Right Turns over the City of Alameda

Oakland Airport-Community
Noise Management Forum

January 18, 2006

OAKLAND AIRPORT-COMMUNITY NOISE MANAGEMENT FORUM

MEETING NOTICE

DATE: WEDNESDAY, JULY 18, 2001

TIME: 6:30-8:30 P.M.

PLACE: BOARD ROOM
2ND FLOOR
PORT OF OAKLAND
530 WATER STREET
OAKLAND, CA

AGENDA

1. INTRODUCTIONS AND ANNOUNCEMENTS– MIKE MCCLINTOCK, FACILITATOR
   - A. APPROVAL OF MINUTES (4/18/2001)
   - B. RESPONSE FROM FAA TO FORUM REQUEST FOR CHANGE IN PROCEDURE
   - C. RFI: AIRSHIPS AND BANNER TOWING
2. PUBLIC COMMENT
3. PRESENTATION: CURFEWS—VINCE MESTRE
4. UPDATE: RUNWAY RECONFIGURATION STUDY—PORT STAFF
5. UPDATE: RUNWAY 11-29 OVERLAY PROJECT—STAN KOPACZ
6. UPDATE: RAPC REGIONAL AIRPORT ROUNDTABLE—BILL WARD
7. REVISED FORUM WORK PLAN, POLICIES AND PROCEDURES—FACILITATOR
8. NEW BUSINESS AND MEMBER COMMENTS
9. NEXT MEETING DATE (OCTOBER 17, 2001?)
10. ADJOURNMENT

FOR INFORMATION CONTACT MIKE MCCLINTOCK, FORUM FACILITATOR AT (650) 341-7331 (NOTE THAT MR. MCCLINTOCK WILL BE UNAVAILABLE BETWEEN JUNE 15 AND JULY 13, 2001).

PORT OF OAKLAND

CHARLES W. FOST
Executive Director

May 16, 2001

Mr. Andrew M. Richards
Air Traffic Manager
Bay Terminal Radar Approach Control
1029 Grumman Street
Oakland, CA 94621

RE: Request for Change in ATC Procedure

Dear Mr. Richards:

As you are aware, the Port of Oakland sponsors the Oakland Airport-Community Noise Management Forum, and the Forum acts as an advisory body to me. At its April 18, 2001 meeting, the Forum received a presentation from the residents of Ballena Bay in the City of Alameda. The residents of Ballena Bay expressed concerns over the "increasing frequency of right turns over the West End of Alameda, particularly Ballena Bay, from Runway 29 departures." The residents asked for the Forum's assistance in obtaining a change in air traffic control procedures that would have the departing aircraft turn right farther west than is currently the case.

After discussing the issues raised and asking questions of the representatives from Ballena Bay, the Forum voted unanimously to request that the Port of Oakland prepare a letter to the FAA asking you to review this issue and consider alternate operational actions that would help alleviate the concerns of the Ballena Bay community. Specifically, the Forum would like the FAA to consider the following two alternatives as a minimum:

1. Raise the minimum turning altitude from 3,000 feet to 4,000-5,000 feet.
2. Base the turns on a single, prescribed geographic point (e.g., no turns until past Alameda Island, or no turns before reaching the Bay Bridge).

The next Forum meeting is scheduled for July 18, 2001, and it would be helpful if someone from the FAA could be present to discuss these alternatives, or any other possible solutions to the Ballena Bay issue. Please contact Mike McClintock, Forum Facilitator, if you have any questions or require additional information. Mike's phone number is (650) 341-7331.

Thank you for your consideration.

Sincerely,

Charles W. Foster
Executive Director

cc: Steve Grossman
Carole Wedl
Stan Kopacz
Harvey Hartmann

530 Water Street ■ Jack London Square ■ P.O. Box 2064 ■ Oakland, California 94604–2064
Telephone: (510) 627-1100 ■ Facsimile: (510) 627-1826 ■ Web Page: *www.portofoakland.com*

Forum's Proposal

- To Raise the minimum turning altitude from 3,000 feet to 4,000-5,000 feet.
- To Base the turns on a single prescribed geographic point (e.g., no turns until past Alameda Island, or no turns before reaching the Bay Bridge.

