**CLEARNING TURN… Cruise Check**

**TAKE OFFS**

**SHORT FIELD**

* Flaps **10**
* Apply Brakes, Full Power 3 seconds
* Rotate **55**, Climb **60**
* 50’ (Obstacles Cleared) Climb **75-80**

**SOFT FIELD**

* Flaps **10**
* Yoke To Chest … don’t stop
* Full Throttle, Easy out Yoke a little
* Rotate **50**…Float, Climb **70**
* Retract Flaps after obstacle

**LANDINGS**

**SHORT FIELD** (on #’s or 2nd – – for 50’ tree)

* State Touchdown Spot (-+ 200 ft)
* Normal Approach – Slowest Speed **60**
* Heavy Brakes
* Retract Flaps ASAP

**SOFT FIELD**

* SLOW & SOFT - **65**, **Flaps 30**
* Keep In Power - Float In Ground Effect
* Yoke to Chest – Taxi – DON’T STOP

**POWER OFF 180**

* **70** Knots - State Touchdown Spot (-+ 200 ft)

**STALLS**  3K - INTO wind

**POWER OFF**

* Cut Power / Full Flaps
* Slow Fight *“descending on final- pulling up too short”*
* Recover: Maintain ALT & Heading

**POWER ON**

* 75 Knots (Climb Out Speed)
* Full Power, Pitch Up
* Recover: Maintain Heading

**ACCELERATED**

* 75 Knots, Cruise Power
* **45°** Bank, Climb
* Recover @ Horn: Full Power, Maintain ALT

**MANUEVERS**

**SLOW FLIGHT** 3K

* **UNDER** Stall Horn

**STEEP TURNS** 2-3K – DOWN wind

* Va (105), **50°** Bank

**STEEP SPIRALS 3 -360°** 5K – **DOWN** wind

* Mark Heading
* **80** Knots @ Cruise Power
* **NO** Power, Maintain **80** Knots
* 20-40**°** Bank, Same Radius

**8’s ON PILONS** 1300 (Pivotal AGL = GS2 / 11.3)

* **95** Knots @ Cruise Power

**CHANDELLES** 3K

* Mark Heading, Va (105)
* **30°** Bank, Full Power CLIMB
* Roll Out, **10°** Pitch, **60** Knots

**LAZY 8s** 3K - INTO wind

* **105** Knots @ Cruise Power
* Pitch Fast, Bank Slow **15-35°**
* Small Power to Maintain Alt
* Maintain (Kts, Heading, Alt)

**EMERGENCY DECENT**

* Pull Power, Full Flaps @ White Arc
* 30° - 45° Descending turn
* Check List

**SIMULATED EMERGENCY LANDING**

* Glide Speed
* Find Field
* Check List

**LOST PROCEDURES**

* Circle
* Confess
* Climb
* Conserve
* Communicate
* Comply