

1. PURPOSE:

This letter of agreement establishes standard procedures for coordination of air traffic between Los Angeles ARTCC (ZLA) and Albuquerque ARTCC (ZAB)

2. CANCELLATION:

All previous agreements are cancelled.

3. SCOPE:

The provision and procedures contained herein are supplemental to those contained in FAA Order 7110.65 and VATSIM/VATUSA policies/procedures.

4. VERSION:

List of Changes

Version	Date	Explanation of Changes
4.00	3APR21	Metroplex Overhaul. New STAR and routing for L30. Version Control added.

5. PROCEDURES:

1. Definitions:

- a. Empire Area: KONT, KCNO, KPOC, KAJJO, KEMT, KRAL, KSBD airports
- b. Coast Area: KSNA, KLGB, KTOA, KFUL airports
- c. Burbank Area: KBUR, KVMY airports
- d. San Diego Area: KSAN, KMYF, KCRQ, KSEE airports
- e. SoCal Area: All airports in Southern California
- f. Las Vegas Area: KLAS, KVGJ, KHND, KLSV airports
- g. Phoenix Area: KPHX, KSDL, KDVT, KFFZ, KGYR, KGEU, KIWA, KCHD, KLUF, KCGZ, P19, 18AZ, E25 airports

2. General Procedures:

- a. Minimum radar separation required by each facility is 5 nautical miles (NM)
 - b. Either center may assign altitudes invalid for direction of flight provided specific verbal approach is obtained from the receiving center prior to handoff
 - c. A radar handoff and communications transfer constitutes transfer of control for turns up to 20 degrees, speed, and transponder code change without coordination
 - d. Either center may provide direct routing to RNAV or GPS equipped aircraft with destinations in the receiving center's airspace no further than a transition point on a published STAR. For airports not served with a STAR, aircraft may be routed direct a NAVAID nearest its destination airport
 - e. Each center shall advise the other at the time major airports change flows, if the change requires a change to the routings
3. Los Angeles Center Shall
- a. Provide at least 10 MIT separation regardless of altitude between successive arrivals destined to the same airport in the Phoenix Area (unless other separation is coordinated)
 - b. Route KPHX arrivals from the SoCal Area (except Burbank, San Diego areas) via
 - i. BLH.HYDRR STAR [RNAV]
 - ii. BLH.ARLIN STAR [NON-RNAV] (Aircraft cruising FL240A)
 - iii. BLH.BLH STAR [NON-RNAV] (Aircraft cruising FL230B)
 - c. Route KPHX arrivals from the San Diego Area via
 - i. HOGGZ.HYDRR STAR [RNAV]
 - ii. MOHAK.ARLIN STAR [NON-RNAV]
 - d. Route KPHX arrivals from the Burbank Area via
 - i. HEC.PRFUM.WOTRO.BRUSR STAR [RNAV]
 - ii. HEC.COYOT STAR [NON-RNAV]
 - e. Route KPHX arrivals from the Las Vegas Area via
 - i. WOTRO.BRUSR STAR [RNAV]
 - ii. WOTRO.COYOT STAR [NON-RNAV]
 - f. Route KSDL arrivals from SoCal Area via
 - i. BLH.ARLIN STAR [NON-RNAV] (Aircraft cruising FL240A)
 - ii. BLH.BLH STAR [NON-RNAV] (Aircraft cruising FL230B)
 - g. Route KSDL arrivals from the San Diego Area via
 - i. MOHAK.ARLIN STAR [NON-RNAV]
 - h. Route KSDL arrivals from Las Vegas Area via
 - i. DSERT.DSERT STAR [RNAV]
 - i. Route all other Phoenix Area arrivals from SoCal Area (except San Diego Area) via
 - i. BLH.V16.PXR
 - j. Route all other Phoenix Area arrivals from San Diego Area via
 - i. BZA.V66.GBN
 - k. Ensure all Phoenix Area arrivals enter ZAB airspace as follows
 - i. Turbojets at or below FL250 from ZLA sectors 39, 31
 - ii. Turbojets at or below FL290 from ZLA Sector 35
 - iii. Non-turbojets routed via BZA at or below FL230
 - iv. All other non-turbojets at or below 17000
4. Albuquerque Center Shall
- a. Provide at least 10 MIT separation regardless of altitude between successive arrivals destined to the same airport in the SoCal or Las Vegas Areas (unless other separation is coordinated)
 - b. Route KLAX arrivals via

