

## vZLA Training Syllabus: Ground Control 1

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### 1. PURPOSE

The purpose of the Training Syllabus is to provide ZLA training staff an outline of expectations for students, and the minimum criteria for satisfactory performance and certification.

### 2. DISTRIBUTION

Training Syllabi are for use by the ZLA training staff, and are open source to our students as a reference of expectations. For students, this syllabus is an outline of absolute minimum requirements, and is in no way a ticket to endorsement. Endorsement minima are ultimately determined by the mentor / instructor, and any shortcomings of the student, as determined by the training staff-member, are grounds for additional training and/or withholding endorsement.

### 3. PREREQUISITES

The prerequisites for GC1 training are outlined in the ZLA Training Summary.

### 4. SESSION PREPARATION

1. This training should be conducted on San Diego Ground: reference the ZLA Training Summary
1. Students should:
  - a. Arrive at the session with CRC set up in accordance with [this setup tutorial](#)
    - i. Failure to have CRC setup prior to session start is grounds for immediate session discontinuation at mentor / instructor discretion
  - b. Students are required to have the following displays open:
    - i. ASDE-X (SAN)
  - c. Students are recommended, but not required to have the following displays active:
    - i. Tower Data Link System (TDLS - SAN)
    - ii. Tower Cab Mode (SAN)
  - d. Reviewed the following Policies and SOPs:
    - i. [General Requirements Policy](#)
    - ii. [Position Restrictions Policy](#)
    - iii. [San Diego ATCT SOP](#)
    - iv. [Position Relief Briefing SOP](#)

### 5. KNOWLEDGE REQUIREMENTS

1. Airport Operations & Configuration
  - a. Determine runway configuration based on METAR report and consideration of real world configuration
  - b. Understand the difference between movement and nonmovement areas
2. Demonstrate proficiency in IFR and VFR flight procedures and the differences therein between class B, C, and D airports
3. Demonstrate adequate coordination with overlying controllers
4. Demonstrate proficiency in IFR Clearances, including:
  - a. Knowledge of all relevant Letters of Agreement
  - b. Compliance with [Required Internal Routes SOP](#)

- c. Issuing required amendments to all elements of aircraft flight plans
  - d. TEC Route clearances
  - e. Use of proper phraseology when issuing full route clearance
- 5. Ground Control
  - a. Issue taxi clearances to outbound and inbound aircraft
  - b. Appropriately separate aircraft in movement areas
- 6. Traffic Management Unit (TMU) Topics
  - a. Understand basic ground metering topics to ensure expeditious flow of departures
    - i. When traffic volume or TMU requirements warrant, sequence departures using the diverging SID concept. Employ use of nonstandard taxi routes to accomplish this.
- 7. Helicopter Procedures
  - a. Understand VFR helicopter departure instructions
  - b. Understand helicopter operations on the airfield, including—but not limited to— hover-taxi, air-taxi, and nonmovement area departures
- 8. Verify all pilot readbacks are accurate and correct.
- 9. Additional Controlling Software
  - a. Understand the use and application of vTDLS, vStrips, as well as basic STARS data entry.