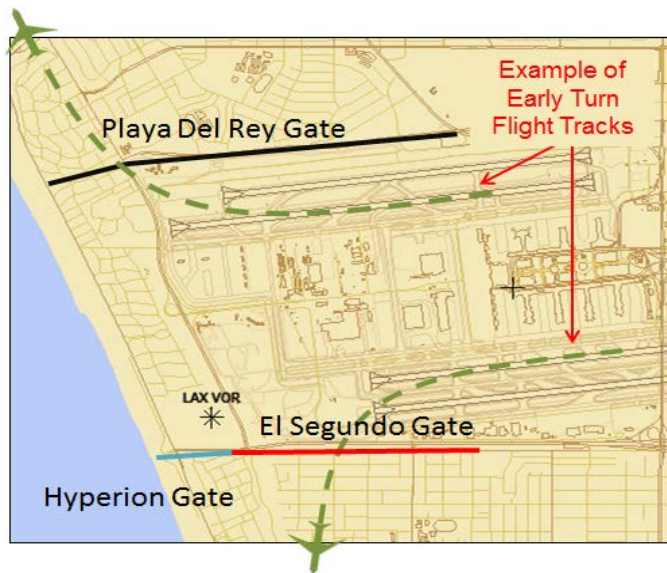


The Early Turn Notification Program is an operator outreach and education component of LAWA's noise abatement policy. This policy was established to minimize aircraft noise to the residential communities north and south of LAX. Aircraft departing to the west are to fly straight out until past the shoreline before beginning any turns, unless specifically instructed otherwise by the Federal Aviation Administration (FAA) Air Traffic Control (ATC).

Airport staff regularly monitor all westerly departures by fixed wing aircraft to identify early turns using established "community gates" in our Airport Noise and Operations Management System (ANOMS). When aircraft pass through these computer-based gates, indicating a deviation from the noise abatement policy, staff will notify the operator and FAA. North early turns are identified using the Playa del Rey Gate. South early turns are identified using two gates: Hyperion and El Segundo as shown below. This report provides an annual summary of confirmed early turns.

