PURPOSE
This Policy sets out the required ratings and certifications necessary to plug into any ZLA control position.

ROLES AND RESPONSIBILITIES
The Office of Primary Responsibility (OPR) for this Policy is the ZLA Senior Staff. This Policy shall be maintained, revised, updated or canceled by the ZLA Senior Staff. Any suggestions for modification/amendment to this Policy should be sent to the Staff for review.

DISTRIBUTION
This SOP is intended for use by controllers staffing any ATC position within ZLA.

BACKGROUND
Controlling on the network as a whole and at ZLA specifically requires a foundational understanding of not just air traffic control concepts, but also of each underlying piece of airspace. The training program is designed to ramp up understanding and build core layers of controlling ability so that each new complexity or traffic level is met with a strong understanding. Therefore this policy describes the requirements to control each position at ZLA, the airspace classification tiers, and which endorsements are required.

VERSION

List of Changes

Version	Date	Explanation of Changes
5.00	5FEB24	Changed to PDF format, updated for GCAP
5.10	2JUL24	Clarification on ground position running an ATIS

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1. REQUIREMENTS

    a. No controller shall plug into any ZLA position without having met all the criteria set out in the General Requirements and Recent Experience sections of the General Requirements SOP.

    b. Visiting and transferring controllers must meet all of the criteria set out in the Visiting/Transfer Controller Policy.

    c. Controlling in ZLA is "top-down" meaning a controller must hold all applicable Tier 1 and Tier 2 endorsements and controller ratings for airspace at and below the airspace being worked.

    d. Aside from top-down controlling, no controller shall work more than one position or frequency during non-event times, except for briefly providing coverage for another controller who has stepped away or for the purpose of providing an ATIS.

        1. During event times, controllers may work more than one position or frequency only as authorized by the ATM, DATM, EC, or CIC.

    e. In order to connect an ATIS, the controller must be responsible for the runways in use unless otherwise coordinated with the controller responsible for runways in use.

2. EVENTS

    a. During any official ZLA event, no controller may control any featured airport unless they are on the event roster or have received approval from the ATM, DATM, TA, or EC.

    b. Self-monitored training (SMT) is not permitted during official ZLA events.

    c. During any ZLA supported VA fly-in, the ATM, DATM, TA, and EC reserve the right to remove a controller from any position if they believe the controller lacks the necessary competency to manage the traffic level.

    d. These restrictions are in effect from 1 hour prior to the event start time until 1 hour after the event end time.

3. SPLITTING POSITIONS

    a. Unless otherwise approved by the senior staff, no controller may split tower cab positions except for during a rostered event. Splits during events should be coordinated with the CIC for that event.

        1. Delivery and Ground shall be combined at all times unless specifically rostered for an event. Clearance Delivery may <u>not</u> be worked by itself.

    b. Center and Approach positions may be split, but controllers should be mindful that they are not putting undue pressure on someone to split a position

        1. Approach positions may not be split into "radar assist" positions

    c. R-side/D-side Splitting is permitted under the following circumstances:

        1. Fully center certified home and visiting controllers may elect to split LA Center as an R-Side and D-Side. Controllers already on position may deny the split request for any reason.

        2. Center-students with a solo endorsement may only split R-Side/D-Side if the controller they are splitting with is a Center-certified mentor or Instructor.

4. TIER 1 AIRPORT AND AIRSPACE CONTROLLER REQUIREMENTS

    a. Must hold the applicable controller rating for the position being worked

    b. Must receive a specific endorsement for the applicable tier 1 position

    c. May be required to pass an Over the Shoulder (OTS) practical exam

    d. Must be on the ZLA Home or Visiting roster

    e. Examples

        1. An S3 rated controller with only a San Diego Tower Tier 1 endorsement may not control any other Tier 1 Tower position.

2. A controller who receives a Tier 1 endorsement for San Diego Ground still needs to get a Tier 1 Endorsement for San Diego Tower.
3. A controller with only a Tier 1 endorsement for SCT Area 5 may not control any LAX position.

