

Data Sheet / Flight Manual

Glider Type	ASK 21
BGA No	4587
Date	08/02/2020
ca - Aft CofG	469 mm
cf - Fwd CofG	234 mm
pf - Front Pilot Arm	1185 mm
pr - Rear Pilot Arm	80 mm
Max Weight (Dry)	1320.00 lbs
Max Weight (Wet)	1320.00 lbs
Max NLC Weight	904.00 lbs
Seat Limit	242 lbs
VNE	151 kts
Rough Air	108 kts
Manoeuvre	97 kts
Aero-tow	97 kts
Winch/Auto-tow	81 kts

Measurement

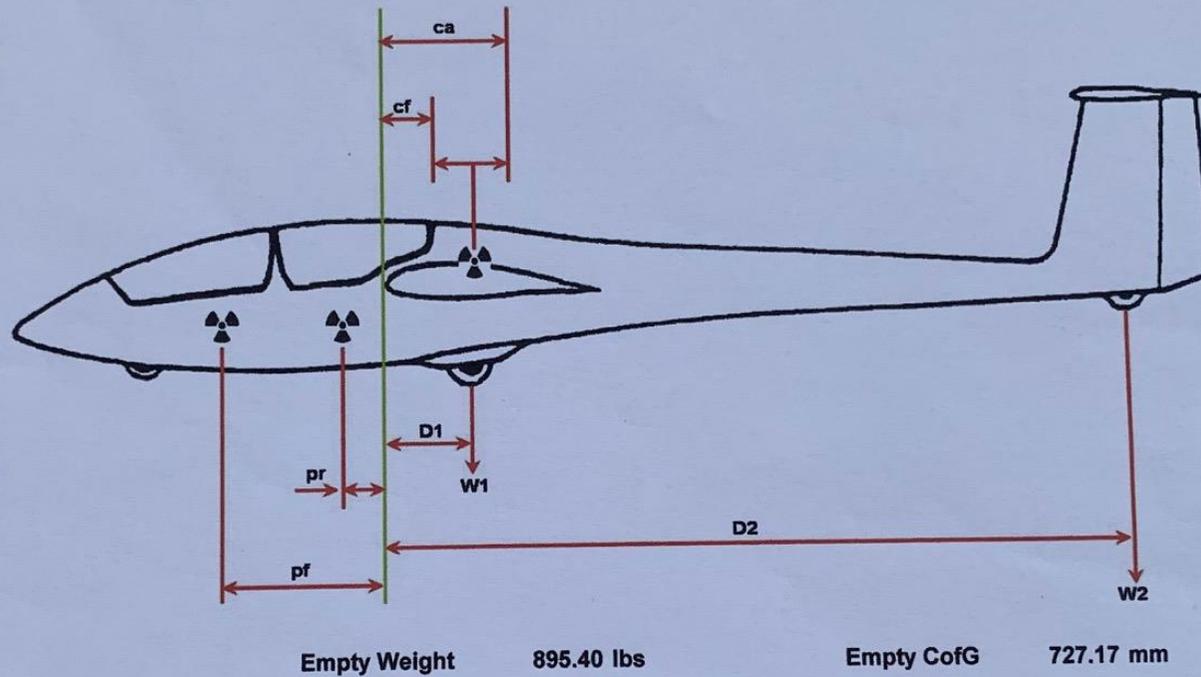
W1	880.00 lbs
W2	15.40 lbs
W NLC	448.60 lbs
D1	648 mm
D2	5251 mm

Equipment Installed

Nose Weight	N
Tail Weight	N
Batteries	0
Horizon	N
Oxygen	N

Control Deflections

Elevator (Up)	91 mm
Elevator (Down)	62 mm
Rudder (Left)	181 mm
Rudder (Right)	183 mm
Port Aileron (Up)	115 mm
Port Aileron (Down)	45 mm
Stb Aileron (Up)	116 mm
Stb Aileron (Down)	46 mm



Signed

J. Arnold 1/11/96 29 Feb 2020

Note - This aircraft must be re-weighted after either repair or installation of additional equipment. Maximum period between weighing is 8 years.