

Results of tension tests on specimens cut out of old Spruce stringer.
Beam LX. (Fig. 129.)

Load in lbs.	Readings taken by					
	5 EXT.	Rate	6 EXT.	Rate	8 EXT.	Rate
100	0	..	0	..	0	..
200	54	..	127	..	90	..
400	191	..	276	..	259	..
600	344	..	469	..	415	..
800	497	..	652	..	610	..
1,000	657	..	870	..	780	..
1,100	..	..	960	0	..	..
1,200	811	..	..	..	950	..
1,300	..	..	..	..	1,040	0
1,400	967	..	..	..	..	..
1,500	1,040	0	..	5	..	..
1,600	..	..	..	..	..	5
1,800	..	5	..	..	..	8
1,900	..	..	..	11	..	..
2,000	..	9	..	..	..	11
2,300	..	..	..	18	..	..
2,400	..	14	..	..	..	17
2,700	..	..	..	25	..	..
2,800	..	20	..	..	..	23
3,100	..	..	..	31	..	..
3,200	..	25	..	..	..	29
3,500	..	..	..	37	..	..
3,600	..	31	..	..	..	35
3,900	..	..	..	45	..	..
4,000	..	35	..	..	..	41
4,200	..	..	..	50	..	..
4,400	..	40	..	..	..	49
4,700	..	48	..	57	..	..
4,800	..	..	..	61	..	54
5,000	..	50	..	..	..	57
5,400	..	..	..	70	..	63
5,500	..	..	..	80	..	..
6,000	..	..	..	88	..	..
6,500	..	..	..	..	..	..
Total breaking weight in lbs.	8,100	..	6,750	..	5,600	..
Breaking weight in lbs. p. sq. in.	11,445	..	10,206	..	8,004	..
Coefficient of elasticity in lbs.	1,830,650	..	1,547,350	..	1,647,450	..
Time of test in minutes.	22	..	31	..	22	..