5. TIER 2 AIRPORT AND AIRSPACE CONTROLLER REQUIREMENTS
   a. Must hold the applicable controller rating for the position being worked
   b. Must receive an endorsement for the applicable tier 2 category
   c. Must be on the ZLA Home or Visiting roster

6. UNRESTRICTED AIRPORT AND AIRSPACE CONTROLLER REQUIREMENTS
   a. Must hold the applicable controller rating for the position being worked
   b. Must be on the ZLA Home or Visiting roster

7. ENDORSEMENT TRAINING REQUIREMENTS AND PRIVILEGES
To receive a Tier 1 or Tier 2 endorsement, a controller must satisfy the training requirements outlined in the ZLA Training Summary as well as meet the competencies described in the applicable syllabus for that endorsement.

8. LIST OF ENDORSEMENTS
ZLA Controllers may be granted the following endorsements. A full list of positions and their correlated Tier 2 category or Tier 1 status is available in the appendices. Refer to the ZLA Training Summary for information on how each endorsement is granted.
   a. <u>Tier 2 Endorsement Categories</u>
       1. Complex Procedures Category Endorsement
       2. Military Category Endorsement
       3. Enroute
   b. <u>Tier 1 Endorsements</u>
       1. S1 Endorsements
           i. Las Vegas Ground
           ii. Los Angeles Ground
           iii. San Diego Ground
               1. This endorsement includes Tier 2 ground endorsements for the Complex and Military categories
       2. S2 Endorsements
           i. Las Vegas Tower
           ii. Los Angeles Tower
               1. This endorsement includes Tier 1 endorsements for LAS and LAX Ground and Tower
           iii. San Diego Tower
               1. This endorsement includes Tier 2 tower endorsements for the Complex and Military categories
       3. S3 Endorsements
           i. L30 Las Vegas TRACON
               1. This endorsement includes SCT Area 6 and the SCT Area 2 SMT Exemption
           ii. SOCAL Los Angeles (Areas 2, 6)
           iii. SOCAL San Diego (Area 5)

           1. This endorsement includes Tier 2 approach endorsements for the Complex and Military categories
    iv. SOCAL Combined (SCT_APP)

9. SOLOS AND SELF-MONITORED TRAINING

Self-Monitored Training (SMT) is designed to allow ZLA students to practice and refine their skills on the live network. Once a student has reached a minimum level of competency, a ZLA instructor or mentor will issue a solo endorsement.

    a. <u>Solo Endorsements</u>
        1. Upon receipt of a Tower, Approach, or Center solo endorsement, a controller may participate in SMT for the duration of the endorsement (normally 30 days).
           i. A solo endorsement that has expired may be renewed by completing a training session with a mentor or instructor.
    b. <u>SCT Area 2 Exemption</u>
        1. Controllers who hold an L30 Las Vegas TRACON Tier 1 Endorsement are also granted an SCT Area 6 Endorsement. A controller holding this endorsement may work SCT Area 2 provided no other fully endorsed Area 2 controller is online.
        2. The purpose of this exemption is to provide radar controllers an opportunity to practice working LAX finals in a controlled environment prior to training on SCT Consolidated Approach.
           i. When a controller holding a full endorsement does come online, the SMT controller must cede control of Area 2.
           ii. Controllers may not work SCT Area 2 alone under this exemption

10. DISCRETION

At the direction of the Senior Staff, adjustments may be made to better fit individual controller needs.

APPENDIX A - TIER 1 AIRPORTS & AIRSPACE

The ZLA Tier 1 airports and airspace are listed below.

<u>Las Vegas</u>

Las Vegas Approach (LAS_APP) top-down including the following airport top-down:
- KLAS

<u>Southern California</u>

SOCAL Approach Areas 2, 5, and 6, all of SOCAL combined (SCT_APP), and including the following airports top-down:
- KLAX
- KSAN

The LAX airport top-down includes both LAX_APP and LAX_DEP

The SAN airport top-down includes both SAN_APP and SAN_DEP

SOCAL Combined Approach (SCT_APP) is a standalone endorsement to work all SCT Areas combined

APPENDIX B - TIER 2 AIRPORTS & AIRSPACE

Los Angeles Center (LAX_CTR) is considered Tier 2 airspace throughout. No controller may plug into any Center position without holding the applicable controller rating and also receiving a Tier 2 Endorsement from the training staff.

