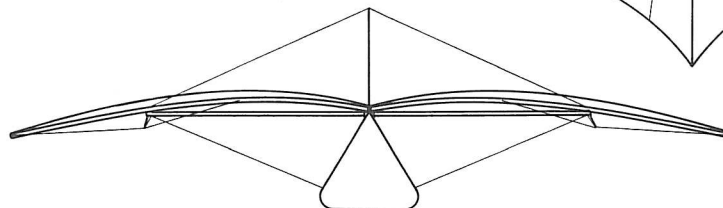
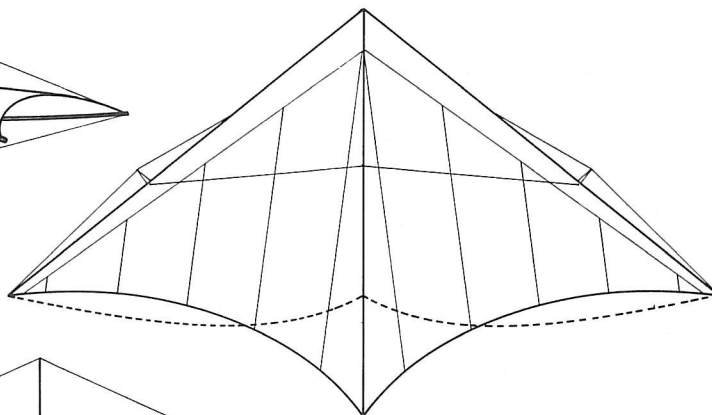
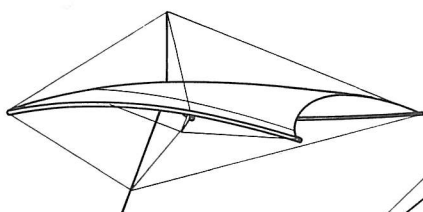


SEAGULL IV



Specifications

Model Sizes	19x17
Leading edge - ft.	19
Keel length - ft.	17
Wing span - ft.	29.5
Wing area - ft.	174
Aspect ratio	5.0
Nose angle - degrees	102
Sail billow - degrees	2
Weight - lbs.	42
Pilot weight - lbs.	130-175
Wing loading - lbs./sq. ft.	.98-1.25
Set-up time - min.	5



Estimated Flight Performance

Take-off speed - mph.	14
Stall speed - mph.	17
Maximum speed - mph.	45
Best glide (L/D) ratio	6.5:1
Speed for best L/D - mph.	22
Minimum sink rate - ft./min.	270

375,-

General Description

The Seagull IV is a high performance glider designed for Hang Three pilots and for open competition. It is a direct descendent of the Seagull III, using the same truncated conical shape, but with much higher performance characteristics. The Seagull IV has the same nose angle and curved leading edges, but a much shorter, curved keel. The sail is very flat and its trailing edge is roached outward, instead of the normal hollow cut. This was the first glider designed with a shaped, cambered keel and a roached, battened sail.

Materials and Construction

Airframe.

Made from 6061-T6 1 3/4" x .058 anodized aluminum tubing.

Rigging.

Cable is 7 x 19 stainless steel with white vinyl coating.

Hardware.

All aircraft quality stainless steel.

Sail.

Made from 3.8 oz. stabilized dacron. Choice of 12 colors or combinations. Special designs upon request.

Pilot Support System.

Option of seated, supine or prone harness.

Special Features

Adjustable trim allows pilot to adjust his control bar pressure for ideal comfort in varying conditions. Split crossbars for convenience. Padded control bar. Comes with storage bag.