

LSC Tow Rope Guide



Tow Rope Strength Requirements

Aircraft	Max Wt	80%	200%
SGS 1-26	600	480	1200
Duster	620	496	1240
PW-5	660	528	1320
SGS 1-35	660	528	1320
Ka-6	670	536	1340
L-33	750	600	1500
SGS 1-34	840	672	1680
Cirrus	860	688	1720
DG-101	922	738	1844
Pegasus	1003	802	2006
SGS 2-33	1040	832	2080
Grob G103	1279	1023	1662*max

91.309 (a) (3) - The towline used has breaking strength not less than 80 percent of the maximum certificated operating weight of the glider or unpowered ultralight vehicle and not more than twice this operating weight. However, the towline used may have a breaking strength more than twice the maximum certificated operating weight of the glider or unpowered ultralight vehicle if—

(i) A safety link is installed at the point of attachment of the towline to the glider or unpowered ultralight vehicle with a breaking strength not less than 80 percent of the maximum certificated operating weight of the glider or unpowered ultralight vehicle and not greater than twice this operating weight;

(ii) A safety link is installed at the point of attachment of the towline to the towing aircraft with a breaking strength greater, but not more than 25 percent greater, than that of the safety link at the towed glider or unpowered ultralight vehicle end of the towline and not greater than twice the maximum certificated operating weight of the glider or unpowered ultralight vehicle;

Primary LSC Tow Rope – ¼” diameter hollow braid polypropylene
1000 lb tensile strength