

vZLA Training Syllabus: Terminal Control 3

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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 certification. Certification 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 certification.

3. PREREQUISITES

The prerequisites for TC3 training are outlined in the ZLA Training Summary. The student must hold a minimum VATSIM S3 and have completed the TC2 certification.

4. SESSION PREPARATION

1. This training should be conducted on Consolidated SOCAL Approach: reference the ZLA Training Summary
2. Students should:
 - a. Arrive at session with CRC set up by student preference. Students are required to have the following displays open:
 - i. STARS display (Position SCT Consolidated)
 - ii. ASDE-X (LAX & SAN)
 - b. Students are recommended, but not required to have the following displays active:
 - i. ASDE-X (SNA)
 - ii. Tower Cab Mode (Satellites)
 - c. Review the following Documentation:
 - i. *Each* SoCal TRACON Area SOP
 - ii. [Los Angeles ARTCC \(ZLA\) - Southern California TRACON \(SCT\) LOA](#)
 - i. It should be noted that controllers are responsible for compliance with relevant SOPs / LOAs in syllabi for previously completed certifications

5. KNOWLEDGE REQUIREMENTS

1. Demonstrate knowledge and application of the following **separation minima**:
2. Airspace / Geography Familiarization
 - a. Identify lateral and vertical boundaries of position airspace
 - b. Identify adjacent Local Control, Terminal, and Enroute airspace boundaries
 - i. Identify critical sector strata between SCT Areas:
 1. 1 and 6, 6 and 3, 2 and 3
 - c. Employ efficient scan of all position airspace

3. Departures
 - a. Understand direction / flow of primary SIDs from each SCT Area
 - b. Ensure lower-level services are to standard, expeditious and efficient
4. Arrivals
 - a. Understand direction / flow of primary STARs to each SCT Area
 - b. Vectoring
 - i. Mastery of vectoring techniques
 - c. Radar Approaches
 - i. Effective and *efficient* use of radar vectored *and* full approach methods in order to flow traffic expeditiously
 - d. Simultaneous independent instrument approaches
 - i. Use of no-transgression zone (NTZ) for IMC radar approaches