

SOLO STAGE CHECKLIST

Aeronautical Knowledge: A Written exam given and graded by the instructor who endorses the student's pilot certificate for solo flight. The exam must include questions on the applicable regulations and the flight characteristics and operational limitations for the make and model aircraft to be flown. *(**PRE-SOLO EXAM**) (FAR 61.87 (b))

Pre-Solo Flight Training: Must receive and log instruction in the following maneuvers and procedures for the make and model of aircraft to be flown solo, and demonstrate proficiency in the airplane judged by the instructor who endorses the student's pilot certificate. (FAR 61.87 (c)(d))

When the objective is COMPLETE mark the yellow box.

Flight preparation procedures including preflight inspections, aircraft systems, and powerplant operations		Taxing or surface operations, including run-ups	
Takeoffs and Landings Normal Crosswind Soft Field and Short Field		Straight and Level flight	
		Shallow and Medium Turns in both directions	
Airport traffic patterns including entry and departure procedures		Steep Turns in both directions	
Collision and Wake Turbulence Avoidance		Climbs and Climbing Turns	
Slips to a landing: Forward and Side Slips*(Slips)		Descents with and without turns using high and low drag configurations	
Emergency procedures: equipment malfunctions		Flight at various airspeeds from cruising to: MCA & Slow Flight	
Approaches to the landing area with engine power at idle and with partial power		Ground Reference Maneuvers Turns around a point S-Turns Rectangular Patterns	
Forced landing procedures initiated on takeoff, during initial climb, cruise, descent, and in the landing pattern;		Go-arounds from final approach and from the landing flare in various flight configurations including turns	
Power Off Stalls and Recovery: Imminent & Full		Power On Stalls and Recovery: Imminent & Full	

	Dual	Dual X-C	Night	Night TO/Ls	Control Twr TO/Ls	
Time	Solo	Solo X-C	Night X-C	Hood Time	Checkride Prep	Ground

Instructor's Responsibilities: The instruction must be received by an authorized instructor who is certified in the category and class of airplanes. The instructor must endorse the student pilot's logbook and pilot's certificate for the specific make and model aircraft to be flown, within the 90 days prior to the student operating solo. The instructor has to have been the one to fly with the student. For some examiners, you will need a pre-solo written endorsement in the students' logbook.

Pre-solo written endorsement Sign the back of the student's student pilot certificate Endorse the logbook (every 90 days)

*** means a handout is available.