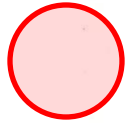
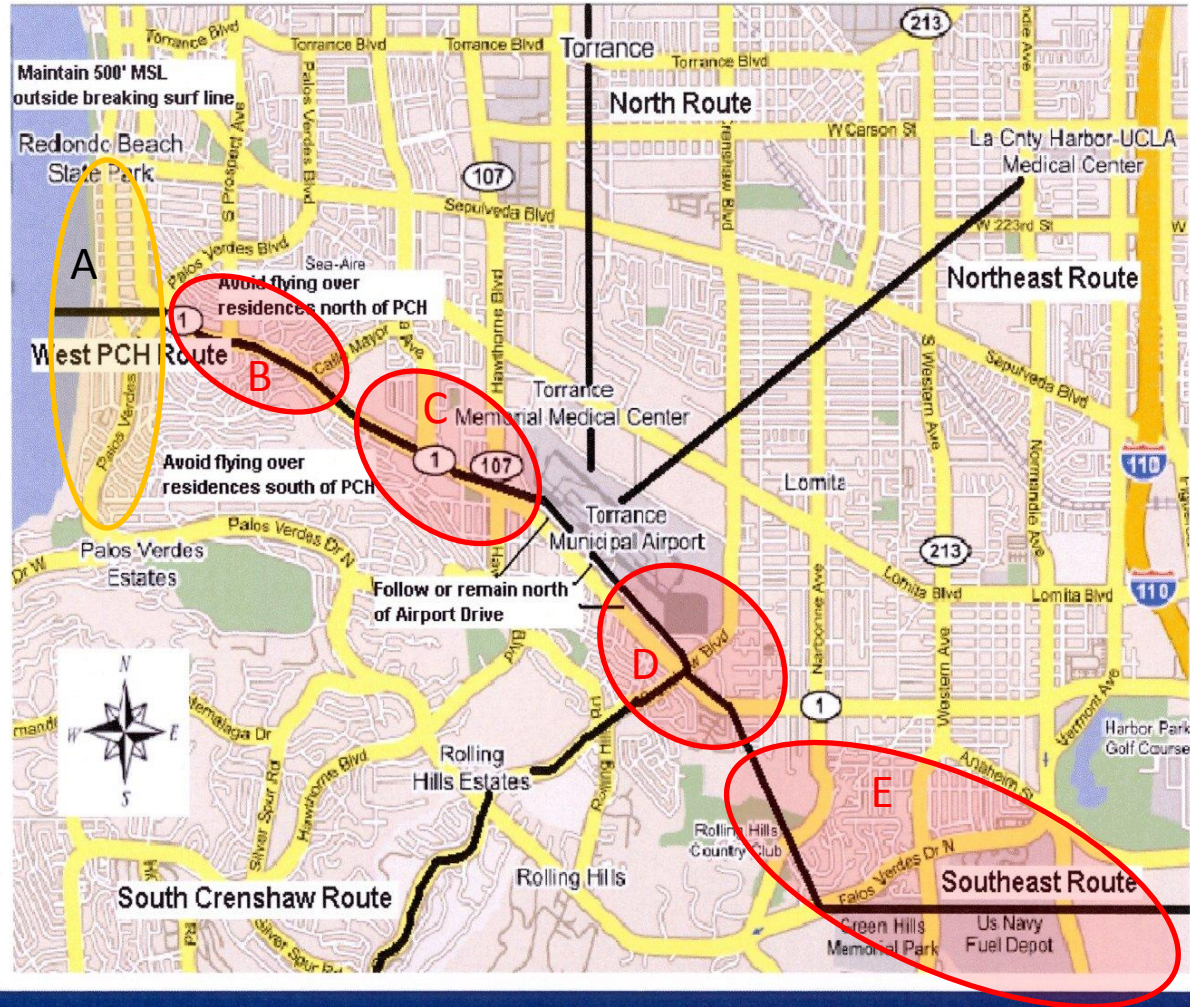


# TOA TRAFFIC CONFLICTS



## CONFLICT AREAS

- A: Helicopters 900 MSL  
Fixed Wing 1100+ MSL
- B: Helicopters 900 MSL  
Fixed Wing 800-1500 MSL
- C: Helicopters 200-900 MSL  
Fixed Wing 500-1100 MSL
- D: Helicopters 200-900 MSL  
Fixed Wing 500-1000 MSL
- E: Helicopters 1000+ MSL  
Fixed Wing 1000-2000 MSL



October 20, 2009

Torrance Municipal Airport and Air Traffic Procedures



Federal Aviation Administration

**Conflict Area B:** We often have on-shore low clouds that force aircraft departing runway 29L or 29R to turn south in order to maintain legally required cloud clearance. They will cross the path of arriving or departing helicopters at the same altitude. When runways 11L and 11R are in use, fixed-wing aircraft approaching from King Harbor or Torrance Beach would again have to cross through the proposed helicopter routes at the same altitudes.

**Conflict Area C:** Fixed wing aircraft using the south traffic pattern (1,100 feet) for Runway 11R typically fly their base leg between South High and Hawthorne Blvd—just the area where the proposed procedures require helicopters to drop from above 900 feet to 600 feet or to 900 feet. Aircraft using runway 29L and entering the south traffic pattern will be flying their crosswind leg in this same area.

**Conflict Area D:** Fixed-wing aircraft arriving from the north during busy times are often told to overfly the airport and use the south traffic pattern for 29L. Arriving fixed-wing aircraft reporting over Torrance Beach are directed to use the south traffic pattern for 29L. These aircraft would be turning their base leg between Crenshaw Blvd and the gravel pit—again traversing the proposed helicopter routes where the helicopters are climbing or descending.

**Conflict Area E:** Fixed-wing aircraft landing on 29L and reporting over San Pedro are often told to fly directly to the runway to avoid aircraft (including jets) landing on 29R. They would have to pass through the proposed helicopter traffic at the same altitude, risking collision with the slower moving and difficult-to-see helicopters.