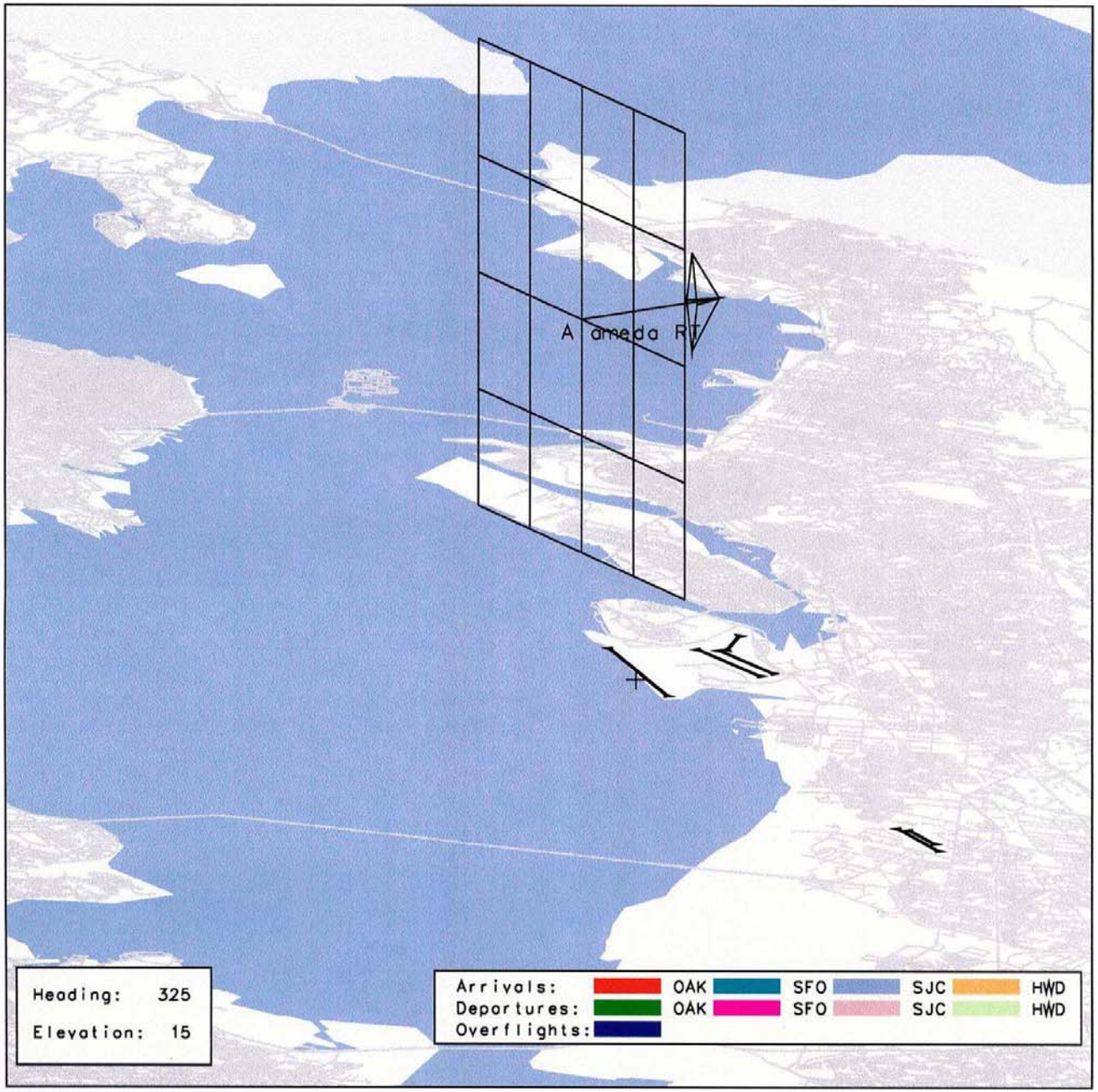
FAA Response

- Alameda NAS closure has no impact on this procedure.
- In practice, delay departure turns until leaving 3,000 feet.
- Operational needs sometimes require earlier turns.
- Any delays in turning OAK departures...would impact SFO departures, safety, and aircraft separation.

FAA Response

- The probable shift in noise would require significant environmental reviews.
- In conclusion, the FAA was unable to grant proposed change in procedure.
- Can technology help?

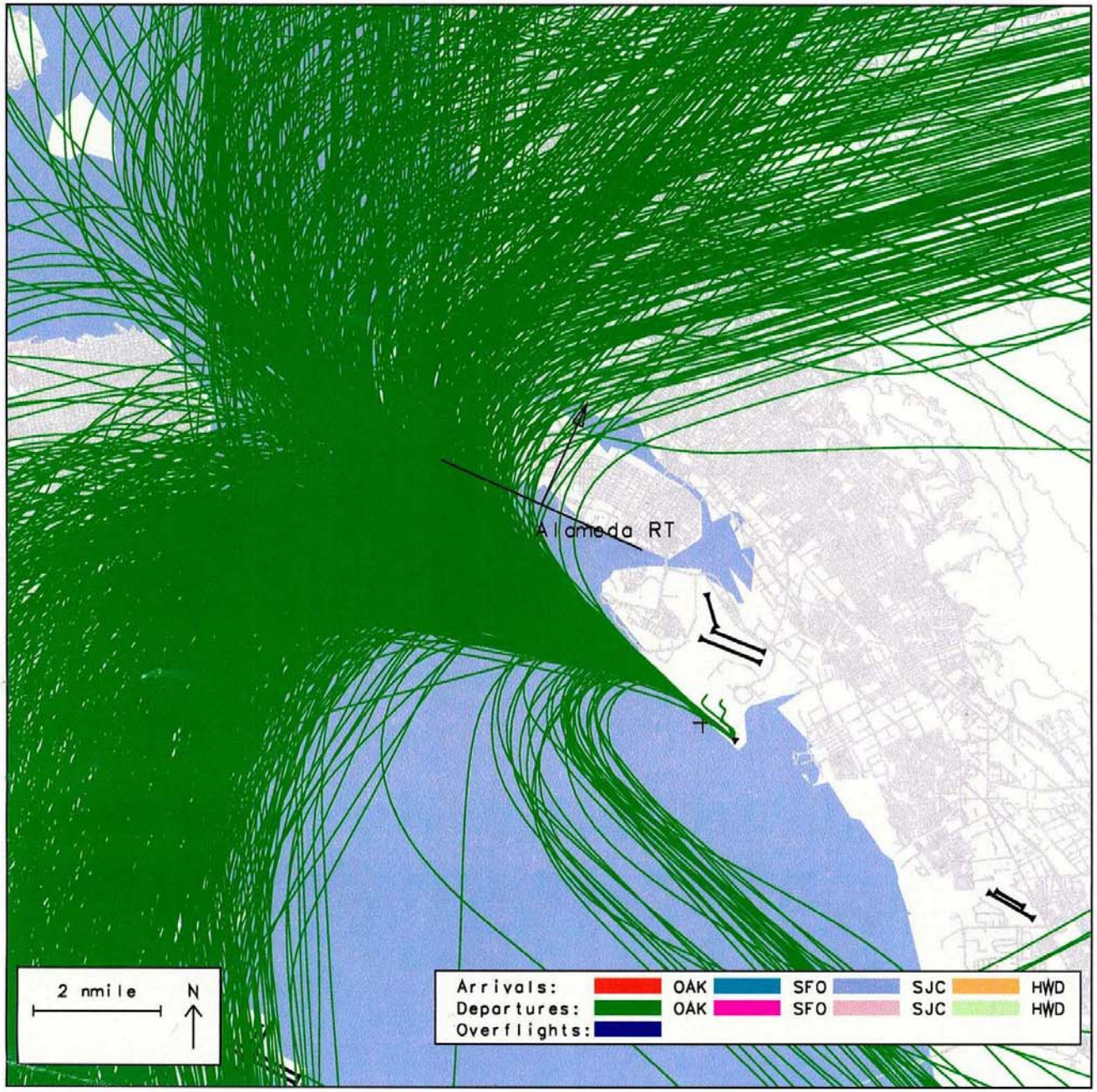
Wed Jan 18 10:19:10 2006 3D-View Position: 37.762968 -122.284872 Scale: 18981 Heading: 325 Elevation: 15



