

#### **4.1 Operation of Aircraft**

- 4.1.1 All persons who navigate, land, service, maintain, or repair aircraft shall do so in conformity with Federal Aviation Administration (FAA), Transportation Security Administration (TSA), National Transportation Safety Board (NTSB) and California Department of Transportation (CA DOT) Rules and Regulations, and the Rules and Regulations contained herein.
- 4.1.2 No person shall interfere or tamper with any aircraft.
- 4.1.3 No person shall enter an aircraft without the consent of the owner or representative in-charge.
- 4.1.4 No person shall start the engine of any aircraft without the owner's/operator's consent.

#### **4.2 Air Traffic Rules**

- 4.2.1 No motorless or ultralight aircraft shall be permitted to land or to take off.
- 4.2.2 No touch and go landings are permitted.
- 4.2.3 No formation takeoffs and landings are permitted. Exceptions may be approved by the General Manager or designee on a case-by-case basis.
- 4.2.4 No person shall land on, fly the approach to, or takeoff from any runway during the time that said runway is closed, except in cases of emergency.
- 4.2.5 No person shall land or takeoff or attempt to land or takeoff any aircraft from any runway, which is at the time being used by another aircraft, except in cases of emergency and as directed by the FAA Air Traffic Control (ATC) Tower.
- 4.2.6 Landing aircraft shall exit the runway as safely and promptly as possible.

#### **4.3 Training Flights and Student Pilots**

- 4.3.1 No aircraft shall land, takeoff, or taxi while the aircraft is under the control of a student pilot.
- 4.3.2 Except for familiarization or training flights conducted by tenant air carriers, no training flights shall be conducted.

#### **4.4 Intersection Departures**

- 4.4.1** Intersection departures shall be used only when they improve the overall efficiency of aircraft traffic flow.
- 4.4.2** All intersection departures shall be at the discretion of the FAA ATC Tower.

#### **4.5 Taxiing or Moving Aircraft**

- 4.5.1** Any non-flight crew member who taxis, tows, or otherwise moves an aircraft on any Aircraft Movement Area (AMA) a distance of more than 1,500 feet (long tow) must successfully complete the Aircraft Surface Movement (ASM) Training and hold an ASM icon on their LAX Security Identification Badge.
- 4.5.2** The Aircraft Surface Movement (ASM) Training shall consist of the following:
- a.** Company Training - It is the tenant's responsibility to ensure that all personnel taxiing or towing aircraft on the Air Operations Area (AOA) have been trained and given an orientation program of all AMA and aircraft parking areas. In addition, the tenant shall ensure that all personnel have been trained in the proper methods and procedures for operation of aircraft, tow tractor and other required equipment, airfield and visual aids familiarization, proper VHF radio operating and ATC communication procedures.
  - b.** Classroom Training with LAX Airport Operations - A classroom segment shall consist of material in accordance with FAR Part 139.329.
  - c.** Examination - Successful completion and passing of a thirty-question test with a minimum passing score of 90 percent.
  - d.** Certification - Upon successful completion of the program, the applicant will be given a signed ASM stamp on Page 4 of their LAX Security Badge Application.
  - e.** Badging - Upon completion of all the requirements of the ASM Training and the LAX Security Badge Application, the applicant can be rebadged with the ASM Icon.
  - f.** Recurrent Training - Attendance and successful completion of Section 4.5.2 b - e will be required every 12 consecutive calendar months.
- 4.5.3** An escort provided by LAX Airport Operations via the Airport Response Coordination Center (ARCC) (424) 646- 5292 is required when any aircraft is taxied, towed, or otherwise moved across any runway, when a non-flight crewmember is attending the controls.



