

Task	Parameters and actions.
Takeoff and climb	checklist
	rotate at 50kts
	Confirm takeoff power
	Vy 67kts (63 to 77kts)
Traffic Pattern	Maintain proper ground track
	+/- 100' from altitude
	Speed 80kts +/- 10kts
Normal approach	Vso 65kts - (60 to 75kts) manual says 55 to 65
	CHECKLIST - Landing light / Carb heat/ Thottle / Mixture and flaps
	clean flaps and carb heat once off the runway
	go around if necessary
Short field takeoff	Flaps @ 10°
	Confirm static power - 2280 to 2380 rpm
	rotate at 50kts
	Vx 55kts (50 to 65kts) then go to Vy after flaps up
Short field landing	extend downwind / power for altitude
	Final speed @54kts (49 to 65kts)
	CHECKLIST - Landing light / Carb heat/ Thottle / Mixture and flaps
	go around if necessary
	stop before the 1000' mark
ground roll at SL 15°C = 475' or 1200' - 50'obst.	
Go around	throttle / nose to horizon / flaps at 20 / carb heat
	speed to 55kts - flaps up and pitch to Vy
	Trim to climb
Steep Turns	Clearing Turns
	Set to 90kts level flight
	stay within +/- 100', Airspeed +/- 10kts
	Bank 40° to 50° - target 45°
	Roll out +/- 10° initial heading
Ground Ref Maneuver	Clearing Turns
	Enter on a downwind
	600' to 1000'AGL (aprox 900' / 1000' MSL / 700 AGL)
	maintain altitude at +/- 100'
	Maintain speed +/- 10kts (target 80kts)
IMC	5 Cs - Climb, Confess, Communicate, Comply and Conserve
	121.5 - Mayday / Little rock Approach - request vectors to vfr airport
Slow Flight	Clear Area
	Altitude above 1500' AGL
	Target speed 35-40kts +10 -0kts
	Altitude +/- 100'
Power off Stalls	Heading +/- 10° / bank +/- 10°
	clear the area
	Altitude above 1500' AGL
	pitch to 60kts
	Heading +/- 10° / bank +/- 10°
Power on Stalls	Acknowledge the stall
	Recover - throttle, flaps at 20 carb heat flaps at 0 - Vy
	Clear the area
	Altitude above 1500' AGL
	power to 2200rpm
Spin Awareness	Heading +/- 10° / bank +/- 10°
	Aknowledge and recover to Vy
Basic instrument maneuvers	Recovery - ailerons to neutral / oposite rudder / yoke forward
	level wings and pull up.
	Level flight altitude +/-200' Heading +/-20° speed +/-10kts
	Climbs: Altitude +/-200', Heading +/-20°, speed +/-10kts
	Descents: +/-200', Heading +/-20°, speed +/-10kts
Emergency Descent	Turns: +/-200', Heading +/-20°, speed +/-10kts
	Clearing Turns
	target airspeed 120kts +/- 10kts
	Bank 30° to 45°
	Level off as specified altitude +/- 100'
Emergency approach landing	Checklist for cabin or engine fire
	Establish best glide @60kts / +/- 10kts - landing >60kts
	Configure airplane
	Check - Mixture, fuel valve, throttle, carb heat, mags and primer, fuel guage
	CHECKLIST - Landing light / Carb heat/ Thottle / Mixture and flaps
Brief passengers onboard survival gear	