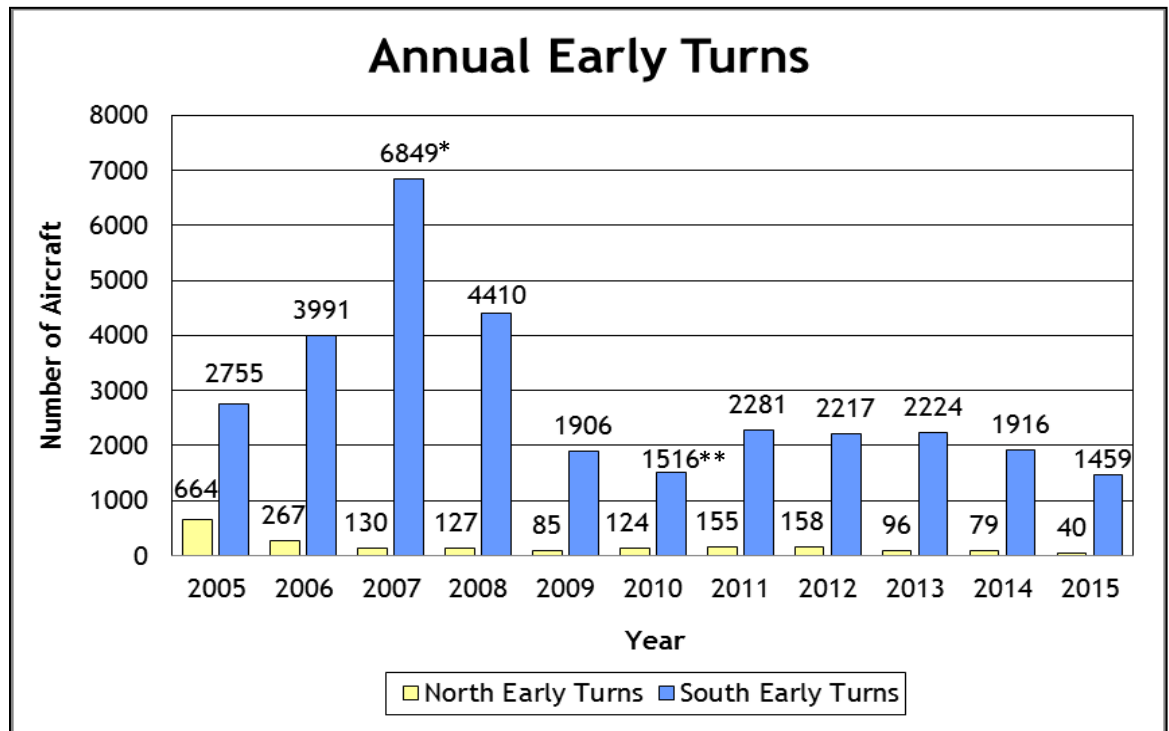


Number of Early Turns:

1499

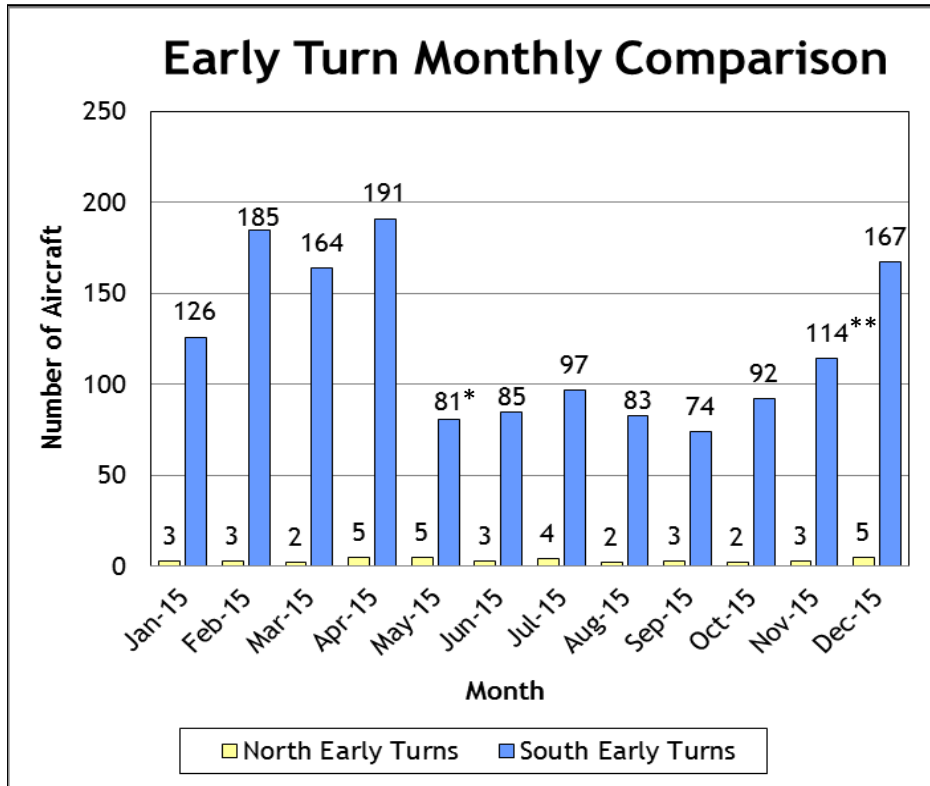
Percent of LAX Departures Resulting in Early Turns:

0.47%



*The increased number of early turns in 2006 thru 2008 was due to runway 25L relocation and the center taxiway construction.

