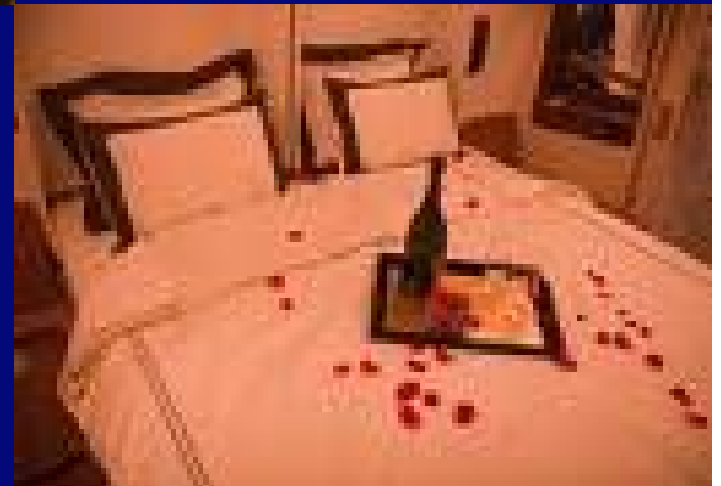


# North Airfield Safety Study



Outline of the Forthcoming  
Report by the Academic Panel



Our report will of course be preceded by an **executive summary**. What follows is a chapter outline of the full report.

# *I. Introduction and Overview*

## *II. The Charge to the Panel*

- Safety First
- Capacity Considerations
- The Nine Questions
- What the Panel did *not* consider

### ***III. Alternate Configurations for the North Airfield*** (descriptive)

- Baseline** (with and without Group VI traffic restricted to South Airfield)
- Baseline with IRSIP Changes** to Taxiways
  - 24R moved **100' North**, with centerline taxiway
  - 24R moved **340' North**, with centerline taxiway
  - 24L moved **340' South**, with centerline taxiway
- Single runway** 24 on North Airfield

## ***IV. The Experiments at NASA-Ames*** (descriptive)

### ***v. Other Evidence Considered by the Panel***

Prior Collision-Risk Research

- FAA** Risk Assessments for ASDE-X and RWSL
- Historical Data on First-World Runway Incursions and Collisions
- Historical Data about **LAX** Runway Events, North and South
- First-World **Excursion** Risk History
- Previous Studies of North Airfield Runway Safety
- Ricondo Analyses of **IRSIP**
- Data about **Easterly Arrivals at LAX**

**VI. Collision-Risk Assessment: the Baseline Case**

**VII. Collision-Risk Assessment: Baseline with IRSIP**

**VIII. Collision-Risk Assessment: 100' North**

**IX. Collision-Risk Assessment: 340' North**

**X. Collision-Risk Assessment: 340' South**

**XI. Collision-Risk Assessment: Three-Runway  
Airfield**

**XII. Comparative Summary of Risk  
Assessments**

*XIII. Capacity Assessments for the  
Various Cases (a long section)*

*XIV. Caveats*

***XV. Answers to the Nine Questions***

***XVI. Some General Suggestions about  
the North Airfield***

***XVII. Summary and Conclusions***

**References**

**Appendix**