

**POLISH ORLIK
N23727**

SPECIFICATIONS

Span 49.2 ft.
Area 159 sq. ft.
Aspect ratio 15.2
Empty weight 370 lb.
Payload 210 lb.
Gross weight 580 lb.
Wing loading 3.65 lb./sq. ft.
Structure: wood/fabric wing and tail, wood fuselage.

PERFORMANCE

L/D max 25

OTHER

Designer A. Kocjan
References: "Aero Revue," 3-62, p. 143, specs, 3-view.



The Orlik was a Polish entry in the 1940 Olympic design competition. One was exhibited at the New York World Fair, purchased by a private party, confiscated by the State during the war, sold surplus later, overhauled by Clarence See, sold to Paul MacCready, Jr., who won the 1948 and 1949 Nationals

with it, sold to George Lambros, flown by Lyle Maxey in the 1961 Nationals, and recently sold to Merritt Wilson of La Canada, Calif. It is red and white and features gull wings and a take-off dolly. The photo shows Paul MacCready flying it at Torrey Pines without the canopy. EXP.

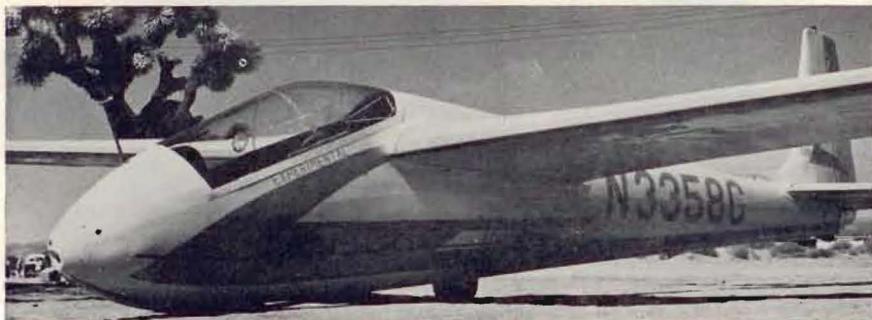


Photo by George Uveges

The Mucha Standard was developed in Poland for the 1958 World Championships held in that country, where it took first place in the Standard Class. Produced in quantity thereafter, it was used in a subsequent Polish Nationals as the one design flown by

all entrants. One has been imported to the U.S. and it is now owned by Gene Marks of Riverside, Calif. It has dive brakes and the C model has rubber water ballast tanks in the wing leading edges. EXP.

**SZD-22C MUCHA STANDARD
N3358G**

SPECIFICATIONS

Span 49.2 ft.
Area 137 sq. ft.
Aspect ratio 17.65
Airfoil Go 549, M 12
Empty weight 530 lb.
Payload 240 lb.
Gross weight 770 lb.
Wing loading 6.2 lb./sq. ft.
Structure: wood/fabric wings and tail, wood fuselage.

PERFORMANCE

L/D max 27.8 @ 47 mph
Min. sink 2.4 fps @ 44 mph
6-fps sink @ 73 mph

OTHER

Designers Nowakowski, Grzywacz and Zatwarnicki
References: WS-II, p. 164.

**SZD-24C FOKA (SEAL)
N204FZ**

SPECIFICATIONS

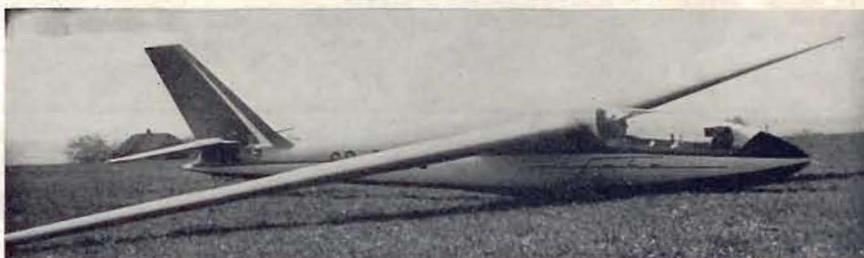
Span 49.2 ft.
Area 130.5 sq. ft.
Aspect ratio 18.5
Airfoil NACA 63 (3)-618, 4415 mod.
Empty weight 522 lb.
Payload 242 lb.
Gross weight 764 lb.
Wing loading 5.5 lb./sq. ft.
Structure: wood, ply/plastic sandwich skins.

PERFORMANCE

L/D max 34 @ 54 mph
Min. sink 2.2 fps @ 47 mph
6-fps sink @ 80 mph

OTHER

Designers Okarmus and Mynarski



References: WS-II, p. 166; 4-63, p. 9, photo, specs; "Interavia," 8-62.

Price: approximately \$4000 plus shipping. Contact Motoimport, 26 Przemyslowa, P.O. Box 990, Warsaw, Poland. Duty extra.

The Foka is the latest Polish production Standard Class sailplane. It features a reclined pilot position and dive brakes. Adam

Witek placed 3rd in the 1963 U.S. Nationals with a Foka and the present world feminine G & R record of 284 miles was set with a Foka in Poland. F. Foz of Elkhart, Ind. has the only one in the U.S., colored white and pale blue. Since the U.S. has no reciprocal licensing agreement with Poland as yet, it is EXP.

**SZD-19-2A ZEFIR 2
N86674**

SPECIFICATIONS

Span 55.8 ft.
Area 151 sq. ft.
Aspect ratio 20.6
Airfoil NACA 65 (2)-515 mod.
Empty weight 650 lb.
Payload 242 lb.
Gross weight 892 lb.
Wing loading 5.9 lb./sq. ft.
Structure: wood, ply/plastic sandwich skins.

PERFORMANCE

L/D max 35 @ 59 mph
Min. sink 2.4 fps @ 54 mph
6-fps sink @ 90 mph

OTHER

Designer Bogumil Szuba
References: WS-II, p. 160.

Price: approximately \$4500 plus shipping. Contact Motoimport, 26 Przemyslowa, P.O. Box 990 Warsaw, Poland. Duty extra.

The Zefir is the leading Polish Open Class competition sailplane which won the 1963



Photo by Leslie Benis

World Championship. It features a reclined pilot position, slotted flaps, tail parachute for braking and a retractable wheel/tow hook unit. Jerry Austin of Pasadena, Calif., owns the only one in the U.S. Since the U.S. has no reciprocal licensing agreement with Poland as yet, it is EXP.