- i. KLAX Landing West
 - i. GABBL.HLYWD STAR [RNAV]
 - ii. ESTWD.HLYWD STAR [RNAV]
 - iii. TNP.SEAVU STAR [NON-RNAV]
 - ii. KLAX Landing East
 - i. GABBL.BRUEN STAR [RNAV]
 - ii. ESTWD.BRUEN STAR [RNAV]
 - iii. TNP.BASET STAR [NON-RNAV]
 - iii. KLAX Noise Abatement
 - i. GABBL.MDNYT STAR [RNAV]
 - ii. ESTWD.MDNYT STAR [RNAV]
 - iii. TNP.BASET STAR [NON-RNAV]
 - iv. Non-Turbojet (All Landing Configurations)
 - i. Routed via BLH.V16.LAHAB
 - c. Route Las Vegas Area arrivals via
 - i. All Landing Configurations
 - i. RKSTR STAR [RNAV] [KLAS ONLY]
 - ii. NTNDO STAR [RNAV] [KHND/KVGT ONLY]
 - iii. ISHEE STAR [NON-RNAV] [KLAS ONLY]
 - ii. Altitude Constraints
 - i. At or Below FL300
 - d. Route KSAN arrivals via
 - i. KSAN Landing West
 - i. HOGGZ.LUCKI STAR [RNAV]
 - ii. IPL.BARET STAR [NON-RNAV]
 - ii. KSAN Landing East
 - i. IPL.TOPGN STAR [RNAV]
 - ii. IPL.BARET STAR [NON-RNAV]
 - e. Route Coast Area arrivals via
 - i. SNA Landing South
 - i. EMLLD.DSNEE STAR [RNAV]
 - ii. PSP.KAYOH STAR [NON-RNAV]
 - ii. SNA Landing North
 - i. EMLLD.ROOBY STAR [RNAV]
 - ii. PSP.KAYOH STAR [NON-RNAV]
 - f. Route Empire Area arrivals via
 - i. All Landing Configurations
 - i. PHRED.SCBBY STAR [RNAV] [KONT ONLY]
 - ii. PSP.SETER STAR [NON-RNAV]
 - g. Route Burbank Area arrivals via
 - i. All Landing Configurations
 - i. EED.JANNY STAR [RNAV]
 - ii. HEC.LYNXX STAR [NON-RNAV]
 - h. Route Yuma (KNYL) arrivals via
 - i. JUDTH.V66.BZA
 - i. Descend all Yuma arrivals to cross JUDTH at and maintain 14000
 - j. Ensure all Las Vegas area arrivals enter ZLA airspace at or below FL300
- 5. Airspace and sectorization

- a. ZLA operates combined on 125.80
- b. When sectorized, ZAB shall hand all
 - i. Las Vegas Area flows to ZLA Sector 35 (128.07)
 - ii. San Diego Area flows to ZLA Sector 31 (126.77)
 - iii. SoCal Area flows to ZLA Sector 39 (133.20)
- c. ZAB operates combined on 127.85
- d. When sectorized, ZLA shall hand all
 - i. Phoenix Area arrivals from ZLA Sector 35 to ABQ_N_CTR, ABQ_W_CTR, or ABQ_NW_CTR, or when ZAB uses numbered sectors, ZAB sector 43
 - ii. Phoenix Area arrivals from ZLA sector 31 or 39 to ABQ_S_CTR, ABQ_W_CTR, or ABQ_SW_CTR, or when ZAB uses numbered sectors, ZAB sector 42

Approved:

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