



“The Landing Doctor”.com
SPORT PILOT TRAINING SYLLABUS R5 9/15

STAGE CHECK: ONE

OBJECTIVE: To insure that the student pilot has met the completion standards of lessons one through six. Every attempt will be made to fly this lesson with a minimum of a 6 knot direct cross wind. To teach the student how to estimate the crosswind component without looking at the crosswind component reference chart. The student will be taught the crosswind component is exactly half when the wind is 30 degrees off the nose.

ORAL CHECK: The student pilot will be orally quizzed on: preflight planning; aircraft systems; aircraft performance; weight and balance; visual scanning techniques; where to look for collision avoidance in the pattern; proper radio usage in the airport traffic area, FARs relative to student pilot solo limitations and responsibilities.

FLIGHT CHECK: The student pilot will demonstrate: aircraft preflight inspection; checklist usage; engine starting; taxiing; pre-takeoff checks; slow flight, imminent power off and imminent on stalls and recoveries, steep turns; ground reference maneuvers; normal and crosswind takeoffs and landings; go-arounds; no flap landings; forward slips; simulated engine failure to a landing. *note- oral questioning will continue during flight check.

COMPLETION STANDARDS: Stage Check One will be successfully completed when the student demonstrates: the ability to perform all maneuvers safely, without the assistance of the instructor; the knowledge exam has been successfully completed; and all required endorsements have been entered on/in the student's certificate and logbook. The student must land within 400 feet of the desired touchdown spot, on the back of the main landing gear, on the centerline, go 300 feet with the nose wheel just lightly off the ground, then initiate a go-around without letting the nose get too high, accelerate within ground effect until reaching V_y , best rate of climb speed of 65 KIAS.

The student must know that when the crosswind is 30 degrees off the nose the crosswind component will be exactly one half of the wind velocity.