VATUSA En Route Category
Los Angeles Center (LAX_CTR)

VATUSA Complex Procedures Category
Southern California
SOCAL TRACON Area 1 (BUR_APP) top-down including the following airports top-down:
- KBUR
- KWHP
- KVNY

SOCAL TRACON Area 3 (ONT_APP) top-down including the following airports top-down:
- KCNO
- KEMT
- KONT
- KPOC
- KPSP
- KRIV (including RIV_APP)
- KSBD

SOCAL TRACON Area 4 (SNA_APP) top-down including the following airports top-down:
- KFUL
- KLGB
- KSLI
- KSNA
- KTOA

SOCAL TRACON Area 5 airports top-down:
- KCRQ
- KMYF
- KNFG
- KNKX
- KNRS
- KNZY
- KRNM
- KSDM
- KSEE

SOCAL TRACON Area 6 airports top-down:
- KSMO
- KHHR

Santa Barbara
Santa Barbara Approach (SBA_APP) top-down including the following airports top-down:
- KSBA

- KSBP
- KSMX
- KVBG

<u>Pt. Mugu</u>
Pt. Mugu Approach (NTD_APP) top-down including the following airports top-down:
- KCMA
- KNTD
- KOXR

<u>Joshua Approach Antelope Sector (JCF, PMD)</u>
Joshua Approach (PMD_APP) top-down including the following airports top-down:
- KPMD
- KVCV
- KWJF

VATUSA Military Category
<u>Nellis Approach</u>
Nellis Approach and Range Control (LSV_APP) top-down including the following airports top-down:
- KLSV

<u>Joshua Control Facility R-2508 Complex (JCF, EDW)</u>
Joshua Approach (EDW_APP) top-down including the following airports top-down:
- KEDW
- KMHV

APPENDIX C - TABLE OF TIER 1 & TIER 2 AIRSPACE

Below is a comprehensive list of all tier classifications in ZLA. There are <u>no</u> standalone Tier 1 or Tier 2 airports. All tiered airports underlie a tiered approach.

VATSIM Callsign	Name	Tier	Notes
Center			
LAX_CTR	Los Angeles Center	2	All Center Positions
Approach (includes _DEP)			
BUR_APP	Burbank	2	SCT Area 1
EDW_APP	Edwards	2	Military Category
JCF_APP	Joshua Combined	2	Complex Procedures Category
LAS_APP	Las Vegas	1	Works LSV_APP, Complex Procedures Category
LSV_APP	Nellis/Range	2	Military Category
LAX_APP	Los Angeles	1	SCT Area 2, LAX_DEP Area 6
NTD_APP	Pt. Mugu	2	Complex Procedures Category
ONT_APP	Empire	2	SCT Area 3, Complex Procedures Category
PSP_APP	Springs	2	SCT Area 3 Decombined
SAN_APP	San Diego	1	SCT Area 5, Complex Procedures Category
SCT_APP	SOCAL Combined	1	All SCT Areas
SBA_APP	Santa Barbara	2	Complex Procedures Category
SNA_APP	Coast	2	SCT Area 4, Complex Procedures Category
Tier 1 Airports			
LAS_TWR	Harry Reid (Las Vegas)	1	
LAS_GND	Harry Reid (Las Vegas)	1	
LAS_DEL	Harry Reid (Las Vegas)	1	
LAX_TWR	Los Angeles	1	
LAX_GND	Los Angeles	1	

LAX_DEL		1	
SAN_TWR		1	
SAN_GND	San Diego Lindbergh	1	
SAN_DEL		1	
Tier 2 Airports			
BUR_TWR		2	
BUR_GND	Hollywood/Burbank Airport	2	Complex Procedures Category
BUR_DEL		2	
CMA_TWR		2	
CMA_GND	Camarillo Airport	2	Complex Procedures Category
CMA_DEL		2	
CNO_TWR		2	
CNO_GND	Chino	2	Complex Procedures Category
CNO_DEL		2	
CRQ_TWR		2	
CRQ_GND	Palomar	2	Complex Procedures Category
CRQ_DEL		2	
EDW_TWR		2	
EDW_GND	Edwards	2	Military Category
EDW_DEL		2	
EMT_TWR		2	
EMT_GND	El Monte (San Gabriel Valley Airport)	2	Complex Procedures Category
EMT_DEL		2	
FUL_TWR		2	
FUL_GND	Fullerton	2	Complex Procedures Category
HHR_TWR		2	
HHR_GND	Hawthorne	2	Complex Procedures Category

