Design (never-exceed) Loads

- Stab load: 15 lb @ 100 mph, CL=1.0
- Root bend mom.: 43 lb-in
- Root cap load: 140 lb
- Root cap area: 0.00565 in²
- Root cap stress: 25 ksi

Weights

- Spars: 5.0 g
- Foam: 8.4 g
- Balsa: 0.4 g
- LE strip: 0.8 g
- Paint: 0.8 g
- Skin: 9.0 g
- TOTAL: 24.4 g

Supra F3J/TD Stab

MD 14 May 04
HT12 (5.0%) 2.0" chord 13.0" semispan