

# SimOps Structural Report

Component: L\_bracket

PASSED

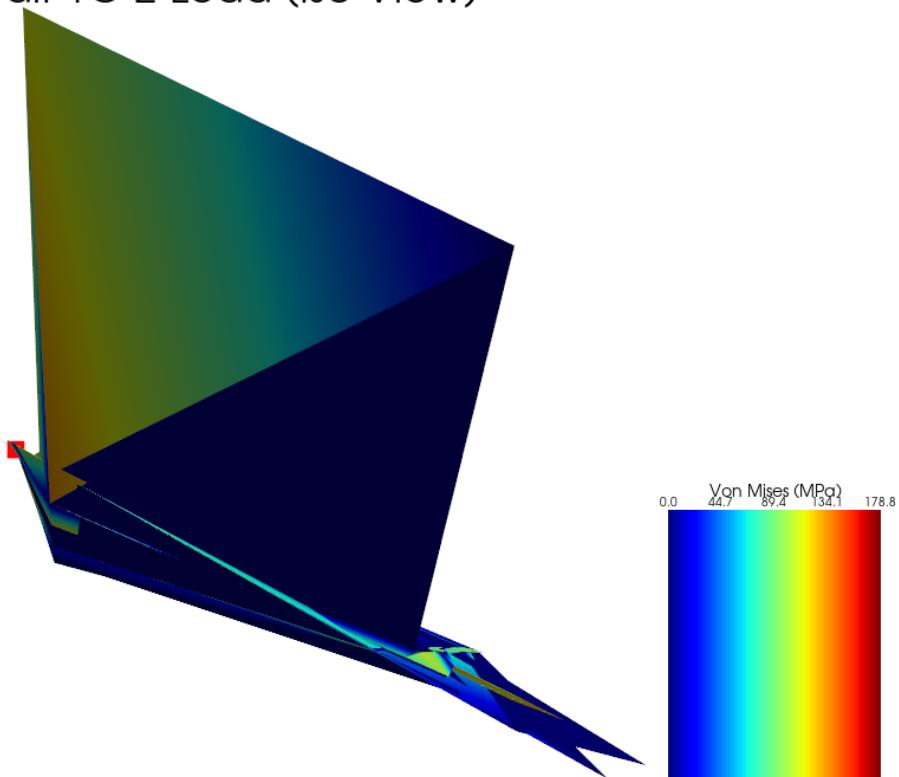
Date: 2025-12-27 20:01

## 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

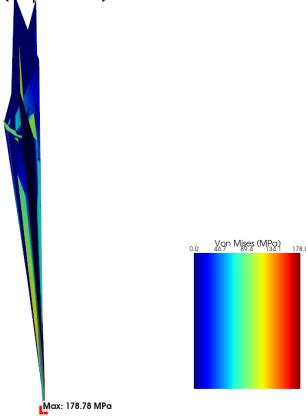
Static Structural: 1G Z-Load (Iso View)



## Additional Views

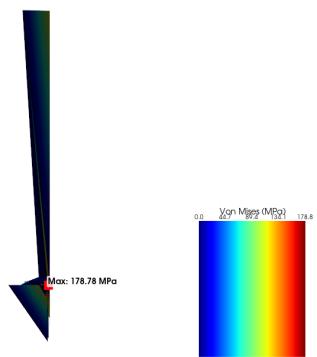
### Top

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



### Front

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



### Side

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