- 4.5.4** Whenever any aircraft is being taxied, towed, or otherwise moved on the apron, ramp or airfield, there shall be a person in the aircraft or tow vehicle to communicate on or monitor the designated FAA ATC Tower frequency.
- 4.5.5** Aircraft shall not be taxied, towed, or otherwise moved on any part of the operational areas until specifically cleared to do so by the FAA ATC Tower.
- 4.5.6** In the event of radio equipment failure, the FAA ATC Tower may use an Aldis Lamp for communication, or dispatch an LAX Airport Operations representative to provide an escort.
- 4.5.7** No aircraft shall be taxied, towed, or otherwise moved on any non-operational area unless specifically cleared to do so by the FAA ATC Tower and authorized by the ARCC (424) 646-5292.
- 4.5.8** All aircraft being taxied, towed, or otherwise moved on movement areas shall adhere to company policies and best practices, as described in FAA Advisory Circular 00-65. No aircraft shall be towed, or otherwise moved on any aircraft movement area using a conventional tow vehicle without a trained and authorized person attending the controls and the aircraft braking system.
- 4.5.9** No aircraft shall be taxied, towed, or otherwise moved on the airport in a careless or negligent manner or in disregard of the rights and safety of others or without due caution and circumspection, or in a manner which endangers persons or property, and at a speed that cannot ensure complete control at all times
- 4.5.10** No aircraft shall be taxied, towed or otherwise moved on any airport surface except upon designated taxiways, ramps and aprons, unless otherwise restricted; and, without first ascertaining by visual inspection that it is safe to proceed without danger of collision with persons or property.
- 4.5.11** No aircraft shall be moved or towed on the airport except by a vehicle of a type recommended or approved for such purpose. Said vehicles are restricted to routes prescribed by the General Manager.
- 4.5.12** All aircraft towing vehicles which tows aircraft over 1,500 feet (long tow) in the AMA shall be able to maintain an average speed of at least 10 MPH.
- 4.5.13** All long tow operations shall follow the rules outlined in the Long Tow Program, see **Appendix 10 - Long Tow Program**, which includes identification of approved towing vehicles.

**NOTE:** Full implementation of this program is expected in January 2018 and currently only applies to LAWA approved companies.

- 4.5.14** Power-back operations are only permitted on a case-by-case basis upon approval by the General Manager or designee.
- 4.5.15** No aircraft shall be taxied into or out of a hangar.
- 4.5.16** All aircraft being taxied or towed shall proceed with navigational lights illuminated during the hours between sunset and sunrise or during periods of low visibility.
- 4.5.17** All aircraft shall have taxi lights illuminated when taxiing during the hours between sunset and sunrise.
- 4.5.18** All aircraft taxiing or towing on the movement areas shall have its transponder, or the vehicle's transponder, on and squawk codes assigned by FAA ATC Tower.
- 4.5.19** Jet aircraft under power shall not execute 180 degree turns in position on aprons, ramps, and taxiways, except when authorized by LAX Airport Operations via the ARCC (424) 646-5292.

**4.6 Operation of Aircraft Engines**

- 4.6.1** No aircraft engine shall be started or run unless a licensed pilot or certified mechanic is attending the controls.
- 4.6.2** Prior to starting the engine(s), wheel blocks or chocks to deter aircraft movement, shall always be in place, unless the aircraft is secured by functional brakes.
- 4.6.3** Running of aircraft engines at the gates is prohibited except when operationally necessary.
- 4.6.4** The starting or operating of aircraft engines inside any hangar is prohibited.
- 4.6.5** All aircraft run-ups shall only be conducted at designated locations with an appropriate jet blast fence, unless otherwise authorized by the General Manager or designee.
- 4.6.6** Maintenance running of an aircraft engine at the gate is prohibited unless approved by the General Manager or designee and in compliance with the LAX noise abatement procedures. See **Section 13 - Noise Abatement**.
- 4.6.7** No aircraft engine exhaust, jet blast, and/or propeller wash shall be directed in such a manner as to cause injury, damage, or hazard to any person, structure, or property. Compliance may require the engine(s) to be shut down and the aircraft to be towed.



- 4.6.8** No aircraft shall use excessive power when taxiing onto a gate.
- 4.6.9** Aircraft that come to a stop prior to powering completely on to a gate must be towed in, unless Airport Operations approves the continued use of power to the gate.
- 4.6.10** Aircraft engines shall not be operated during refueling or defueling operations.
- 4.6.11** Cross-bleed starts must be approved by the General Manager or designee.

