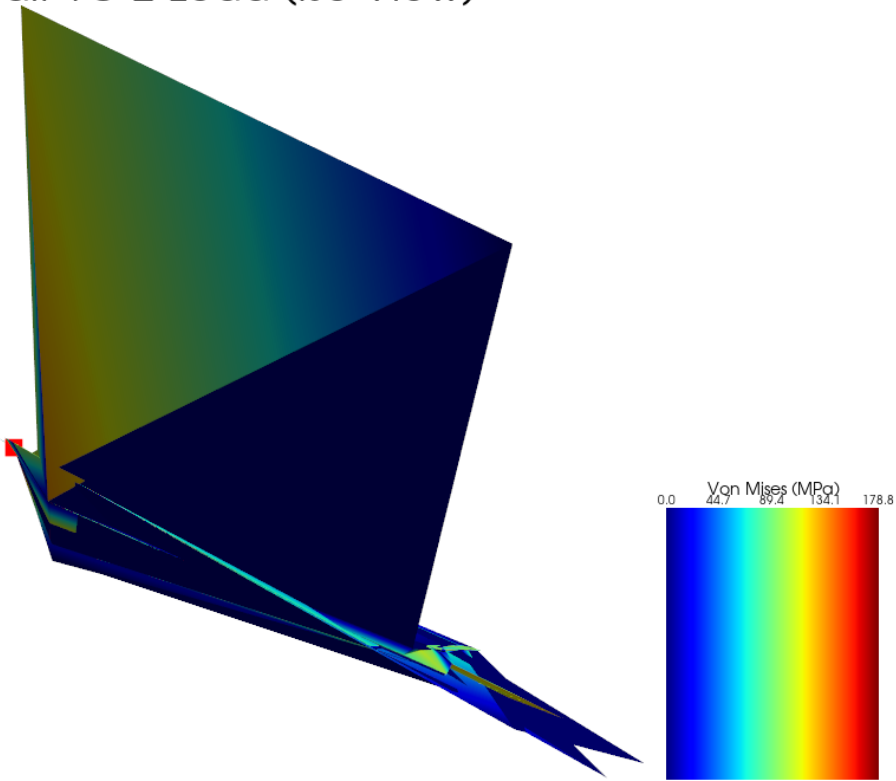
PASSED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	178.78 MPa
Max Displacement:	118.6739 mm
Safety Factor:	1.54
Elements:	422
Nodes:	937

Stress Distribution

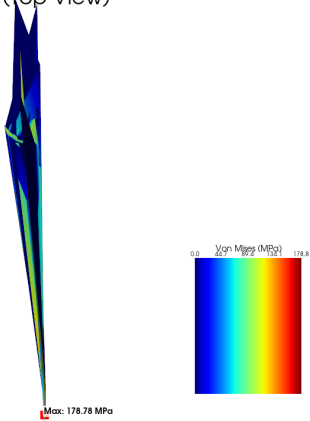
Static Structural: 1G Z-Load (Iso View)



Additional Views

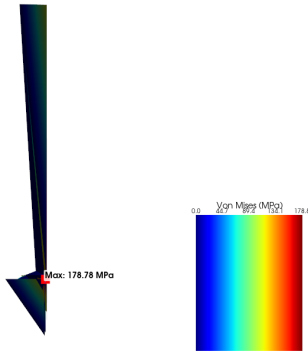
Top

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



Front

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



Side

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

