

DISCOVERY FLIGHT

STUDENT MUST PROVIDE TSA DOCUMENTS TO RECEIVE LOGGED TIME

- Student has created a Flight Circle user account
- Liability form signed - photo taken of signed form
- TSA - U.S. passport OR government issued photo I.D & U.S. birth certificate - photos taken of supplied document/s
- Liability and TSA files uploaded to Flight Circle user account by CFI
- IACRA - student informed by CFI
- FAA Medical - student informed by CFI

PRE-SOLO

TRAFFIC PATTERNS AND GROUND OPERATIONS

- Preflight planning and preparation..... Date: _____
- Powerplant operations and aircraft systems..... Date: _____
- Taxiing and surface operations..... Date: _____
- Before takeoff check and runups..... Date: _____
- Airport traffic patterns – arrival, entry, and approach procedures *1..... Date: _____
- Airport traffic patterns – departure procedures *2..... Date: _____
- Slow flight in ground effect above the runway..... Date: _____
- Collision avoidance *3..... Date: _____
- Wake turbulence avoidance *4..... Date: _____
- Wind shear avoidance *5..... Date: _____

TAKEOFF AND LANDING PROCEDURES

- Normal takeoff and climb (Vy) *6..... Date: _____
- Normal approach and landing..... Date: _____
- Crosswind takeoff and climb *7..... Date: _____
- Crosswind approach and landing *7..... Date: _____
- Short field takeoff, climb (Vx obstacle), approach and landing *8,*9..... Date: _____
- Soft field takeoff, climb, approach and landing *10..... Date: _____
- Approach and landing with various flap configurations..... Date: _____
- Forward slip to landing..... Date: _____
- Go-arounds..... Date: _____
- Aborted departure/takeoff..... Date: _____

STAGES OF FLIGHT

- Straight and level flight..... Date: _____
- Flight at various airspeeds from cruise to slow flight..... Date: _____
- Turns in both directions..... Date: _____
- Coordination demonstration..... Date: _____
- Steep turns..... Date: _____
- Climbs and climbing turns (low drag configuration)..... Date: _____
- Descents and descending turns (low drag configuration)..... Date: _____
- Descents with and without turns (using various drag configurations)..... Date: _____

POWER-OFF STALLS (FULL FLAP CONFIGURATION)

- Straight and level flight – recovery at first stall indication and full stall..... Date: _____
- Pitch up attitude – recovery at first stall indication and full stall..... Date: _____
- Pitch down attitude (turn to final) – recovery at first stall indication and full stall..... Date: _____

POWER-ON STALLS (50% FLAP CONFIGURATION)

- Pitch up attitude (Vy) – recovery at first stall indication and full stall..... Date: _____
- Accelerated stalls..... Date: _____
- Secondary stalls..... Date: _____



GROUND REFERENCE MANEUVERS

- S-turns.....Date: _____
- Turns around a point.....Date: _____
- Rectangular course.....Date: _____

EQUIPMENT MALFUNCTIONS

- PFD/MFD failures.....Date: _____
- Alternator/battery failure.....Date: _____
- AFCS/trim malfunction.....Date: _____

APPROACH AND LANDING WITH SIMULATED ENGINE MALFUNCTIONS

- Engine failure - landing area/field *I I.....Date: _____
- Engine failure - power-off 180 / steep spiral *I I.....Date: _____
- Engine failure on takeoff/departure *I I.....Date: _____

EMERGENCY PROCEDURES

- Engine fire procedure *I I.....Date: _____
- Wing fire procedure *I I.....Date: _____
- Cockpit smoke/fire procedure *I I.....Date: _____

FINAL PRE-SOLO CHECKLIST

- Student has shown satisfactory skill, knowledge, and risk management of the pre-solo flight requirements
- Pre-solo knowledge exam (available to download at www.check6air.com)
- Student pilot certificate
- Medical complete
- Student has their own rental insurance (Check6Air aircraft only)
- Liability and aircraft rental forms signed (Check6Air aircraft only)

A3 - Pre-solo aeronautical knowledge: § 61.87(b).

I certify that [First name, MI, Last name] has satisfactorily completed the pre-solo knowledge test of § 61.87(b) for the [make and model] aircraft.

A4 - Pre-solo flight training: § 61.87(c)(1) and (2).

I certify that [First name, MI, Last name] has received and logged pre-solo flight training for the maneuvers and procedures that are appropriate to the [make and model] aircraft. I have determined [he or she] has demonstrated satisfactory proficiency and safety on the maneuvers and procedures required by § 61.87 in this or similar make and model of aircraft to be flown.

A6 - Solo flight (first 90 calendar-day period): § 61.87(n).

I certify that [First name, MI, Last name] has received the required training to qualify for solo flying. I have determined [he or she] meets the applicable requirements of § 61.87(n) and is proficient to make solo flights in [make and model].

A7 - Solo flight (each additional 90 calendar-day period): § 61.87(p).

