

## **PW- 5. SMYK N197PW**

Experimental. Parachute required

Stall 33 knots \*\* *N197PW seems to stall at 38 kts*

Min sink 39 knots

Best glide 43 knots. 32 /1 glide ratio

Approach speed 51 knots

Recommended tow speed 60

Max tow speed and maneuvering speed 81 knots

Max spoiler retract 81 knots

Maximum crosswind 12 knots...caution small rudder

Minimum pilot weight. 121

Below 132 pounds use most fwd seat position

Third aft seat position is good for 6 foot pilot

Red line 115 knots

Use small tost hook

Avoid low tow due to cable rubbing against fuselage

Wheel brake is squeeze handle on air brake handle

Assure air brake is locked forward when not in use

Air brake on top of wing only

Initial takeoff on nose and main wheel

Avoid landing on tail wheel

To bail out pull red jettison handle then canopy side locks

Sideslip at minimum of 49 knots

Airspeed inaccurate in slip

Radio transmitter intermittent when vario audio on.

Empty glider weight 365 pounds

Max glider weight 660 pounds

Max pilot and parachute 242 pounds

Light pilot use 1 or 2 trim setting for takeoff

Heavier pilot use trim setting 5 or 6 for takeoff

Be paranoid about pulling canopy jettison red handle.