

## TPG & IHLGF thank Northeast Sailplanes

*Editor and Ron Scharck*

Thanks to Sal and Carolyn DeFrancesco of Northeast Sailplanes for their generous support of the club and for the sponsorship of the 1999 IHLGF. Please check-out two of their HLG products described here.

### Psyko HLG

Wingspan: 60"; Wing area: 365 sq. in., Weight: 9-11 oz., Wing loading: 3.5-4 oz./sq. ft., Airfoil: MH32 Skill level: ADV /ADV, Radio: standard receiver, 4 micro servos, 120 mah battery pack,

This is a good one! Designed by Daryl Perkins to win contests, the Psyko HLG is a no holds barred competition hand launch. Daryl wanted to have the best launching, most maneuverable and highest flight performance available. We believe he has done just that.

When we say no compromises we mean it...from the very small streamlined fuselage to the triple taper computer designed wing. Using the latest, smallest radio gear available, the fuselage was designed to be the minimal possible size to fit the equipment. The obvious benefit is reduced drag and this fuselage certainly does this well, but a hidden benefit is the low weight. The Psyko fuse weighs just one ounce and is very strong and crash resistant.

The wings are carefully designed and built for minimum weight while maintaining adequate strength and accurate profile. As you would expect from our competition series kits, nothing but the best materials and construction techniques are used on the Psyko HLG. The wings are composites of foam with CF mat to induce profile rigidity and are covered with several layers of lightweight fiberglass cloth. The combination results in a wing which is very light (125 gms!), rigid and able to withstand hard high launches. The tails are balsa sheets covered with a light fiberglass cloth. All flying surfaces are prepainted. The wings have the aileron; servo bays and wire tunnels cut. The hardware is complete and includes CF pushrods for lightest possible weight.



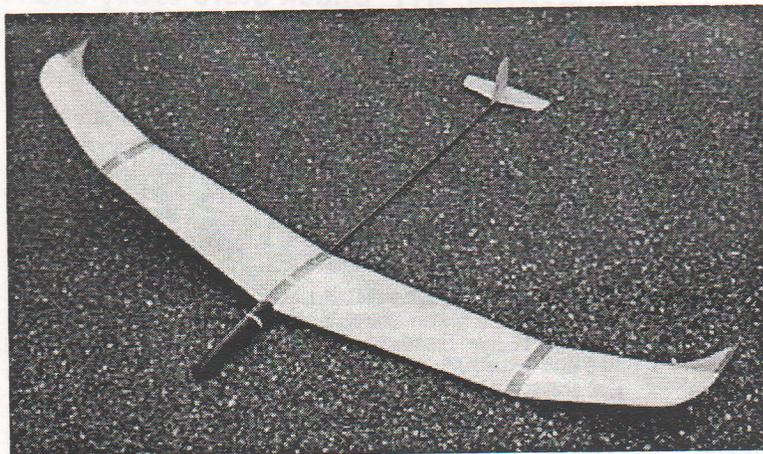
**Psyko- Hand Launch Glider**

### Logic Thermalworks

Wingspan: 59.25", Wing area: 355 sq. in., Weight: 8-9 oz., Wing loading: 4 oz./sq. ft., Airfoil: SD7080, Skill level: ADV/ADV, Radio: micro receiver, 2-4 micro servos, micro receiver, and 110 mah battery pack.

The Logic is an all-composite hand launch design. Performance gains have been achieved by extensive drag reduction, weight reduction, a refined wing section and platform, and improved launch system.

The wing and tail are vacuum bagged and heat cured glass and carbon over foam. The wing section is a modified blended SD 7080, optimized for a shorter chord. It provides an excellent combination of climb, glide and penetration. The tail section is a made of balsa and carbon fiber and is designed to be the ultimate in low drag and light weight. The fuselage is molded from carbon and kevlar and cured at high temperature under vacuum. It is very tough. It is also very light. At **25 grams**, We believe this is by far the lightest hand launch fuselage available. Canopy and wing mounts are installed. Little finishing is required.



**Logic- Hand Launch Glider**

**For more details and pricing on the complete line of products, check out Northeast Sailplanes website -- [www.nesail.com](http://www.nesail.com)**