I certify that [First name, MI, Last name] has received the required training to qualify for solo flying. I have determined that [he or she] meets the applicable requirements of § 61.87(p) and is proficient to make solo flights in [make and model].

A8 - Solo takeoffs and landings at another airport within 25 nautical miles (NM): §61.93(b)(1).

I certify that [First name, MI, Last name] has received the required training of § 61.93(b)(1). I have determined that [he or she] is proficient to practice solo takeoffs and landings at [airport name]. The takeoffs and landings at [airport name] are subject to the following conditions: [List any conditions or limitations.]

PRE-SOLO CROSS-COUNTRY

MUST INCLUDE ALL PRE-SOLO REQUIREMENTS PLUS THE FOLLOWING:

- Area arrival procedures, entry into the traffic pattern, and approach.....Completed *1
- Traffic pattern departure procedures..... Completed *2
- Procedures and operating practices for collision avoidance..... Completed *3
- Procedures and operating practices for wake turbulence precautions..... Completed *4
- Procedures and operating practices for wind shear avoidance..... Completed *5
- Climbs at best rate Vy..... Completed *6
- Crosswind takeoffs, approaches, and landings..... Completed *7
- Short-field takeoffs, approaches, and landings..... Completed *8
- Climbs at best angle Vx..... Completed *9
- Soft-field takeoffs, approaches, and landings..... Completed *10
- Emergency procedures..... Completed *11
- Use of aeronautical charts for VFR navigation.....Date: _____
- Pilotage and dead reckoning with the aid of a magnetic compass..... Date: _____
- Use of aircraft performance charts pertaining to cross-country flight.....Date: _____
- Procurement and analysis of aeronautical weather reports and forecasts.....Date: _____
- Recognition of critical weather situations and estimating visibility while in flight..... Date: _____
- Recognition, avoidance, operational restrictions of hazardous terrain for flight route..... Date: _____
- Procedures for operating the instruments/equipment installed in the aircraft to be flown..... Date: _____
- Use of radios for VFR navigation and two-way communication.....Date: _____
- Simulated inst. straight/level, turns, descents/climbs, use of radio aids and ATC directives.....Date: _____
- Diversion procedures..... Date: _____
- Lost procedures..... Date: _____

A9 - Solo cross-country flight: § 61.93(c)(1) and (2).

I certify that [First name, MI, Last name] has received the required solo cross-country training. I find [he or she] has met the applicable requirements of § 61.93, and is proficient to make solo cross-country flights in a [make and model] aircraft, [aircraft category].

A10 - Solo cross-country flight: § 61.93(c)(3).

I have reviewed the cross-country planning of [First name, MI, Last name]. I find the planning and preparation to be correct to make the solo flight from [origin airport] to [destination airport] via [route of flight] with landings at [names of the airports] in a [make and model] aircraft on [date]. [List any applicable conditions or limitations.]

PRIVATE PILOT CHECKRIDE**AERONAUTICAL EXPERIENCE REQUIREMENTS**

- 40 hours total time
- 20 hours of flight training
- 3 hours of cross-country flight training
- 3 hours of flight training on the control and maneuvering of an airplane solely by reference to instruments
- 3 hours night training that includes:
 - One cross-country flight over 100 nautical miles total distance at night
 - 10 takeoffs and 10 landings to a full stop at night
- 10 hours of solo flight time that includes:
 - 5 hours of solo cross-country time
 - One solo cross-country flight of 150 nautical miles total distance, with full-stop landings at three points, and one segment of the flight consisting of a straight-line distance of more than 50 nautical miles
 - 3 takeoffs and landings to a full stop at an airport with an operating control tower
- 3 hours of flight training with an authorized instructor in preparation for the practical test, which must have been performed within the preceding 2 calendar months from the month of the test

A32 - Aeronautical knowledge test: §§ 61.35(a)(1), 61.103(d), and 61.105.

I certify that [First name, MI, Last name] has received the required training in accordance with § 61.105. I have determined [he or she] is prepared for the [name of] knowledge test.

A1 - Prerequisites for practical test: Title 14 of the Code of Federal Regulations (14 CFR) part 61, § 61.39(a)(6)(i) and (ii).

I certify that [First name, MI, Last name] has received and logged training time within 2 calendar-months preceding the month of application in preparation for the practical test and [he or she] is prepared for the required practical test for the issuance of [applicable] certificate.

A2 - Review of deficiencies identified on airman knowledge test: § 61.39(a)(6)(iii), as required.

I certify that [First name, MI, Last name] has demonstrated satisfactory knowledge of the subject areas in which [he or she] was deficient on the [applicable] airman knowledge test.

A33 - Flight proficiency/practical test: §§ 61.103(f), 61.107(b), and 61.109. The endorsement for a practical test is required in addition to the § 61.39 endorsements provided in paragraphs A.1 and A.2.

I certify that [First name, MI, Last name] has received the required training in accordance with §§ 61.107 and 61.109. I have determined [he or she] is prepared for the [name of] practical test.