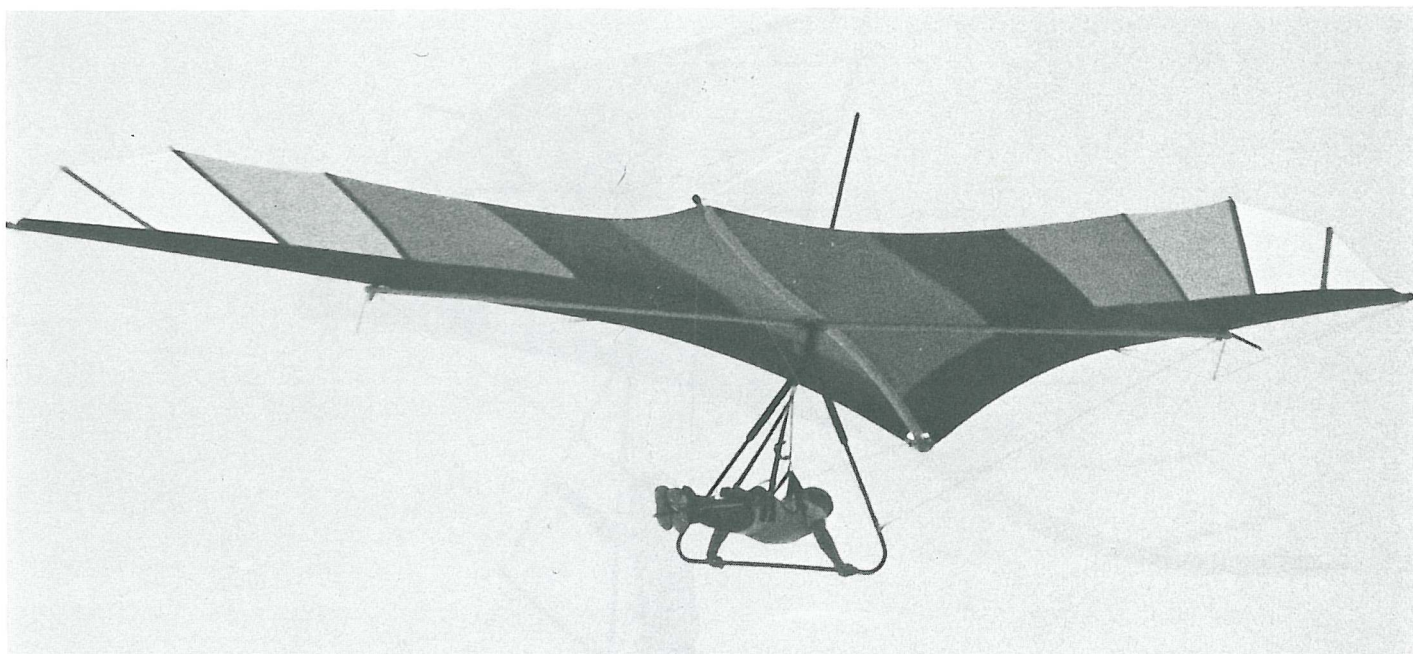


SEAGULL VII



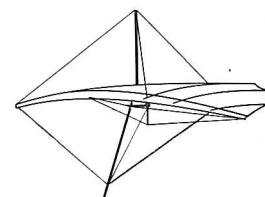
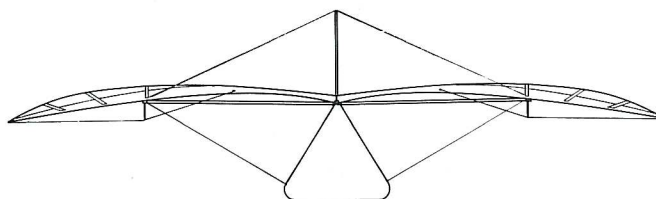
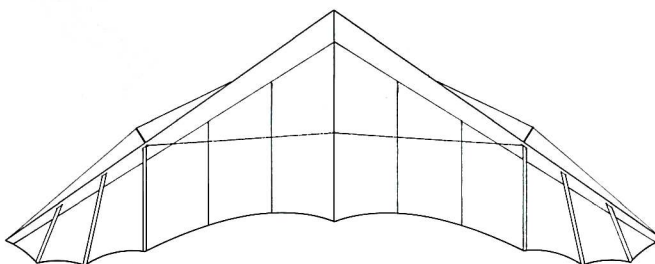
Specifications

Model Sizes

Leading edge - ft.	19	20
Keel length - ft.	11	12
Wing span - ft.	31.4	33
Wing area - sq. ft.	161.1	184.9
Aspect ratio	6.13	5.89
Nose angle - degrees	110	110
Sail billow - degrees	0	0
Weight - lbs.	46	48
Pilot weight - lbs.	130-165	155-220
Wing loading - lbs./sq. ft.	1.09-1.31	1.09-1.44
Set-up time - min.	8	8

Estimated Flight Performance

Take-off speed - mph.	12	12
Stall speed - mph.	16	16
Maximum speed - mph.	50	50
Best glide (L/D) ratio	8.5:1	8.5:1
Speed for best L/D - mph.	24	24
Minimum sink rate - ft./min.	237	234



General Description

The Seagull VII is the state of the art in flexible wing glider technology. Designed around the flowing, curved tubing that is a Seagull hallmark, the Seagull VII maximizes the aerodynamic rewards of these contours. In flight this glider resembles more a solid, structured fixed wing than one of cloth. Most gliders achieve yaw stability from a billowed sail which provides some vertical surface while also increasing drag, thus reducing performance. The Seagull VII sail, however, is sewn with no billow, the stability being derived from the curved tubing and diffused wing tips. Also, low billow sail cuts resist prolonged sail inversions in thermal turbulence. By building the sail in this manner, the shape is controlled to provide optimum lift distribution and spanwise twist unavailable on other flexible wing gliders. The anhedral tips combined with the radial, tapered-foam sandwich battens provide for the lowest tip vortex possible. Also, the absence of elaborate and heavy tip structure further reduces induced drag while providing a very light and positive roll response. The Seagull VII exhibits a smooth, positive pitching moment at any angle of attack. A Hang Four pilot rating is required.

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.

H 1027 Manufactured by Seagull Aircraft

TEN METER 1195,-
SEA HAWK 885,-