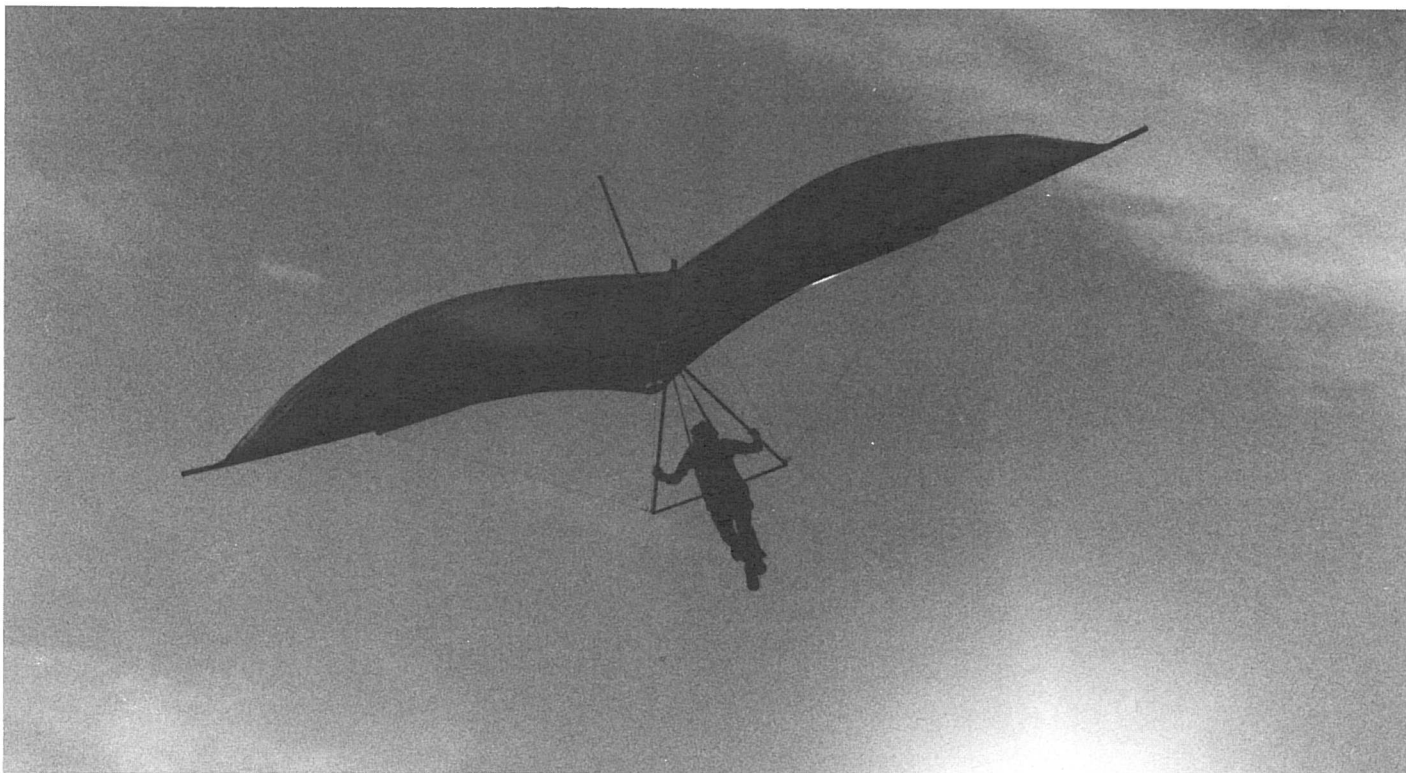


SEAGULL III Z

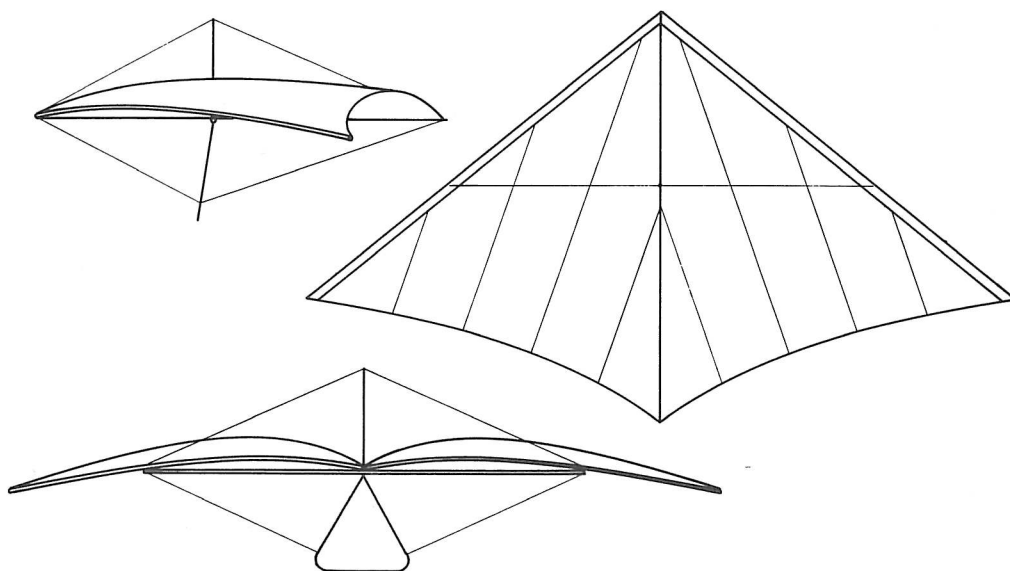


Specifications

Model Sizes	17x15	19x17
Leading edge - ft.	17	19
Keel length - ft.	15	17
Wing span - ft.	26.6	29.5
Wing area - sq. ft.	178	223
Aspect ratio	3.98	3.89
Nose angle - degrees	102	102
Sail billow - degrees	2.5	2.5
Weight - lbs.	36	40
Pilot weight - lbs.	80-145	135-200
Wing loading - lbs./sq. ft.	.75-1.01	.78-1.08
Set-up time - min.	5	5

Estimated Flight Performance

Take-off speed - mph.	12	12
Stall speed - mph.	14	14
Maximum speed - mph.	35	35
Best glide (L/D) ratio	5.5:1	5.5:1
Speed for best L/D - mph.	20	20
Minimum sink rate - ft./min.	320	320



General Description

This higher performance, all purpose glider was the first one to use the truncated conical shape which lowers profile drag, improves pitch stability, improves the glide ratio and gives a rate of sink that is nearly half that of many Standard Rogallos. The Seagull III was the first production glider with a keel length shorter than the leading edges, which together with a wide nose angle, provides a high aspect, low drag wing. Special camber control leading edges provide excellent stall characteristics with immediate recovery. It is very stable and solid in all flight situations and is used by many schools for beginning, intermediate and advanced training.

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 1025 Manufactured by Seagull Aircraft