Federal Aviation Administration

KWYET Departure Procedure

Briefing:

August 7, 2002

Federal Aviation Administration
Western Pacific Region
National Airspace Redesign

Los Angeles Departure Climb Project

Project Objectives

- Increase initial departure climb altitudes at LAX.
- Optimize airspace utilizing better radar coverage.
- Design procedures to benefit newer generation aircraft (RNAV/GPS).
- Address surrounding community needs.

Benefits

- Optimal climb profiles enable fully automatic LNAV and VNAV navigation.
  - Reach cruise altitude faster.
  - Increased fuel efficiency.
  - Decreased aircraft maintenance costs.
  - Decreased pilot workload.
- Consistent flight paths.
  - Reduced noise footprint.
  - Reduced traffic conflicts.
- Decreased controller workload.
- Increased safety.

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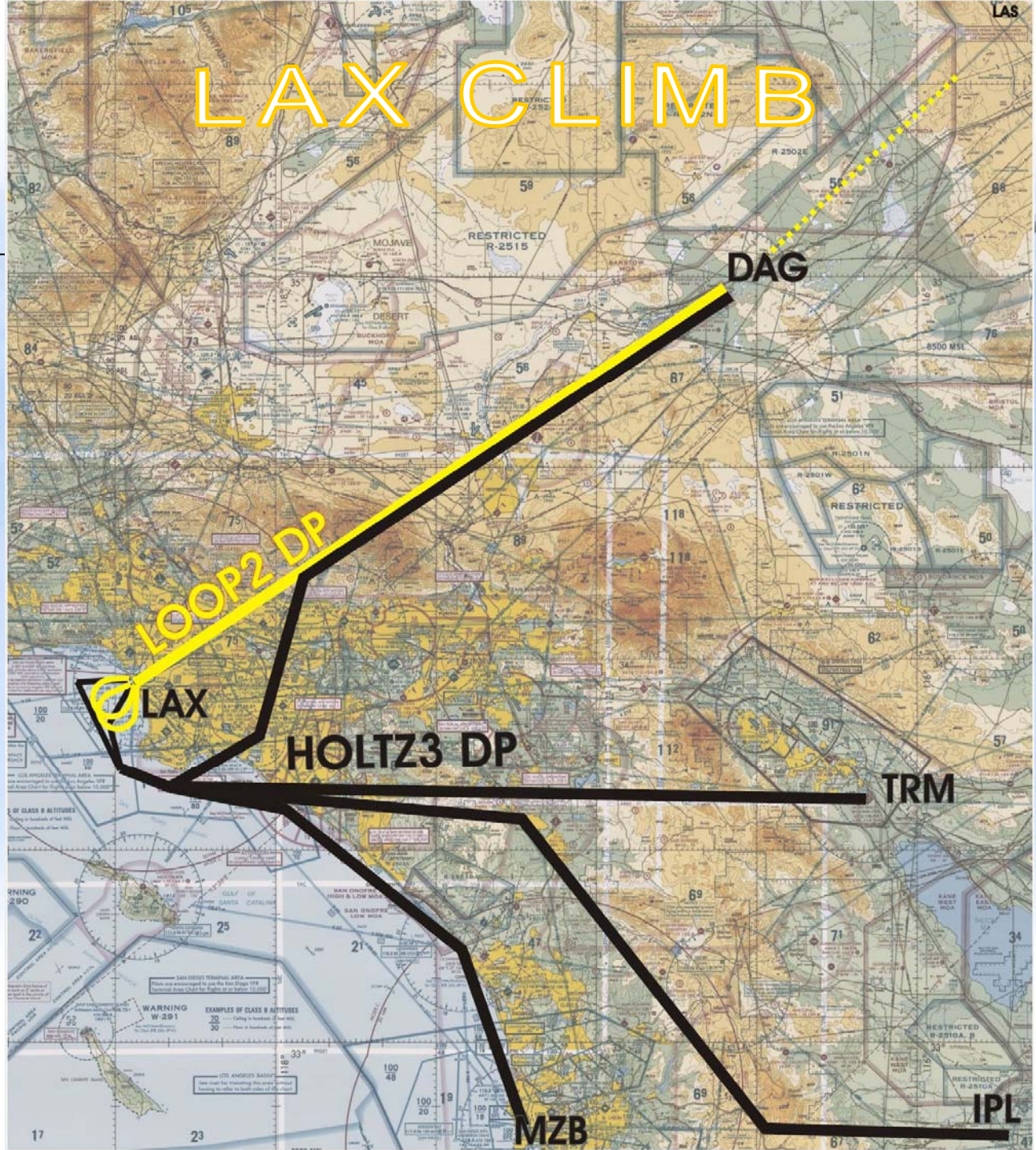

