

# SimOps Structural Report

Component: L\_bracket

Date: 2025-12-27 20:03

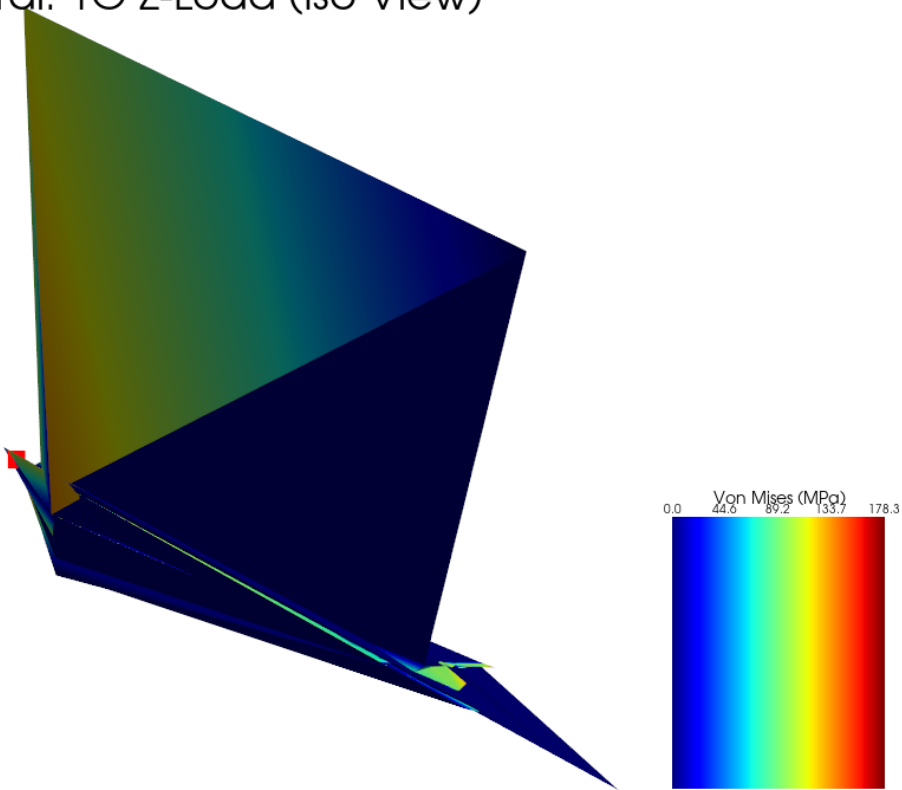
PASSED

## Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	178.32 MPa
Max Displacement:	118.4524 mm
Safety Factor:	1.55
Elements:	421
Nodes:	936

## Stress Distribution

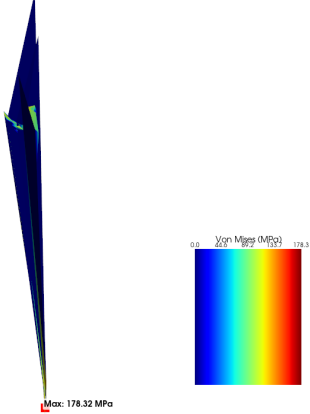
Static Structural: 1G Z-Load (Iso View)



# Additional Views

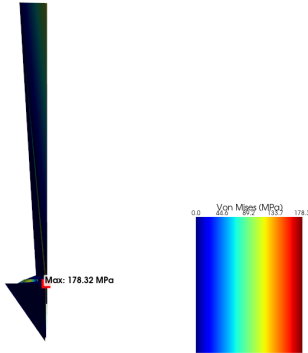
## Top

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



## Front

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



## Side

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

