

PZL BIELSKO SZD 51-1 JUNIOR

Specifications

Span	49.2 ft./15.0 m.
Area	134.7 sq.ft./12.51 sq.m.
Aspect ratio	18.0
Airfoil	Wortmann FX-S-02-196, root; -02/1-158, tip
Empty weight	533 lb./242 kg.
Payload	250 lb./113 kg
Gross weight	783 lb./355 kg.
Wing loading	5.81 lb./sq. ft./28.38 kg./sq.m.
Structure:	GFRP/epoxy/steel tube

Performance

L/D max.	35 @ 43 kt/50 mph/80 kph
Min. sink	1.97 fps/1.17 kt/0.60 m/s @ 39 kt/45 mph/72 kph

Other

Country of origin	Poland
Designer	Stanislaw Zientek
No. of seats	1
No. built	about 300
No. in the U.S.	5



This simple, rugged early solo/club glider first flew in 1980. It has a fixed main wheel and top and bottom surface Schempp-Hirth type airbrakes. A simplified model 51-2 was a runner up in the IGC World Class design contest.