LOS ANGELES, CA, LOS ANGELES INTERNATIONAL AIRPORT (LAX) NOISE ABATEMENT PROCEDURES

Successive or simultaneous departures from Runways 24L/R and Runways 25L/R are authorized, with course divergence beginning within 2 miles from the departure end of parallel runways, due to noise abatement restrictions.

MODEL AIRCRAFT ACTIVITY—DAVIS, CALIFORNIA

Model aircraft activity conducted 1200´ AGL and below, 0.5 NM radius of N38º35´, W121º42´ (5 NM NE EDU), Sunrise–Sunset. Caution advised.

MODEL AIRCRAFT ACTIVITY—EL TORO, CALIFORNIA

Model aircraft activity conducted 500´ AGL and below, 0.5 NM radius of apch end of Rwy 25L. CLOSED MCAS El Toro, daily 1500–0400Z‡. For NOTAM information check the Federal NOTAM System (FNS) website (https://notams.aim.faa.gov/notamSearch/) or contact Flight Service.

MODEL AIRCRAFT ACTIVITY–WITTMANN, ARIZONA

Model aircraft activity conducted 2000´AGL and below, 1 NM radius of the Buckeye VORTAC (BXK) R–034 at 24 DME. Daily, Sunrise–Sunset.

EXTENSIVE HELICOPTER FLIGHT TRAINING IN THE VICINITY OF ROCKY MOUNTAIN METROPOLITAN AIRPORT (BJC), BROOMFIELD, COLORADO

Frequent usage of Runway 12R–30L, Taxiway D, and the north end of Runway 21 by helicopter flight schools. Pilots are cautioned to listen carefully to ATC for turnoff instructions when landing on Runway 12R–30L.

U.S. AIR FORCE ACADEMY

KAFF is a military airfield. No civil/unassigned acft allowed. No services available. Use caution in area for high density student pilot training, parachute ops, glider ops and UAS. Ctc Airfield Operations 719-333-2526 with questions or requests. Check NOTAMs for most current information. CTAF 124.15 ATIS 128.525 269.375.

Office of Responsibility: U.S.Air Force 306th OSS/OSAA, Airfield Management. **Contact Information:** DSN 333-2526/2367 or Commercial 719-333-2526/2367

Effective from 10 Sep 2020 **to** 6 Sep 2022

INTENSE HELICOPTER OPERATIONS LOS ANGELES BASIN AREA, CALIFORNIA

CAUTION: Intense helicopter operation below 2000´AGL. All pilots transitioning the area at or below 2000´AGL are encouraged to make regular position reports as follows:

When operating along a line parallel to and one mile North along the 91 Freeway corridor from West where the extension of that line intersects the beach just South of Manhattan Beach pier, East along the 91 Freeway to Prado Dam and all areas North of this line in the LA Basin, pilots are encouraged to make regular position reports on 123.025 when not in contact with ATC.

When operating along a line parallel to and one mile North along the 91 Freeway corridor from West where the extension of that line intersects the beach just South of Manhattan Beach pier, East along the 91 Freeway to Prado Dam and all areas South of this line in the LA Basin, pilots are encouraged to make regular position reports on 122.85 when not in contact with ATC.

LOS ANGELES INTERNATIONAL AIRPORT
NOISE ABATEMENT PROCEDURES

This section sets forth the Los Angeles World Airports (LAWA's) informal noise abatement procedures. All aircraft operators shall comply with Federal Aviation Administration (FAA) regulations and procedures for noise abatement and noise emission standards and with all rules, policies, procedures, resolutions and ordinances established by the City of Los Angeles, LAWA's Board of Airport Commissioners relative to noise abatement.

It is not intended that any of the traffic or flight procedures contained herein shall, in any manner, abrogate the authority and responsibility of the pilot in command to ensure the safe operation of their respective aircraft. Nor do these procedures supersede Air Traffic Control (ATC) instruction.

