

**VATSIM LOS ANGELES ARTCC
S1 EXAMINATION SYLLABUS**

OBJECTIVE - To establish the standards required for a student to pass the S1 examination at ZLA. Students must demonstrate proficiency in the elements listed below in accordance with FAA JO 7110.65 prior to receiving an S1 rating. The S1 checkout will take place on the SAN_GND position.

ELEMENTS -

1. Arrive at session with vSTARS scope set up in accordance with [this video](#)*
2. Conduct a position relief briefing with instructor IAW [ZLA Position Relief Briefing SOP](#)
3. vSTARS text and key commands - can be found [here](#)
 - a. Demonstrate proficiency in using alias commands
4. Determine runway in use based on METAR
5. Issuing VFR clearances at Class B, C, and D airports
6. Coordinate with overlying controllers as necessary
7. Issuing IFR clearances
 - a. Demonstrate knowledge of adjacent ARTCC letters of agreement
 - b. Comply with Required Internal Routes SOP
 - c. Issuing TEC Route clearances
 - i. Understand when TEC route codes can or cannot be used in clearances
 - d. Demonstrate proper phraseology when issuing full route clearances
 - e. Make required amendments to all elements of aircraft flight plans
8. Ground control
 - a. Issue taxi instructions to outbound aircraft
 - b. Separate moving aircraft appropriately
 - c. Ensure aircraft are switched to appropriate tower frequency
9. Helicopter procedures
10. Verify pilot readbacks are correct, and correct appropriately if necessary
11. Release control of position to instructor by conducting a mock briefing at end of checkout

*Failure to have scope set up prior to session will result in immediate cancellation of training session at the discretion of the instructor