OAKLAND
INTERNATIONAL
AIRPORT

Alameda RT Gate

Wed Sep 14 11:52:09 2005 2D-View Position: 37.752784 -122.274864 Scale: 31561

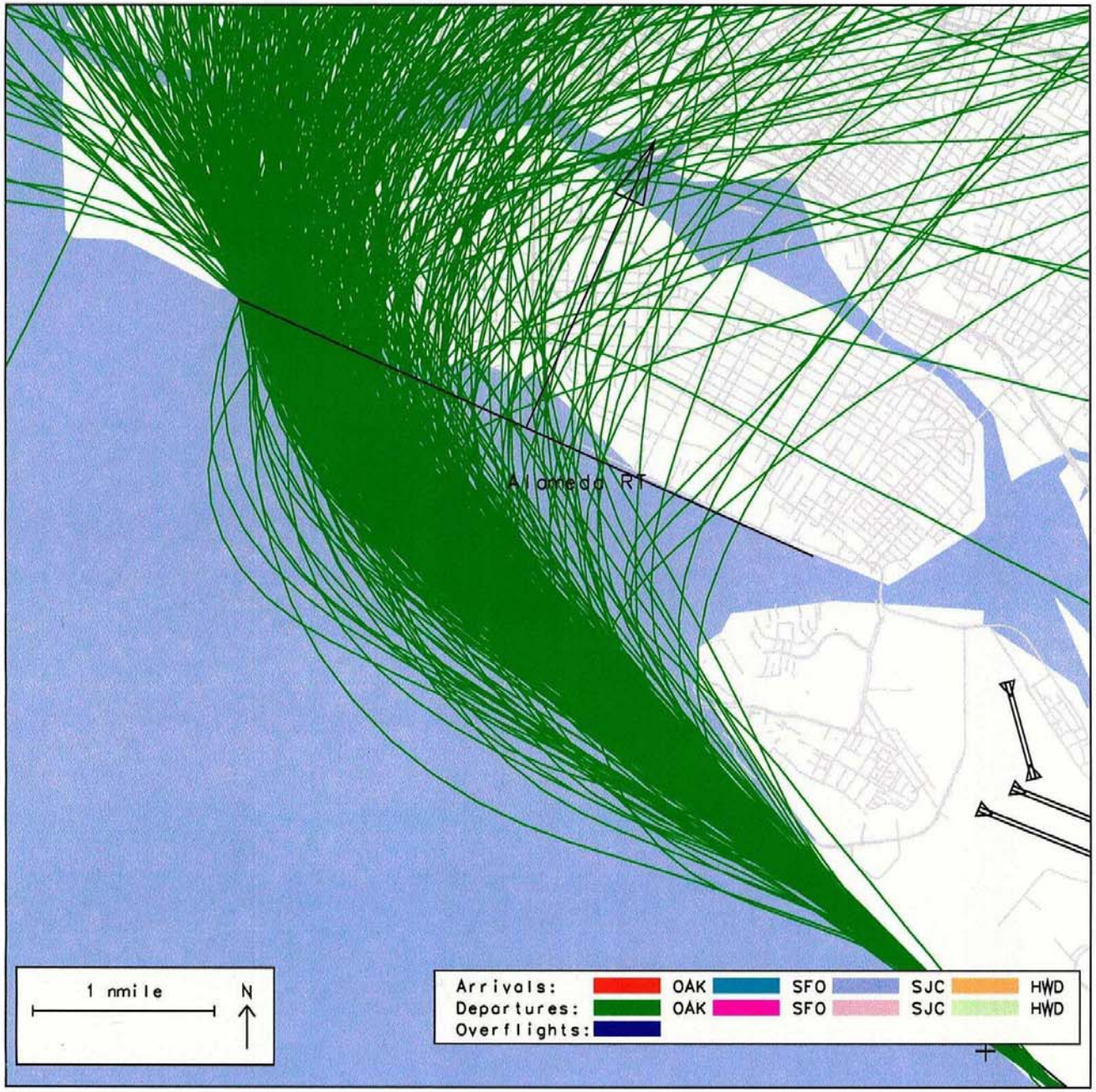


OAKLAND INTERNATIONAL AIRPORT

May 1-7, '05

Runway 29 jet departure general heading breakdown.

