Table 7 Maximum von mises stress under different crane loading angles

No.	Angle Relative to Bow (°)	Von Mises Stress (MPa)	Figure No.
1	0	154.3	15
2	45	111.0	16
3	90	139.3	17
4	135	112.8	18
5	180	160.4	19
6	225	117.0	20
7	270	137.6	21
8	315	105.6	22