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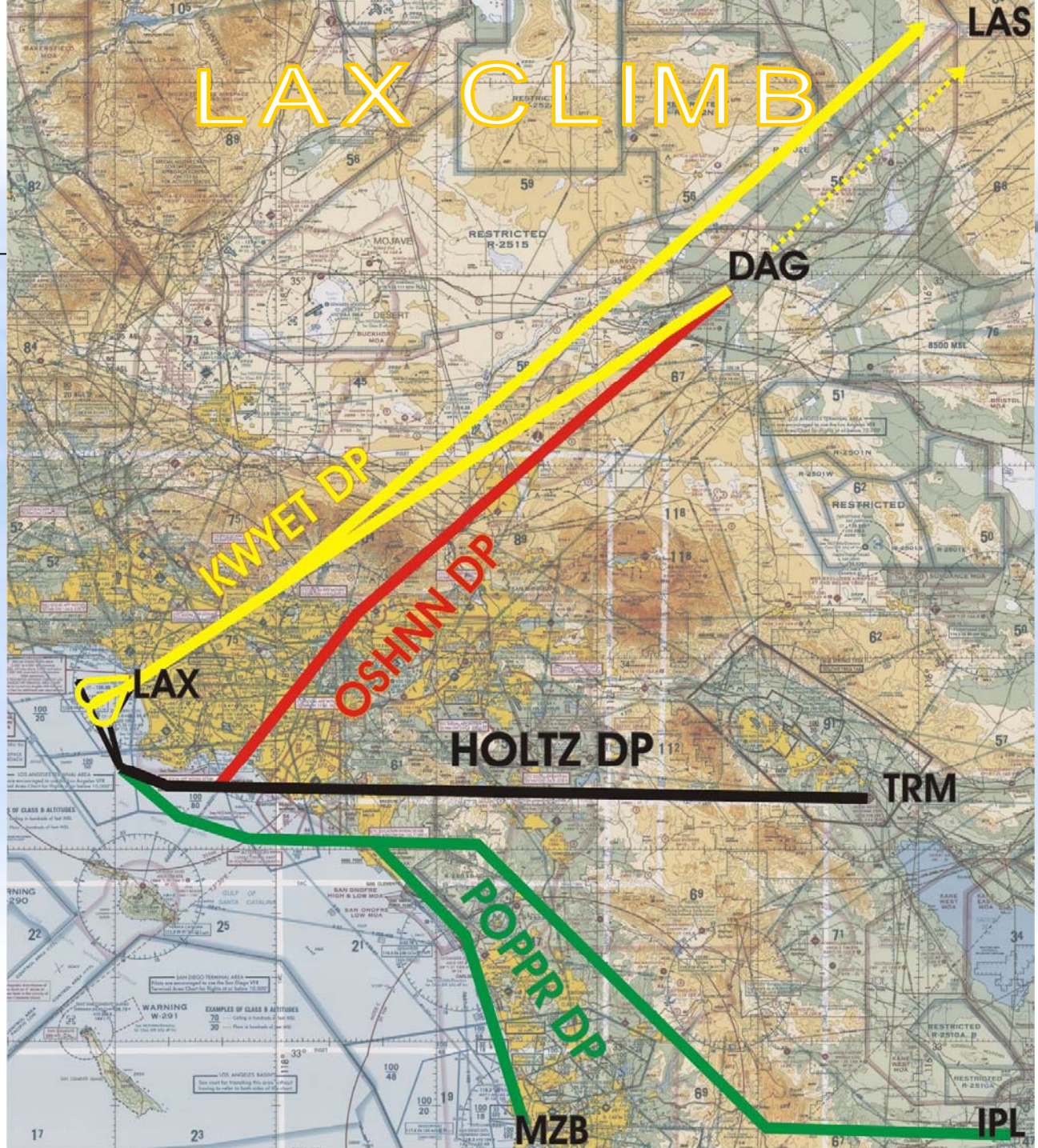