Wed Sep 14 12:46:01 2005 2D-View Position: 37.752784 -122.274864 Scale: 11066



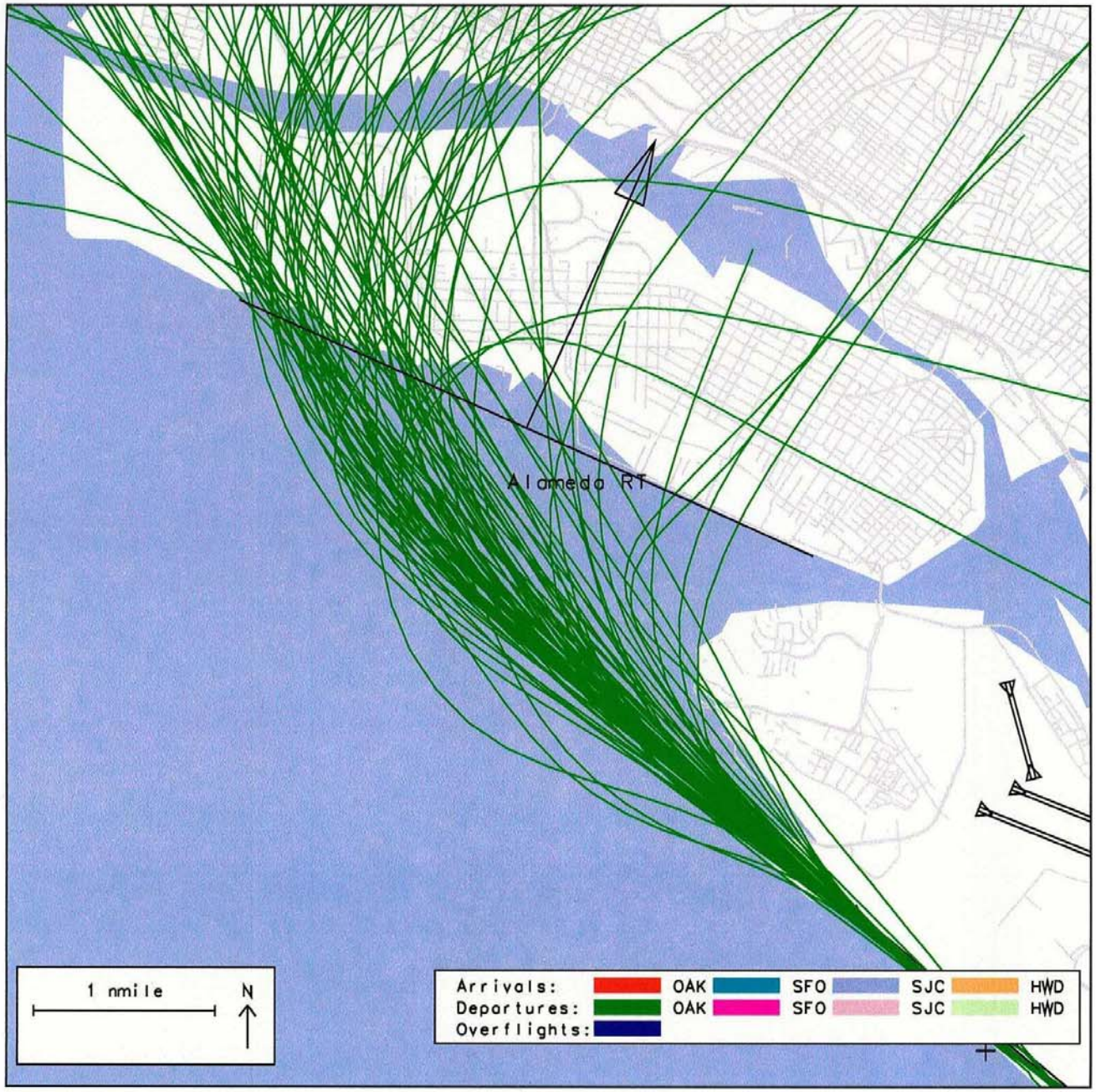
OAKLAND INTERNATIONAL AIRPORT

May '01

508 jet departures flew over Alameda.

6,297 total jet departures from Runway 29.