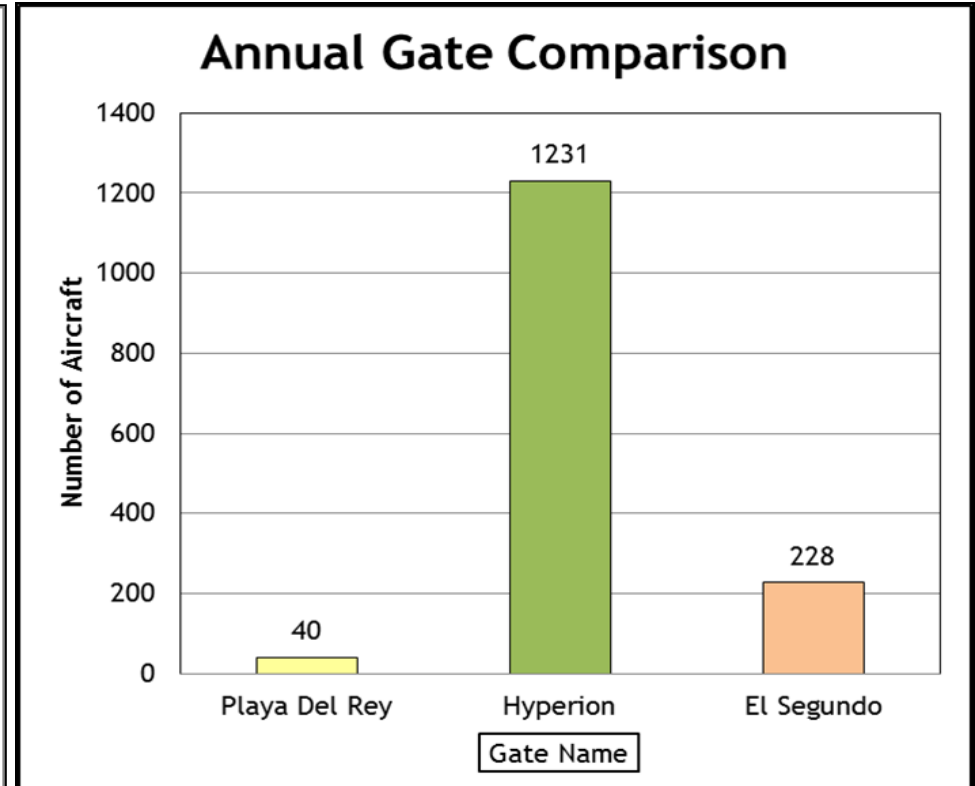
**The low in 2009 thru 2010 was attributed to the decline in LAX operations due to the economic recession.



The graph above depicts the number of early turns to the north (Playa del Rey) and south (El Segundo and Hyperion) for each month.

*The reduction in early turn counts as of May 2015 is attributed to the SkyWest Airlines change in fleet mix from turboprop to regional jet aircraft. Turboprop aircraft have historically accounted for a large number of early turns due to their operational characteristics and limitations.