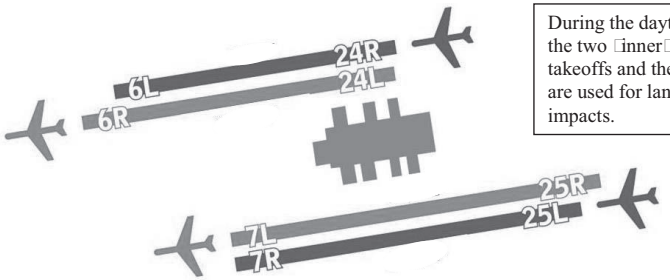
No Turns Before the Shoreline: Early Turn Notification Program

To minimize noise in residential communities along the north and south airport boundaries, pilots of all aircraft departing toward the west (over the ocean) shall fly straight until past the shoreline before beginning any turns, **unless** specifically instructed otherwise by FAA ATC. Pilots should be advised that FAA ATC personnel may issue the departure clearance, "At the shoreline, turn left heading 210" for runway 25R/L departures; for runway 24R/L the clearance may be, "At the shoreline, turn right heading 271".

Noise Management staff regularly monitors all early turns to the north and south, and uses ATC recordings to verify whether FAA ATC instructed the early turn. With regards to pilot initiated early turns based on our investigation findings, airlines and general aviation operators are asked to investigate the incident and to respond to LAWA with an explanation of why the incident occurred and what the airline or general aviation operator have done or will do to correct the problem for future departures.

Preferential Runway Use Procedure

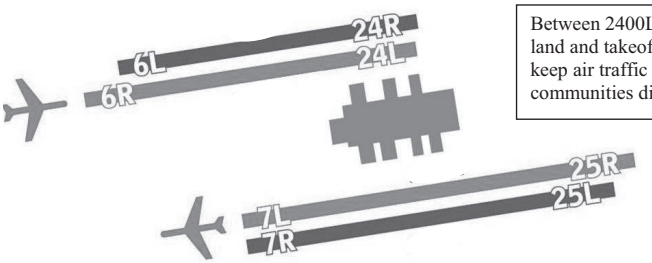
During the daytime and evening hours between 0700L to 2200L, LAX prefers that the outer runways 24R and 25L are reserved for arrivals, and that the inner runways 24L and 25R are used for departures, which are usually louder than arrivals. During the noise-sensitive hours between 2200L to 0700L, FAA ATC maximizes the use of the inner runways and taxiways for all operations to lessen community noise impacts.



During the daytime and evening hours, the two "inner" runways are used for takeoffs and the two "outer" runways are used for landings to reduce noise impacts.

Over-Ocean Operation Procedure

During the noise-sensitive early morning hours between 2400L to 0630L, all aircraft operating at LAX shall approach and depart over the ocean, unless FAA ATC determines that weather or navigational equipment conditions are unsafe for such operations. LAX prefers arriving aircraft utilize the inner 06R runway and departing aircraft utilize the inner 25R runway.



Between 2400L to 0630L, all aircraft land and takeoff over the ocean to keep air traffic away from communities directly east of LAX.

Maintenance/Run-up Restrictions Between 2300L and 0600L

a. Operators unable to perform run-ups on approved leasehold run-up pads, must obtain approval and instructions from LAX Airport Operations (310) 646-4265, prior to conducting such activity on any non-leased areas of the Airport.

b. The run-up of mounted aircraft engines for maintenance or test purposes on both leased and non-leased areas is prohibited between the hours of 2300-0600 unless waived on a case by case basis by the Executive Director or his/her designee, as provided below:

i. The engine(s) will be run in a sound suppression unit that will reduce the sound level at the Airport perimeter to 8dB in A- weighted sound level or less above the ambient background level in surrounding residential areas at the time the run-up is conducted.

ii. A single engine will not be operated to exceed idle power at each leasehold area. If more than one engine is to be checked, each engine must be checked separately.