Wed Sep 14 12:48:38 2005 2D-View Position: 37.752784 -122.274864 Scale: 11066

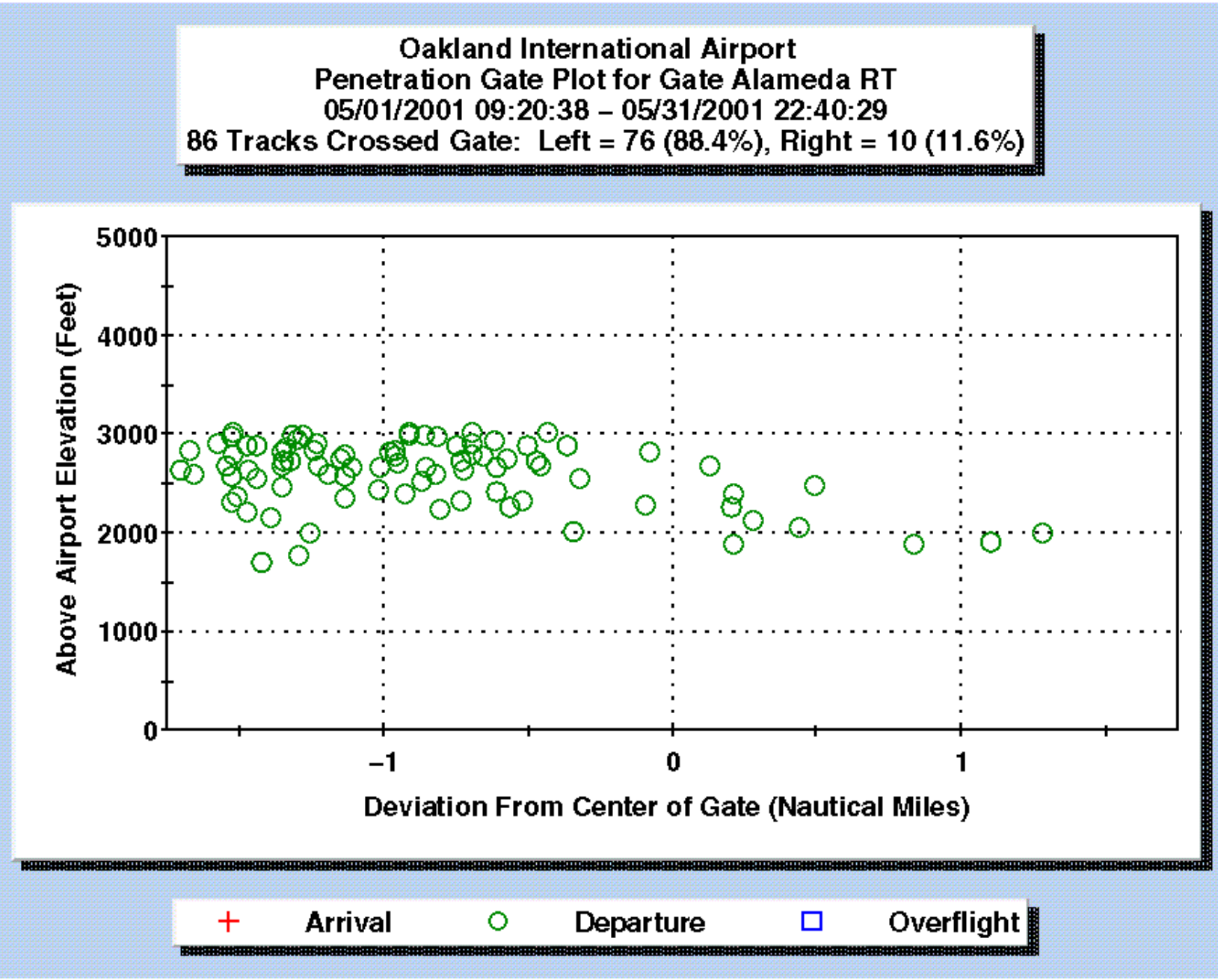


OAKLAND
INTERNATIONAL
AIRPORT

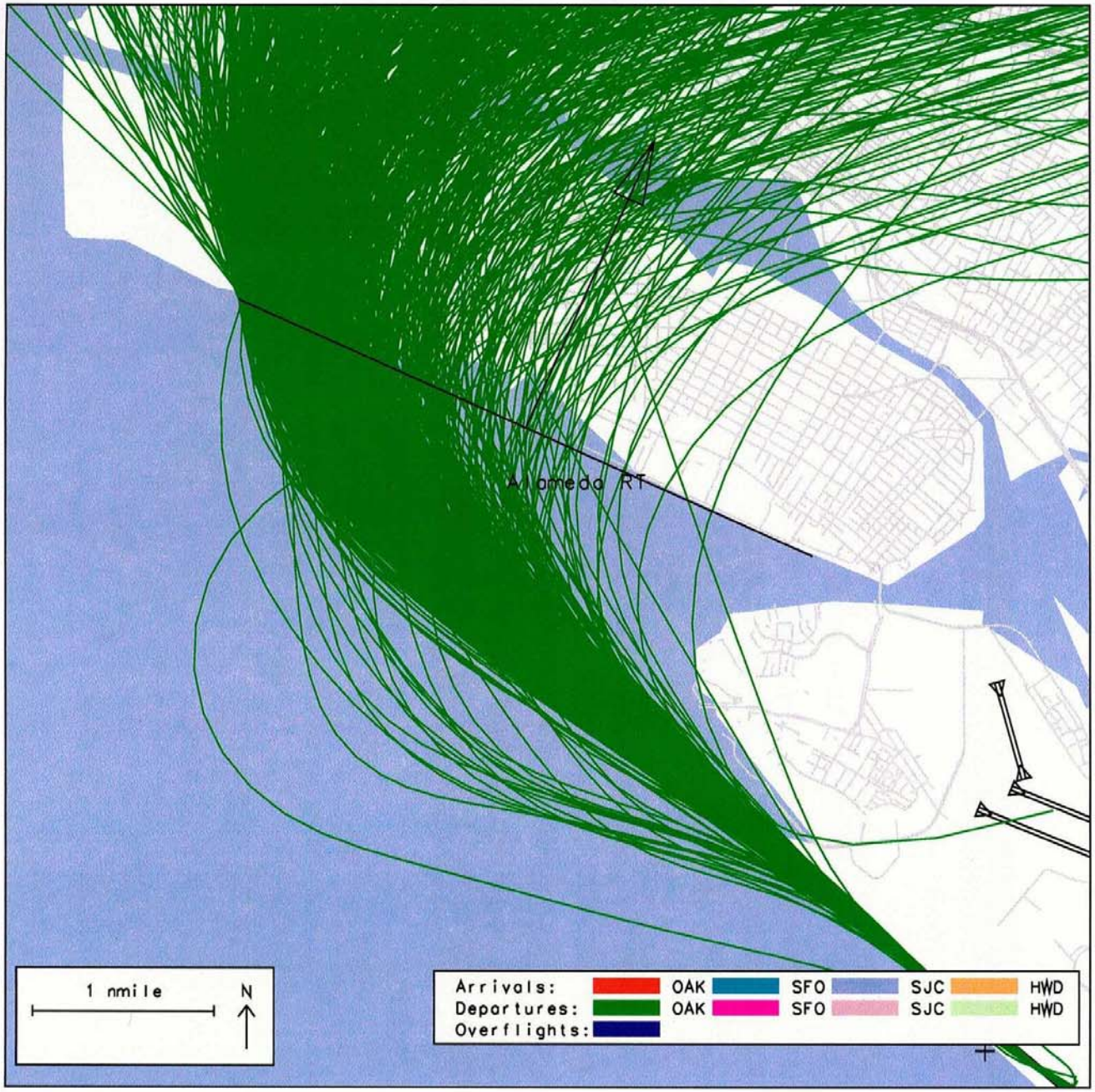
May '01

86 jet departures flew over Alameda at or below 3,000 feet.

6,297 total jet departures from Runway 29.