**The increase in counts in the last quarter was attributed to weather events.

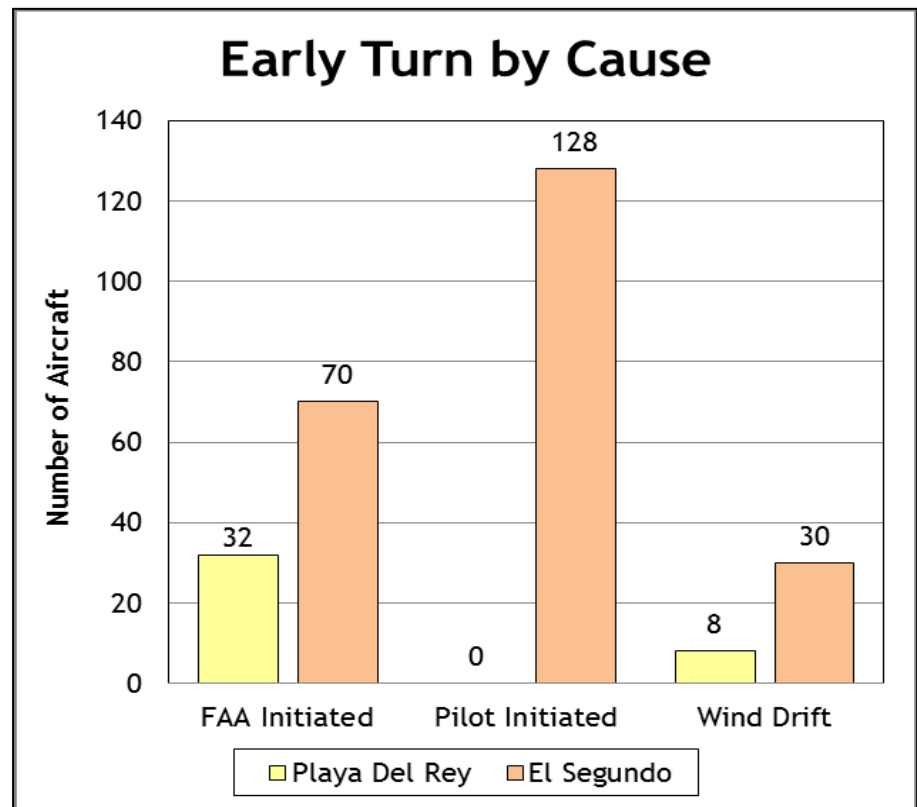
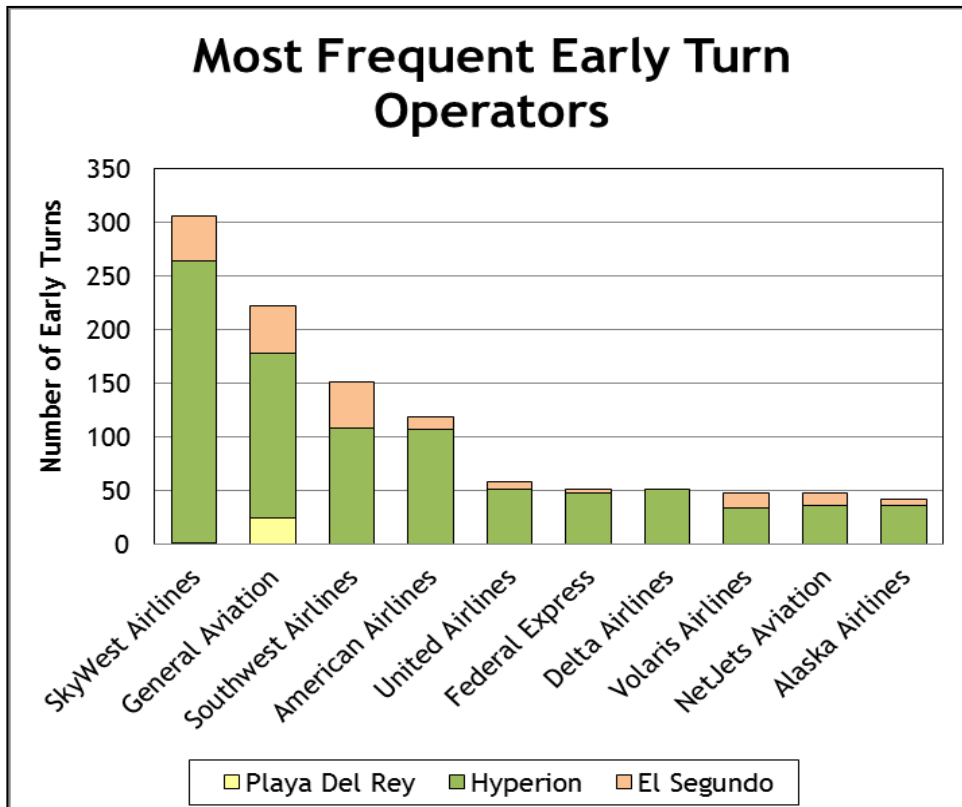


The graph above depicts the total yearly count for each early turn gate that is monitored: Playa Del Rey, Hyperion, and El Segundo.

Gate Name	Counts	% of Early Turns	% of Westerly Departures
Playa Del Rey	40	3%	0.01%
Hyperion	1231	82%	0.39%
El Segundo	228	15%	0.07%
TOTAL	1499	100%	0.47%

The graph below depicts the Most Frequent Operators that commit early turns and counts for each gate that is monitored.

The graph below shows the cause of early turns based on LAWA investigation of FAA ATC recordings during departure and is broken down into 3 categories: FAA Initiated, Pilot Initiated, and Wind Drift.



Gate Name	FAA Initiated	Pilot Initiated	Wind Drift
Playa Del Rey	32	0	8
El Segundo	70	128	30

Note: Hyperion early turns are not investigated since the location is industrial and not a noise-sensitive residential community. Therefore, the cause of early turns overflying Hyperion is not determined and not shown in this graph.