

## 1. PURPOSE:

This letter of agreement establishes standard procedures for coordination of air traffic between Los Angeles ARTCC (ZLA) and Denver ARTCC (ZDV).

## 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. PROCEDURES:

1. Definitions:
  - a. Empire Area: KONT, KCNO, KPOC, KAJO, 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, KVGT, KHND, KLSV 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 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. All aircraft landing Page Muni (PGA) must enter ZDV's airspace with clearance to 15,000 feet MSL or at the assigned altitude if lower. ZDV has control within 20 NM of the common boundary and control to change the data block to reflect clearance.
3. Los Angeles Center Shall
  - a. Provide at least 10 MIT separation regardless of altitude between successive arrivals destined to the same airport in Denver Center (unless other separation is coordinated)
  - b. Route all KDEN arrivals from all ZLA areas via
    - i. KDEN Landing North
      - i. DVC.WOLFF.TELLR STAR [RNAV]
      - ii. TBC.OURAY.LDORA STAR [RNAV]
      - iii. HBU.POWDR STAR [NON-RNAV]
    - ii. KDEN Landing South
      - i. DVC.WOLFF.CREDE STAR [RNAV]
      - ii. TBC.OURAY.PEEKK STAR [RNAV]
      - iii. HBU.POWDR STAR [NON-RNAV]
  - c. Route all KCOS arrivals via
    - i. LAS.J146.HBU.DBRY STAR
    - ii. EED.J236.TBC.J128.HBU.DBRY STAR
  - d. Route all KASE arrivals via

- i. LAS.J146.DVC.DBL
  - e. Route all KEGE arrivals via
    - i. LAS.J146.HBU
- 4. Denver Center Shall
  - a. Provide at least 10 MIT separation regardless of altitude between successive arrivals destined to the same airport in Los Angeles Center (unless other separation is coordinated)
  - b. Route all KLAX arrivals via
    - i. KLAX Landing West
      - i. HAKMN.ANJLL STAR [RNAV]
      - ii. DNERO.ANJLL STAR [RNAV]
      - iii. TBC.J236.EED.TNP.SEAVU STAR [NON-RNAV]
    - ii. KLAX Landing East
      - i. HAKMN.BIGBR STAR [RNAV]
      - ii. DNERO.BIGBR STAR [RNAV]
      - iii. HEC.BASET STAR [NON-RNAV]
    - iii. KLAX Noise Abatement
      - i. HAKMN.MDNYT STAR [RNAV]
      - ii. DNERO.MDNYT STAR [RNAV]
      - iii. HEC.BASET STAR [NON-RNAV]
    - iv. Non-Turbojet (All landing configurations)
      - i. HEC.PMD.KIMMO STAR [NON-RNAV]
  - c. Route Las Vegas Area arrivals via
    - i. SITEE STAR [RNAV] (KLAS ONLY)
    - ii. NOOTN STAR [RNAV] (KHND ONLY)
    - iii. LUXOR STAR [NON-RNAV]
  - d. Route KSAN arrivals via
    - i. KSAN Landing West
      - i. TTRUE.LUCKI STAR [RNAV]
      - ii. TNP.BARET STAR [NON-RNAV]
    - ii. KSAN Landing East
      - i. TTRUE.TOPGN STAR [RNAV]
      - ii. TNP.BARET STAR [NON-RNAV]
  - e. Route Coast Area arrivals via
    - i. SNA Landing South
      - i. MARUE.DSNEE STAR [RNAV]
      - ii. NATEE.DSNEE STAR [RNAV]
      - iii. HEC.KAYOH STAR [NON-RNAV]
    - ii. SNA Landing North
      - i. MARUE.ROOBY STAR [RNAV]
      - ii. NATEE.ROOBY STAR [RNAV]
      - iii. HEC.KAYOH STAR [NON-RNAV]
  - f. Route Empire Area arrivals via
    - i. All Landing Configurations
      - i. MARUE.EAGLZ STAR [RNAV] [KONT ONLY]
      - ii. NATEE.EAGLZ STAR [RNAV] [KONT ONLY]
      - iii. HEC.ZIGGY STAR [NON-RNAV]
  - g. Route Burbank Area arrivals via

- i. All Landing Configurations
    - i. WELUM.JANNY STAR [RNAV]
    - ii. PURSE.JANNY STAR [RNAV]
    - iii. HEC.LYNXX STAR [NON-RNAV]
- 5. Airspace and sectorization
  - a. ZLA Operates combined on 125.80
  - b. When sectorized, ZDV shall hand all arrivals and overflights NORTH of ROOLL to ZLA Sector 54 (135.25)
  - c. When sectorized, ZDV shall hand all arrivals and overflights SOUTH of ROOLL to ZLA sector 36 (127.35)
  - d. ZDV Operates combined on 135.60
  - e. When sectorized, ZLA shall hand all arrivals and overflights at FL270 and above to DEN\_25\_CTR (133.52).
  - f. When sectorized, ZLA shall hand all arrivals and overflights at FL260 and below to DEN\_12\_CTR (125.35).

Approved:

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