

New Pilot Progress Checklist

This checklist is for the student to keep track of their progress. The checklist gives the student a sense of accomplishment which builds confidence. Also, if the student needs to switch instructors, the new instructor will know the progress the student has made.

Ground School and Introductory Flight

- Safety - AMA Code of Conduct & Drake Field Rules and Procedures
- Effects of Center of Gravity (CG) on the flyability of an airplane
- How each control surface changes the flight path
- Elementary understanding of radio switches and gimbles
- What is dual rate and exponential and how does it work
- Different airplane types, Wing position, gas, glow & electric
- Safety setup for engine off, throttle cut, idle up and idle down for fuel planes
- Student can operate the simulator, turns it on, finds a plane, takes off, flies and lands, reset switch
- Discussion on Battery handling, chargers and checkers.
- Battery Charging station reviewed and understood.
- Participated in at least two Buddy Box flights with left and right turns
- Understanding of the SAFE airplane advantages

Simulator Homework

- Complete the study guide and then demonstrate to self the following
- Take off straight down the runway and making the turn after flying straight line for a short distance
- Level flight when making turns in a oblong (racetrack) pattern - The pattern
- Level flight when making a series of figure 8's with wing leveling after each turn
- Landing on the runway with minimal bounce - near the center line
- Has kept track of the number of flights without hitting the reset due to a crash
- Has had a 30 minute session without hitting the reset button except to refuel or renew charge
- Has made a list of questions for instructor and kept in contact with an Instructor

Buddy Box Sessions

- Performed smooth straight take offs
- Flown the race track pattern changing levels on command
- Flown figure 8's with wing leveling after each turn and maintaining level flight
- Performed smooth landings with minimal bounce
- Used the Panic Button to get out of trouble (If airplane is equipped with gyro assist)
- Feels confident in ability to Solo

Solo Flight Demonstration

- Successful Take Offs
- Successful pattern flights
- Successful figure 8's with wing leveling
- Successfully changed elevations and direction on command
- Successfully landed on the runway