

SimOps Structural Report

Component: Cylinder

Date: 2025-12-27 20:03

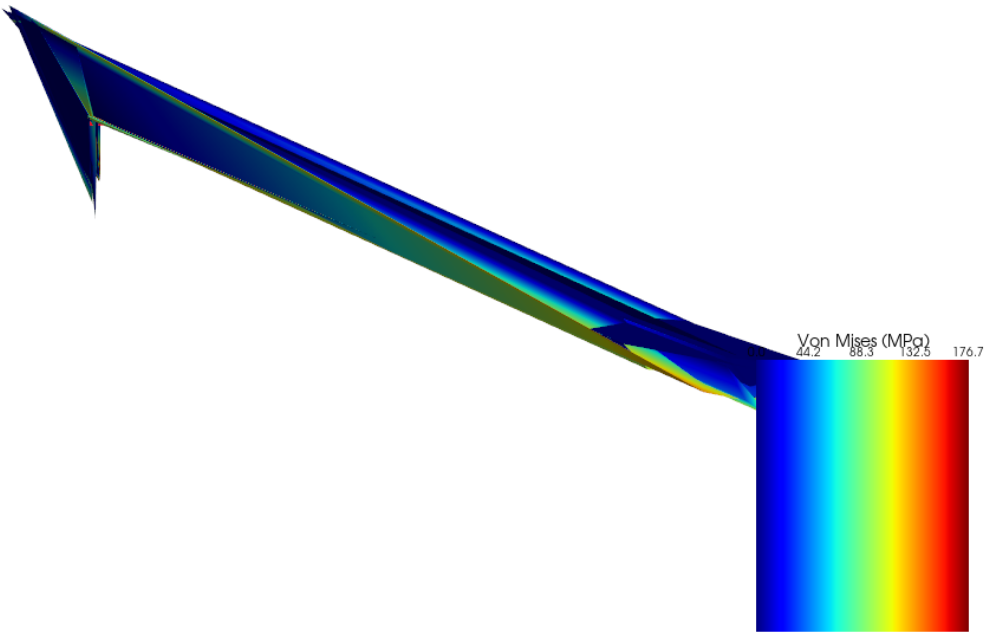
PASSED

Analysis Metrics

Strategy:	Default
Load Case:	1.0G Z-Load
Max Von Mises Stress:	196.72 MPa
Max Displacement:	87.3947 mm
Safety Factor:	1.40
Elements:	632
Nodes:	1,302

Stress Distribution

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



Additional Views

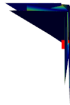
Top

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



Front

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



Side

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

