

Brazov IS-29D2 Lark – Technical Data

Dimensions

Wing span	49.2 ft
Length	23.95 ft
Height	4.6 ft

Weights

Max gross weight	794 lbs
Basic empty weight	557 lbs
Min pilot weight	121 lbs
Max pilot weight	237 lbs

Performance at max weight – 794 lbs

Best glide ratio	37:1 at 50 knots
Min sink rate	120 ft/min at 41 knots
Never exceed speed (Vne)	121 knots
Maneuvering speed (Va)	93 knots
Maximum tow speed (Vt)	75 knots
Max spoilers extended speed	121 knots
Max speed flaps deflected pos'n 3	75 knots
Min speed flaps deflected pos'n 0	40 knots
Min speed flaps deflected pos'n 3	35 knots
Landing gear down max speed	121 knots
Stall speed	38 knots
Pattern & approach speed	52 knots (min) + ½ wind speed

Brazov IS-29D2 Lark

THIS GLIDER MUST BE OPERATED IN COMPLIANCE WITH THE OPERATING LIMITATIONS STATED IN THE FORM OF PLACARDS, MARKINGS, AND MANUALS.

Cloud flying is PROHIBITED

Aerobatic maneuvers are PROHIBITED

Night flying is PROHIBITED

Never exceed speed (Vne)	121 knots
Maneuvering speed (Va)	93 knots
Max tow speed (Vt)	75 knots
Max spoilers extended speed	121 knots
Flaps fully deflected	75 knots
Min pilot weight	121 lbs
Max pilot weight	237 lbs