Oakland International Airport
Penetration Gate Plot for Gate Alameda RT
05/01/2001 09:20:38 – 05/31/2001 22:40:29
86 Tracks Crossed Gate: Left = 76 (88.4%), Right = 10 (11.6%)
Above Airport Elevation (Feet)
5000
4000
3000
2000
1000
0
–1
0
1
Deviation From Center of Gate (Nautical Miles)
Arrival
Departure
Overflight

Wed Sep 14 11:36:43 2005 2D-View Position: 37.752784 -122.274864 Scale: 11066



OAKLAND INTERNATIONAL AIRPORT

May '05

760 jet departures flew over Alameda.

7,337 total jet departures from Runway 29.

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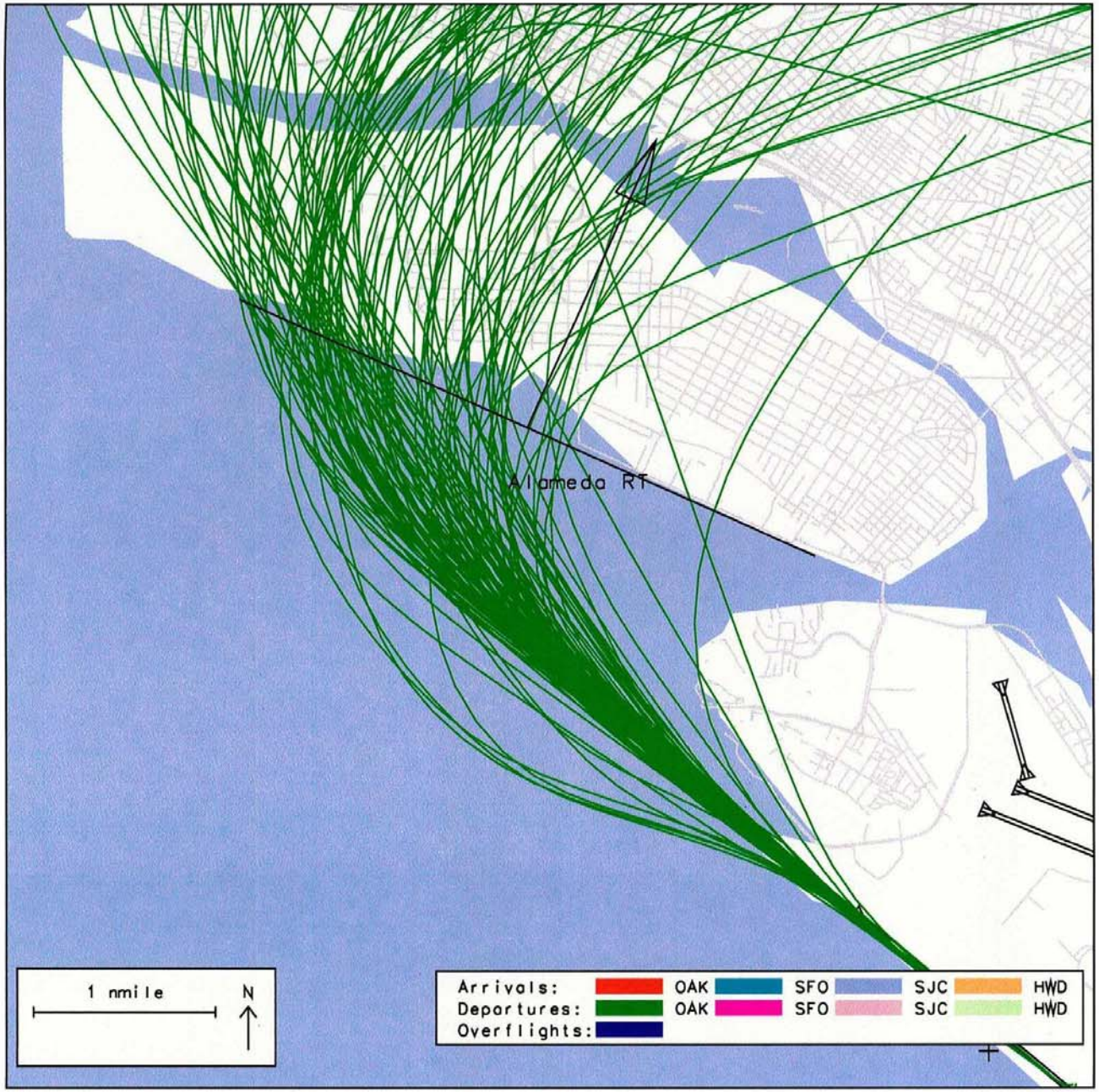