**4.7 Maintenance/Engine Run-Up Restrictions (Also See Section 13 - Noise Abatement Paragraph 13.7)**

- 4.7.1** Operators unable to perform run-ups on approved run-up pads, must obtain approval and instructions from the ARCC (424) 646-5292, prior to conducting such activity on any non-leased areas of the Airport.
- 4.7.2** 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 General Manager or designee as provided below:
  - a.** 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.
  - b.** 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.
  - c.** Auxiliary power units are only operated for maintenance and preflight checks.
- 4.7.3** Idle engine checks, run-ups and auxiliary power units shall be operated at minimum time required to accomplish the necessary maintenance or preflight check.
- 4.7.4** 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:



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

**4.8 Aircraft Incident/Accident Reporting**

**4.8.1** Any aircraft incident/accident causing personal injury shall make an immediate notification to the Airport Police Emergency Dispatch (424) 646-7911.

**NOTE:** This rule is in addition to all other reports required to be made to other agencies.

**4.8.2** The operator of any aircraft involved in an accident/incident, regardless of ownership or severity, shall make an immediate notification to ARCC (424) 646-5292.

**4.9 Disabled Aircraft Recovery Operations (DARO)**

**4.9.1** Aircraft owners, agents, or pilots shall be responsible for the immediate removal of the disabled aircraft, its parts, and any associated clean-up unless required by proper officials to delay such action pending an investigation.

**4.9.2** Failure to remove the disabled aircraft and its parts immediately upon demand will result in the General Manager or designee removing the disabled aircraft and parts at the expense of the aircraft owners, agents, or pilots. Additional fees may apply pursuant to BOAC Resolution 24833, Section 4

**4.9.3** Aircraft owners, agents, or pilots (by use of this Airport), agree that any costs incurred by Los Angeles World Airports (LAWA) for any such removal or disposal of any aircraft shall be paid to the City.



**4.9.4** LAWA, the City of Los Angeles, the Board of Airport Commissioners (BOAC), and any of their officers, agents, or employees shall be held harmless for any and all loss or damage sustained to any such disabled aircraft.

**4.9.5** As part of the Air Carrier Operating Permit (ACOP), all airlines shall have a DARO Plan on file with Airport Operations.

**4.9.6** Any changes to any airlines' DARO Plan shall be submitted to Airport Operations immediately.

**NOTE:** See **Appendix 03 - DARO and Emergency Contact Information.**

#### **4.10 Aircraft Parking**

**4.10.1** Aircraft shall be parked in designated areas only and in the manner mandated by the General Manager or designee. Aircraft parking requires prior approval from the General Manager or designee.

**4.10.2** No aircraft shall be parked on a ramp or apron area in such a way that any portion protrudes beyond the ramp or apron limit lines, unless previously authorized by the General Manager or designee.

**4.10.3** When instructed by the General Manager or designee, the operator of any aircraft parked or stored shall move said aircraft. If the operator refuses to comply, the General Manager or designee may order removal of the aircraft at the expense of the owner or operator, and without liability for the damage which may result.

**4.10.4** Every aircraft parked on the ramp or apron during the hours between sunset and sunrise or during low visibility periods must be delineated, i.e., reflective cones, navigational lights, or other conspicuous methods, except in areas which are clearly illuminated during these hours.

**4.10.5** General aviation, private, business or corporate aircraft shall not enter or use terminal area gates or public parking positions. Such aircraft shall use fixed-base operator (FBO) facilities for overnight parking and services. Exceptions to this may be granted on a case-by-case, space available basis, and only when the request is initiated by the FBO who cannot fully accommodate these aircraft.



**4.10.6** Requests for a public parking position for a general aviation, private, business, or corporate aircraft must be in compliance with the following instructions:

- a. Contact ARCC (424) 646-5292.
- b. Approvals may be granted for up to 3 days.
- c. All servicing associated with the aircraft/flight, i.e., passenger loading or unloading, fueling, and catering shall be performed only on the FBO leasehold.
- d. The FBO shall be responsible for the aircraft parking fees.

**4.11 Aircraft Repairs/Maintenance**

**4.11.1** All non-routine repair, maintenance, and overhaul work shall be performed at an approved maintenance facility unless authorized by the General Manager through the ARCC (424) 646-5292.

