

IA24
Green Castle, IA
elev 756'
C-172E (N7717U)

Check safe flap speed (**white arc**)
Flaps - **10°**
Pitch down to maintain **80 mph**

LNDG CHECKLIST
Seatbelts - **ON**
Fuel Selector - **BOTH**
Mixture - **RICH**
Carb Heat - **ON**

STABILIZE:
Spacing - Runway half way up wing strut
Trim for level flight

CLIMB to TPA
(Traffic Pattern Altitude)
1K' AGL - 1,756'
Pitch to **LEVEL**
Reduce pwr - **2,000 RPM**

***Look for traffic**
CALL [BASE]
DESCENDING TURN

Decision point, if too:
High - Reduce power
Low - Increase power

Pitch for **80 mph**
Flaps - **20°**

***Look for traffic on final**
CALL [FINAL]
DESCENDING TURN
Intercept Final
Pitch for the numbers
Flaps - **30°**



45°
approx 1,506'

Abeam the numbers

Reduce pwr - **1,500 RPM**
Pitch **UP** slightly

DOWNWIND
90 mph

RADIO CALLS:
"Green Castle Traffic, Skyhawk 17U, left
[DOWNWIND, BASE, or FINAL]
tree-tree, touch-and-go, Green Castle"



CLIMBING TURN
***Look for traffic**

CROSSWIND
80 mph

approx 1,256'

FINAL
70 mph



UPWIND
80 mph

CLIMBING TURN
***Look for traffic before turning**

CLIMB straight ahead to
500' AGL - approx 1,256'

On final, use...
Power - stay on glidepath - aimpoint/airspeed
Aileron - correct for drift - roll into wind
Rudder - align fuselage - align 3 pts
(departure end, approach end, nose of aircraft)

TAKEOFF
Slight pressure on nose
Heels to floor / balls of feet on bottom of rudder
Carb heat - **OFF**
Smoothly advance to **FULL THROTTLE**
Focus on end of runway to track centerline
ROTATE - PITCH UP @ 60 mph
Track runway - wings level / right rudder