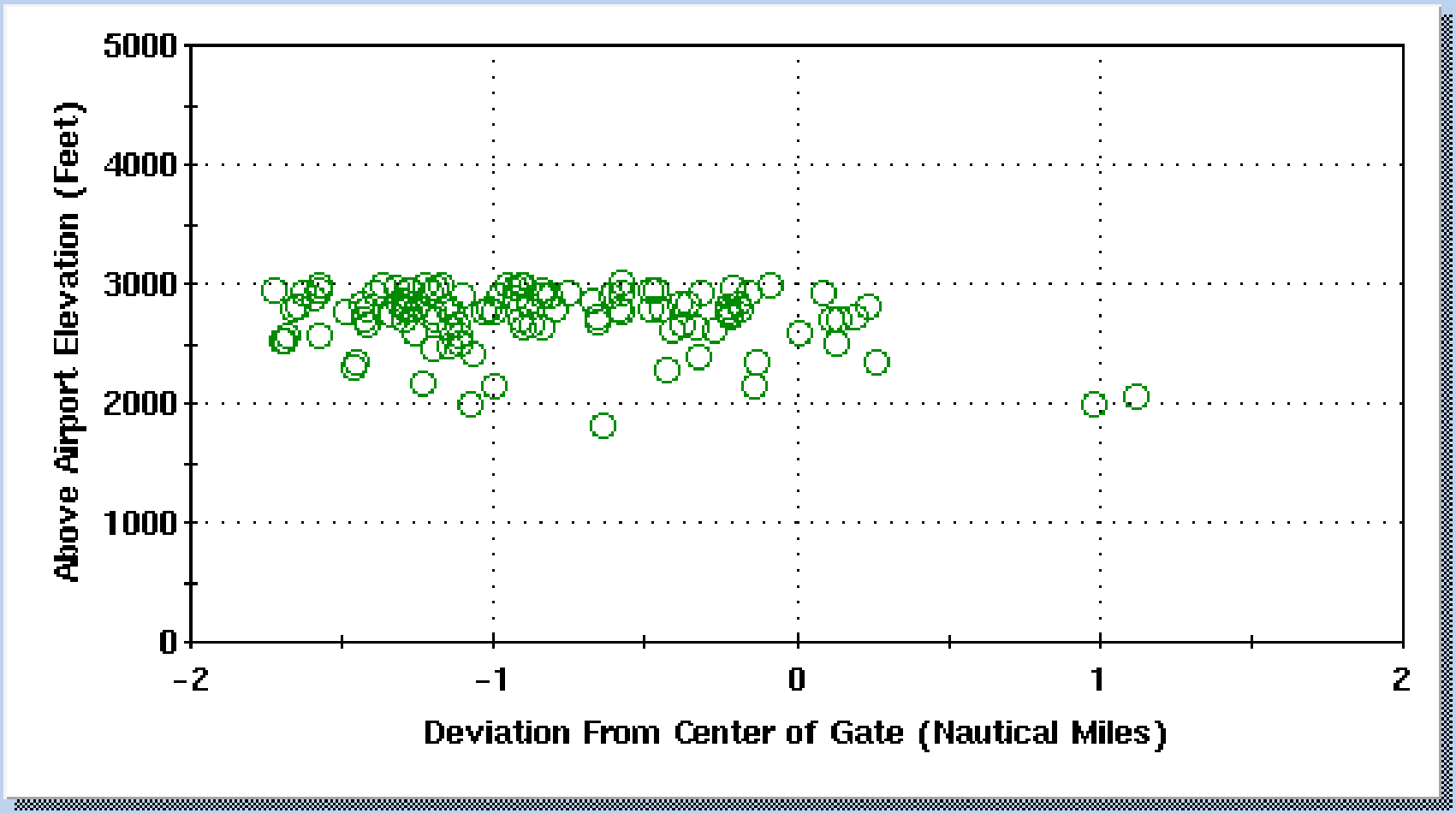
OAKLAND INTERNATIONAL AIRPORT

May '05

114 jet departures flew over Alameda at or below 3,000 feet.

7,337 total jet departures from Runway 29.

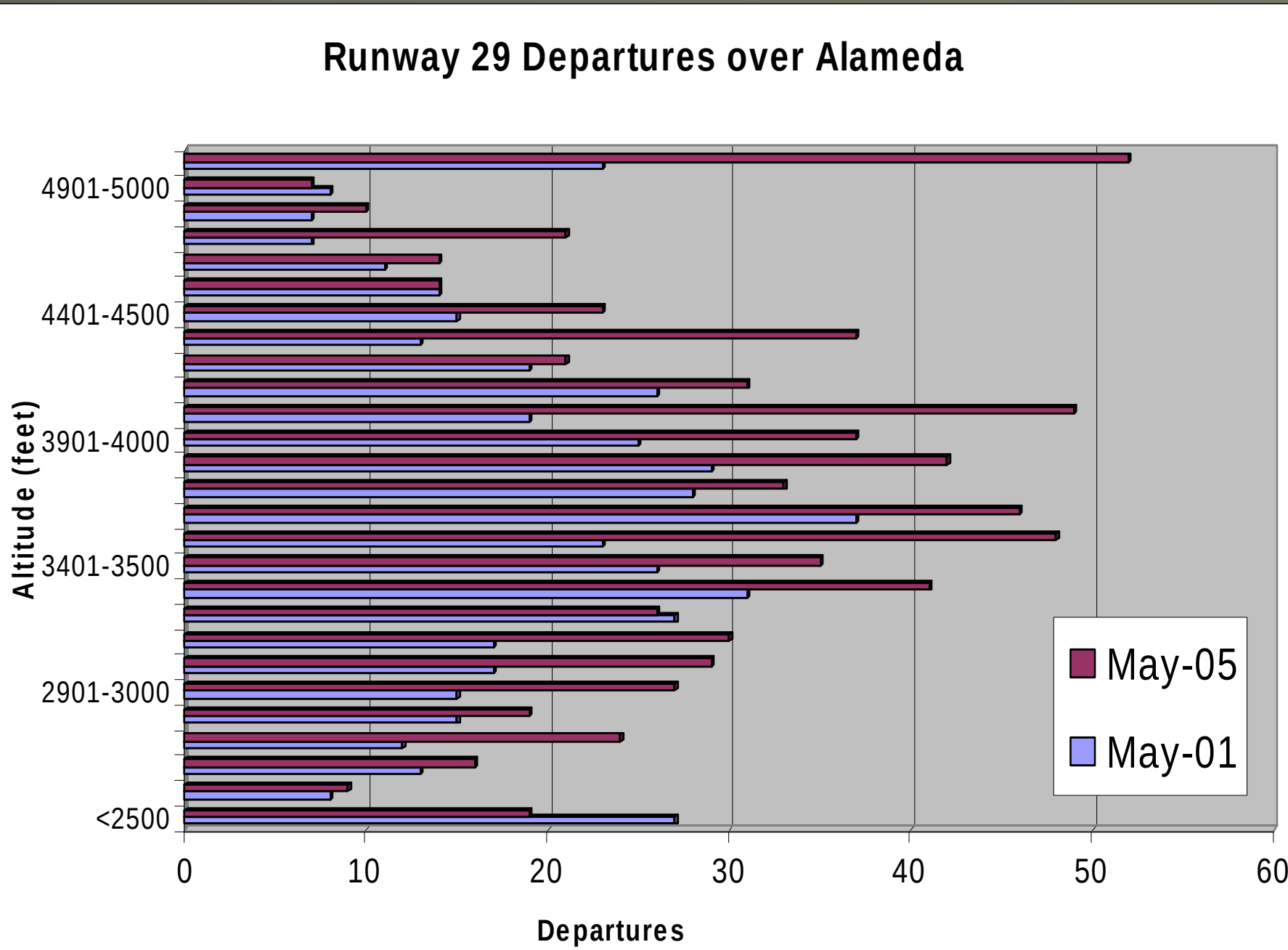
Oakland International Airport
Penetration Gate Plot for Gate Alameda RT
05/01/2005 11:38:53 - 05/31/2005 09:34:40
114 Tracks Crossed Gate: Left = 104 (91.2%), Right = 10 (8.8%)