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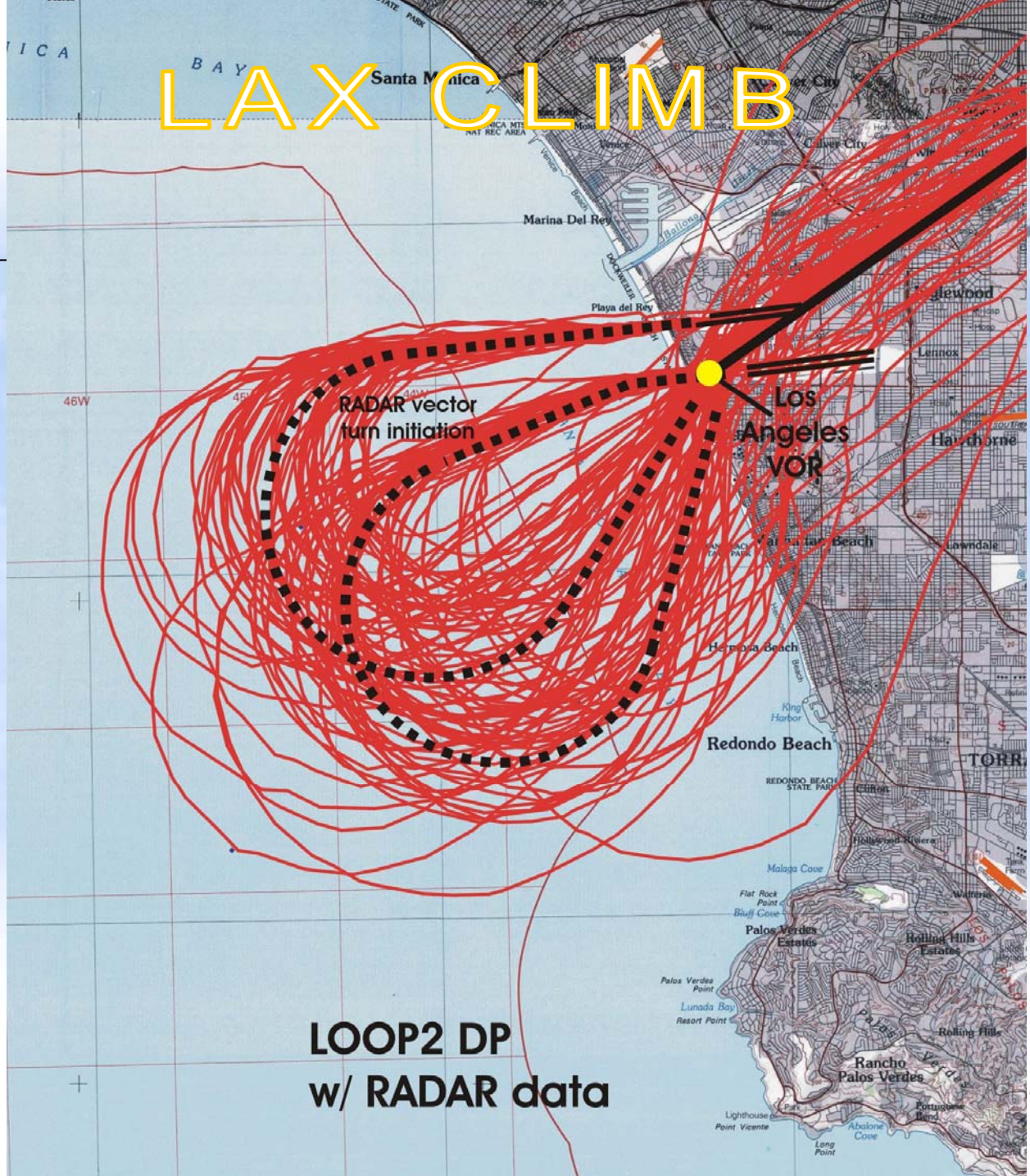
LAX CLIMB



