

Summary Data N7088G

Climb Speeds:

Vx 70 mph (Best Angle of Climb)

Vy 80 mph (Best Rate of Climb)

Cruise Climb 85 to 90 mph

Approach Speeds:

80 mph (No Flaps)

75 to 80 mph (1/2 Flaps)

70 to 75 mph (Full Flaps)

Stall Speeds:

Vsi 59 mph (Bottom of the green arc)

Vso 52 mph (Bottom of the white arc)

Maneuvering Speeds:

Va 122 mph (Maneuvering Speed, Gross Weight)

*The airplane has a placard that says 100 Kts (115 mph)

Fuel:

Each tank holds 26 gallons. USABLE Fuel is 24 Gallons per tank.

Total USABLE Fuel is 48 gallons.

Flap Settings:

For Takeoff on hard surfaces use 0 Flap

For Takeoff on other surfaces use 10 degrees of Flap

For Landings use flaps as necessary. 10 to 30 degrees for normal landings and for cross-wind landings. Full flaps for short field landings.

Cruise Settings:

Typical power settings range between 2200 and 2450 rpm's

Consult the Cruise Performance Chart

Weight and Balance:

Current Empty Weight (12/5/2023) is **1404 lbs.**

Useful load is 896 lbs

With full tanks (48 gallons/288 lbs) load that can be carried is 608 lbs