HHR_DEL		2	
LGB_TWR	Long Beach	2	Complex Procedures Category
LGB_GND		2	
LGB_DEL		2	
LSV_TWR	Nellis	2	Military Category
LSV_GND		2	
LSV_DEL		2	
MHV_TWR	Mohave	2	Complex Procedures Category
MHV_GND		2	
MYF_TWR	Montgomery	2	Complex Procedures Category
MYF_GND		2	
MYF_DEL		2	
NFG_TWR	Camp Pendleton	2	Complex Procedures Category
NFG_GND		2	
NKX_TWR	Miramar MCAS	2	Complex Procedures Category
NKX_GND		2	
NKX_DEL		2	
NRS_TWR	Imperial Beach NOLF	2	Complex Procedures Category
NRS_GND		2	
NTD_TWR	Pt. Mugu NAS	2	Complex Procedures Category
NTD_GND		2	
NTD_DEL		2	
NZY_TWR	North Island NAS	2	Complex Procedures Category
NZY_GND		2	
NZY_DEL		2	
ONT_TWR	Ontario	2	Complex Procedures Category
ONT_GND		2	

ONT_DEL		2	
OXR_TWR		2	
OXR_GND	Oxnard	2	Complex Procedures Category
OXR_DEL		2	
PMD_TWR		2	
PMD_GND	Palmdale	2	Complex Procedures Category
PMD_DEL		2	
POC_TWR		2	
POC_GND	Brackett	2	Complex Procedures Category
POC_DEL		2	
PSP_TWR		2	
PSP_GND	Palm Springs	2	Complex Procedures Category
PSP_DEL		2	
RIV_TWR		2	
RIV_GND	March AFB	2	Complex Procedures Category
RIV_DEL		2	
RNM_TWR		2	
RNM_GND	Ramona	2	Complex Procedures Category
RNM_DEL		2	
SBA_TWR		2	
SBA_GND	Santa Barbara	2	Complex Procedures Category
SBA_DEL		2	
SBD_TWR		2	
SBD_GND	San Bernardino	2	Complex Procedures Category
SBD_DEL		2	
SBP_TWR		2	
SBP_GND	San Luis Obispo	2	Complex Procedures Category

SBP_DEL		2	
SDM_TWR		2	
SDM_GND	Brown Field	2	Complex Procedures Category
SDM_DEL		2	
SEE_TWR		2	
SEE_GND	Gillespie	2	Complex Procedures Category
SEE_DEL		2	
SLI_TWR		2	
SLI_GND	Los Alamitos AAF	2	Complex Procedures Category
SLI_DEL		2	
SMO_TWR		2	
SMO_GND	Santa Monica	2	Complex Procedures Category
SMO_DEL		2	
SMX_TWR		2	
SMX_GND	Santa Maria	2	Complex Procedures Category
SMX_DEL		2	
SNA_TWR		2	
SNA_GND	John Wayne/Santa Ana	2	Complex Procedures Category
SNA_DEL		2	
TOA_TWR		2	
TOA_GND	Torrance	2	Complex Procedures Category
TOA_DEL		2	
VBG_TWR		2	
VBG_GND	Vandenberg Space Force Base	2	Complex Procedures Category
VBG_DEL		2	
VCV_TWR		2	
VCV_GND	Victorville	2	Complex Procedures Category

VCV_DEL		2	
VNY_TWR	Van Nuys	2	Complex Procedures Category
VNY_GND		2	
VNY_DEL		2	
WHP_TWR	Whiteman	2	Complex Procedures Category
WHP_GND		2	
WJF_TWR	William J. Fox	2	Complex Procedures Category
WJF_GND		2	