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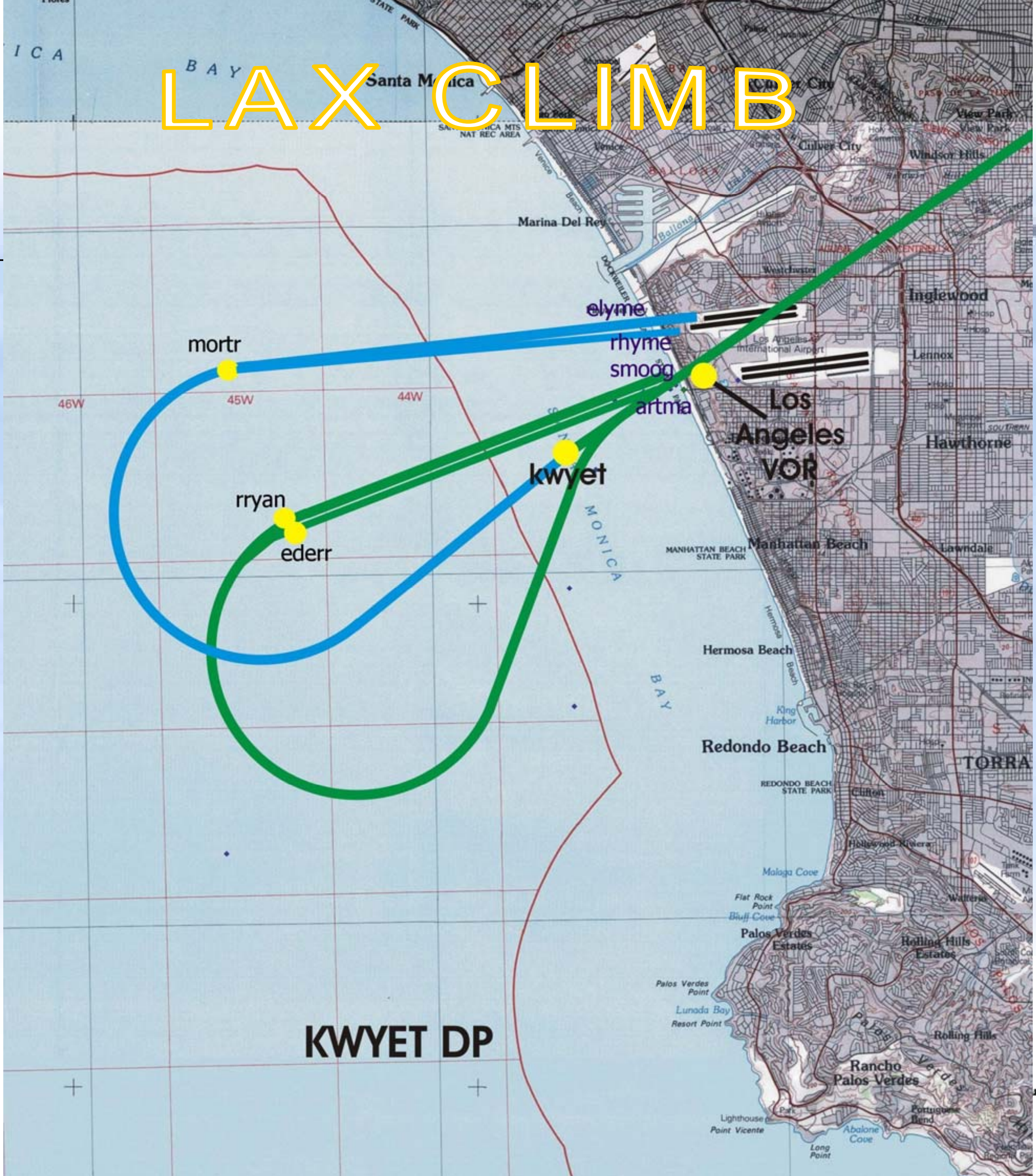
LAX CLIMB



