Green Castle Aero Club
New Student Pilot Checklist
Updated 05/11/2024

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}**
- ➤ Only for initial pilot certificate or rating; see §1552.3 for procedures regarding non-U.S. citizens
- ➤ Acceptable verification documents:
  - ■ 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

RECOMMENDED: Start medical certification process (see "Prior to First Solo Flight")

RECOMMENDED: Start student pilot certification process (see "Prior to First Solo Flight")

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]
- ➤ 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}**
- ➤ Pass (correctable to 100%) pre-solo exam issued by your instructor
- ➤ Exam knowledge areas:
  - ■ 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}**
- ➤ Flight preparation procedures: Preflight planning & preparation, powerplant operation, and aircraft systems
- ➤ Surface operations: Taxiing & runups
- ➤ Flight Fundamentals:
  - ■ Straight & level flight, turns, climbs & descents, and turning climbs & descents (various configurations)
  - ■ Flight at various airspeeds from cruise to slow flight
- ➤ Traffic Patterns & Landings
  - ■ Traffic patterns, including entry and departure procedures
  - ■ Normal & crosswind takeoffs and landings
  - ■ Slips to land & go-arounds
- ➤ Safety & Emergencies
  - ■ 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}**