

Trial #	Test Item	Seat Load [lb]	Turnbuckle Load [lb]	TB Stress [MPa]
1	Weighted plate	25	25	8.85
2	2 weight plates	50	50	17.69
3	Adult male	165	165	58.41
4	Adult and plate	190	190	67.26
5	2 Adult males	330	330	116.82