



Green Castle Aero Club

New Private Pilot Student Checklist

Approved 04/22/2024, supersedes all previous versions

Prior to First Training Flight	
	REQUIRED: GCAC membership application and payment
	REQUIRED: TSA endorsement of U.S. citizenship [49 CFR 1552.3(h)] {A.14} <ul style="list-style-type: none"> ➤ Only for initial pilot certificate or rating; see §1552.3 for procedures regarding non-U.S. citizens ➤ Acceptable verification documents: <ul style="list-style-type: none"> ■ Valid passport ■ Valid driver's license & either one of the following [official birth certificate or naturalization/citizenship certificate] ➤ GCAC instructors - save copy of documents for 5 years
	REQUIRED: Aviation headset & flight logbook
	RECOMMENDED: Private pilot ground school program & training syllabus
	RECOMMENDED: Private pilot student or learn-to-fly kit
	RECOMMENDED: Non-polarized sunglasses
Prior to First Solo Flight	
	REQUIRED: Medical Certificate - MedXpress medxpress.faa.gov [§61.23(a)(3) & (c)(3)]
	REQUIRED: Student Pilot Certificate - IACRA iacra.faa.gov [§61.85] <ul style="list-style-type: none"> ➤ Create account, start a new student pilot application, & record your FTN number ➤ Complete the application with your instructor
	RECOMMENDED: Owners manuals & checklists for both Green Castle Cessnas - 1964 C-172E & 1969 C-172K
	REQUIRED: Pre-solo aeronautical knowledge exam [§61.87(b)] {A.3} <ul style="list-style-type: none"> ➤ Pass (correctable to 100%) pre-solo exam issued by your instructor ➤ Exam knowledge areas: <ul style="list-style-type: none"> ■ Applicable sections of FAR parts 61 and 91 ■ Airspace rules and procedures for Green Castle airport where the solo flight will be conducted ■ Flight characteristics and operational limitations of the aircraft to be flown
	REQUIRED: Pre-solo flight training: Maneuvers & procedures [§61.87(c) & (d)] {A.4} <ul style="list-style-type: none"> ➤ Flight preparation procedures: Preflight planning & preparation, powerplant operation, and aircraft systems ➤ Surface operations: Taxiing & runups ➤ Flight Fundamentals: <ul style="list-style-type: none"> ■ Straight & level flight, turns, climbs & descents, and turning climbs & descents (various configurations) ■ Flight at various airspeeds from cruise to slow flight ➤ Traffic Patterns & Landings <ul style="list-style-type: none"> ■ Traffic patterns, including entry and departure procedures ■ Normal & crosswind takeoffs and landings ■ Slips to land & go-arounds ➤ Safety & Emergencies <ul style="list-style-type: none"> ■ Collision avoidance, windshear avoidance, and wake turbulence avoidance ■ Stalls: Entry from various flight attitudes & power combinations; recoveries at first indication & full stall ■ Emergency procedures and equipment malfunctions, including approaches to land with simulated engine malfunctions
	REQUIRED: Solo flight endorsement (first 90 calendar-day period) [§61.87(n)] {A.6}

Reference: Advisory Circular (AC) 61-65H, "CERTIFICATION: Pilots and Flight and Ground Instructors" [8/27/18]

Note: Endorsements appear in approximate order to when they are required; Endorsement References - {A.#}