AMERICAN MADE

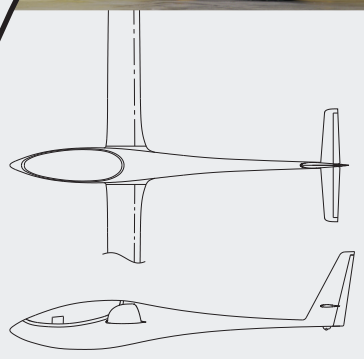
DUCKHAWK

THE FASTEST GLIDER IN THE WORLD

The DuckHawk is the result of tremendous determination and the relentless pursuit of performance. The use of carbon fiber prepreg material combined with the high temperature epoxy resin system allows for a cross country sailplane that is far stronger and more durable than any other sailplane on the market. The unrivalled strength and durability of the DuckHawk provides a level of safety that has never before been possible in the sport of soaring.

The heart and soul of any sailplane is the wing and the DuckHawk wing is the best one that money can buy. The continuous curvature elliptical planform is a synergy of multiple airfoils each meticulously designed by Greg Cole. Excellent handling qualities are the core of all Windward Performance sailplane designs and the DuckHawk reigns supreme, maximizing your enjoyment and enhancing safety in both slow and high speed flight.

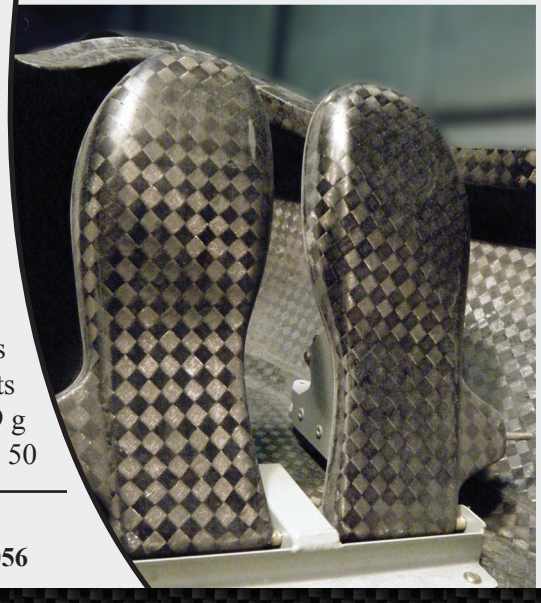
The combination of the aerodynamics and structural strength achieved at a lighter weight allow you to out climb and out run your opponent. The DuckHawk is a 15m sailplane that allows the pilot to also compete with the 18m and open class planes. Never again back off in that phenomenal wave lift or slow down under a cloudstreet just speed up, smile and enjoy it. The DuckHawk is the only sailplane superior for all conditions weak to strong and it's built to let you go smash records.



DuckHawk

Technical Data

	DuckHawk V	DuckHawk SV	DuckHawk VNX
Empty Weight	390 lbs	420 lbs	460 lbs
Gross Weight	960 lbs	960 lbs	1150 lbs
Wing Span	49.2 ft (15m)	49.2 ft (15m)	49.2 ft (15m)
Wing Area	80 ft²	80 ft²	80 ft²
Aspect Ratio	30:1	30:1	30:1
Max Wing Loading	12 lbs / ft²	12 lbs / ft²	14.4 lbs / ft²
Min Wing Loading	6.6 lbs / ft²	7 lbs / ft²	7.5 lbs / ft²
Maneuver Speed	115 Kts	160 Kts	170 Kts
Redline Speed VNE	168 Kts	200 Kts	225 Kts
Load Limits	+7 / -5 g	+11 / -9 g	+11 / -9 g
Best L/D (calculated)	50	50	50



WINDWARD PERFORMANCE LTD.

www.windward-performance.com
***email:* info@windward-performance.com** ***telephone:* (541)-382-1056**