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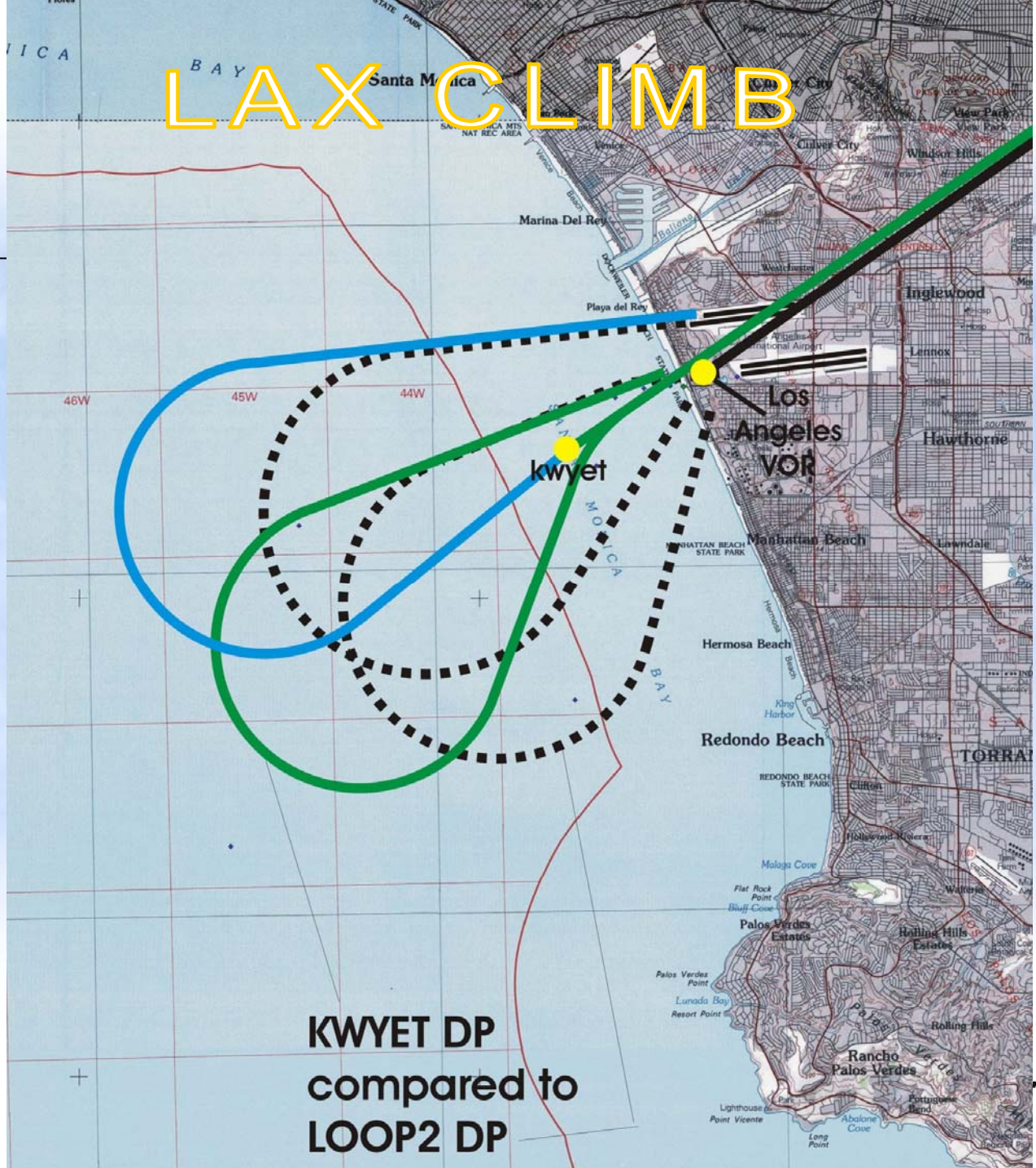

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Project Status

- Preliminary Design - complete
- Simulation testing - complete
  - UAL DEN 5/7-5/8/2002.
- Paperwork submission - complete (currently in AVN-140 – OKC)
- SFAR-51 modification - ARAC “B” list (Aviation Rulemaking Advisory Committee)
- Create DR-3 position - initiated
- Controller training - pending
- Publication - targeted for 1st quarter CY2003
- Implementation - requires SFAR-51 modification

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