iii. Auxiliary power units are only operated for maintenance and preflight checks.

c. Idle engine checks, run-ups and auxiliary power units are to be operated at minimum time required to accomplish the necessary maintenance or preflight check.

d. Maintenance or test running of jet engines not mounted on an aircraft is prohibited unless performed in a test cell of adequate design. Said cell shall meet noise level criteria at a measurement distance of 250 feet from the center thereof, as follows:

Octave Band Mid-Band Frequency, Hz	Sound Pressure Level dB re: 20 uPa
31.5	86
63	82
125	77
250	73
500	71
1000	69
2000	67
4000	65
8000	59

Airport Operations staff regularly inspects the airfield area and tenant facilities. If they observe any unauthorized run-up activity during night time hours as noted above, they will halt the operation as necessary.

Helicopter Operating Procedures

This section is for helicopter operators with a valid Operating Agreement with LAWA, including a signed Letter of Agreement.

a. All operators conducting helicopter operations at LAX shall carry a current LAX area Helicopter Route Chart and shall comply with ATC requirements and procedures pertaining to helicopter routes and altitudes within the Los Angeles Class B airspace, and with the procedures set forth herein.

b. Helicopter operators arriving or departing the airport shall utilize the flight routes designated by the FAA for Visual Flight Rules (VFR) and Special Visual Flight Rules (SVFR) operations.

c. During SVFR operations, helicopter operators are requested to utilize the southerly industrial route when arriving or departing the airport unless specifically instructed otherwise by ATC.

d. In addition to using FAA designated flight routes, helicopters maintain an altitude of 2,000 feet, weather, traffic and safety permitting.

e. Helicopter operators shall use noise abatement approach and departure flight techniques.

f. Helicopter operators shall avoid nighttime (2200 to 0700) operations except in extreme emergency cases.

g. All helicopter training operations are prohibited, such as: touch-and-go, stop-and-go, and low approach, except for FAA certification flights.

h. Helicopter operators shall provide an identification symbol as prescribed by LAWA that is readily visible from the ground on each of the rotorcraft used in regularly scheduled LAX service.

i. Prior to issuance of a helicopter operating agreement, operators are required to develop, implement, and file with the Board of Airports Commissioners a "Fly Neighborly Program" that emphasizes noise abatement and community compatibility through actions in at least the following areas:

  i. Pilot Awareness

  ii. Pilot Training and Flight Operations Planning

iii. Noise Abatement Techniques

iv. Sensitivity to Community Concerns

v. Public Information/Helicopter Identification

vi. VFR/SVFR Approach and Departure Routes

vii. Hours of Operations

j. Fly Neighborly Programs shall be kept current and shall be re-filed with the Board of Airport Commissioners whenever revised.

k. All helicopter-operating agreements shall be issued for a period not longer than five years and shall be reviewed on an annual basis by the Executive Director. The Executive Director shall submit a compliance report to the Board of Airport Commissioners.

Imperial Terminal Procedures

a. All turboprop powered aircraft over 65,000 pounds maximum gross landing weight or turbojet powered aircraft (regardless of weight) arriving at the Imperial Terminal will taxi to a position on Taxiway A adjacent to the terminal ramp. At this point, engines will be shut down and the aircraft towed into its assigned parking position.

b. All turboprop powered aircraft over 65,000 pounds maximum gross landing weight or turbojet powered aircraft (regardless of weight) departing the Imperial Terminal will be towed to a position on Taxiway A adjacent to the terminal ramp and positioned facing east or west on Taxiway A prior to starting engines.

c. Jet engine runs and run-ups, and turbine-based ground power units are prohibited on the ramp and auxiliary power units may only be operated.

If you have any questions regarding these noise abatement procedures, please contact LAX Noise Management at 424-646-6500 or see the LAX Rules and Regulations located here: *LAX's Aircraft Noise Abatement Operating Procedures and Restrictions*.