**4.11.2** Routine aircraft maintenance at public parking positions shall comply with the following conditions:

- a. Maintenance/repairs occurring between flight operations at terminal gates shall not exceed 60 minutes.
- b. No displacement or delays are caused to other companies, personnel, or airport operations.
- c. Maintenance/repairs requiring more than 4 hours to complete shall receive approval from the ARCC (424) 646-5292.
- d. Aircraft fluids shall not make contact with the surface.
- e. All evidence of maintenance activities shall be contained, maintained, removed, and/or cleaned immediately upon the completion of the work performed.
- f. Major repairs such as complete engine replacement, flight control replacement, airframe repairs, etc. shall be conducted at an approved maintenance facility.
- g. Repairs requiring engine run ups above idles shall be relocated to an approved maintenance facility and comply with the noise abatement policy.

**4.11.3** Any aircraft operator found to be non-compliant with the requirements of Section 4.11.1 and 4.11.2 shall be required to cease activity or relocate to an approved maintenance facility.



#### **4.12 Aircraft Washing**

- 4.12.1** No aircraft shall be wet washed at any public parking position.
- 4.12.2** Dry washing and polishing of an aircraft at in a public parking space is allowed provided the ramp remains clean and free of debris.
- 4.12.3** All non-storm water discharge to the storm drains is forbidden. All wet washing shall be conducted in accordance with the best management practices (BMPs) of the Storm Water Pollution Prevention Plan. Contact the Environmental Services Division at (424) 646-6500 for further information.

**NOTE:** See **Section 14 - Environmental**. A list of BMPs is located in **Appendix 02 - Best Management Practices**.

#### **4.13 Passenger Enplaning and Deplaning**

- 4.13.1** All aircraft shall be loaded or unloaded and passengers enplaned or deplaned in designated areas, unless otherwise permitted by the General Manager or designee.
- 4.13.2** All passengers shall be directed through designated routes to and from the terminal buildings.
- 4.13.3** Airline or airport personnel shall be stationed to assist and to direct passengers during ground level enplaning and deplaning.
- 4.13.4** There shall be no enplaning or deplaning of passengers on the ramp when aircraft engines are operating.
- 4.13.5** No pedestrian traffic is allowed to cross any taxiway or terminal ramp between boarding areas.

#### **4.14 Helicopter Operations**

- 4.14.1** Helicopter aircraft shall operate under the direction of the FAA ATC Tower at all times while operating within regulatory airspace.
- 4.14.2** Helicopters shall have braking devices and/or rotor mooring tie-downs applied to the rotor blades.
- 4.14.3** Helicopters shall not be taxied, towed, or otherwise moved with rotors turning unless there is a clear area of at least 25 feet in all directions from the outer tips of the rotor blades.

**4.14.4** No helicopter shall be left running unless a certificated helicopter pilot or a certificated mechanic is at the controls.

**4.15 Charter and Itinerant Aircraft**

**4.15.1** All scheduled airlines shall advise the General Manager through LAX Airfield Permits Unit (424) 646-5880, at least 48-hours in advance of any charter aircraft operation other than their own.

**4.15.2** All non-permitted charter or itinerant air carrier and/or their ground handlers are required to notify the General Manager through LAX Airfield Permits Unit (424) 646-5880, as soon as possible in advance of any aircraft operation.

**4.15.3** Access to the AOA is subject to prior approval by the General Manager or designee.

**4.15.4** Charter Operations under escort shall ingress and egress only via authorized access posts or from their leaseholds.

**4.15.5** Charter and itinerant operators will be responsible to ensure that non-screened charter passengers are not allowed to intermingle with screened passengers.

**NOTE:** See **Section 15 - Airport Operating Permits and Landing Fees** Paragraph 15.2 Single Use Operating Certificate.

**4.16 Fees**

**4.16.1** The payment of rentals, fees, and charges relating to the use of Airport premises and facilities shall be made before takeoff.

**4.16.2** In lieu of such payments, the pilot or owner of the aircraft shall make satisfactory credit arrangements with the General Manager through LAX Airfield Permits Unit (424) 646-5880.

**4.17 Compliance**

**4.17.1** The General Manager shall have authority to deny the use of the Airport to any aircraft or pilot violating LAWA or FAA Regulations regardless of where the infraction occurred.