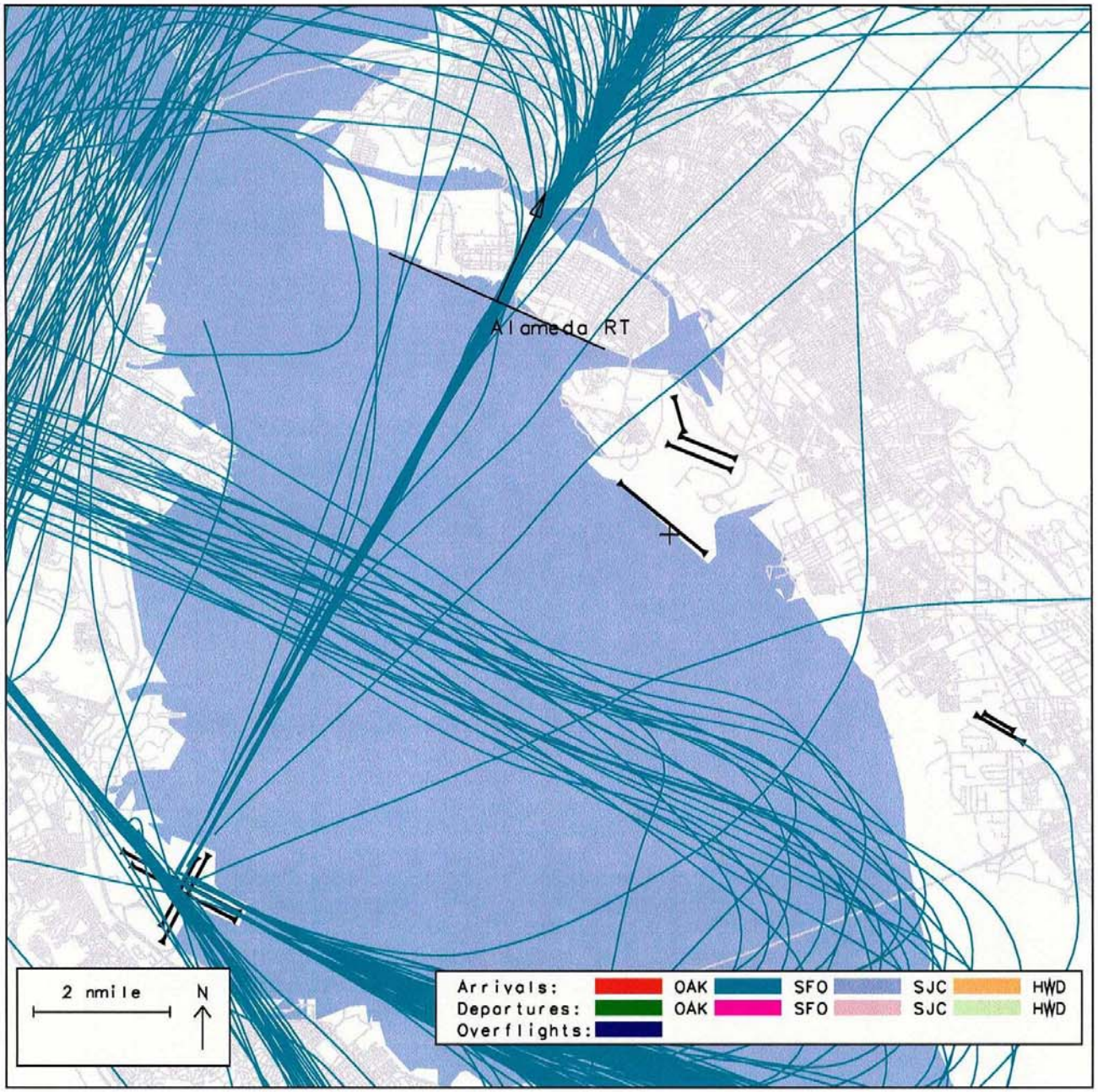
+ Arrival ○ Departure □ Overflight

	May 2001*		May 2005	
	Total departures	% of total Rwy 29 jet departures	Total departures / (change)	% of total Rwy 29 jet departures
Runway 29 Departures	6,297	100%	7,337 / (+1,040)	100%
Over Alameda	508	8.1%	760 / (+252)	10.4%
Over Alameda below 3,000 feet	86	1.4%	114 / (+28)	1.6%
Average Altitude (ft)	3,698		3,795 / (+97)	
	Over Alameda	% of departures over Alameda	Over Alameda	% of departures over Alameda
	508	100%	760	100%
<2500	27	5.3%	19	2.5%
2501-2600	8	1.6%	9	1.2%
2601-2700	13	2.5%	16	2.1%
2701-2800	12	2.3%	24	3.2%
2801-2900	15	2.9%	19	2.5%
2901-3000	15	2.9%	27	3.6%
>3000	418	82.2%	646	85.0%

* Note: Some radar data was missing

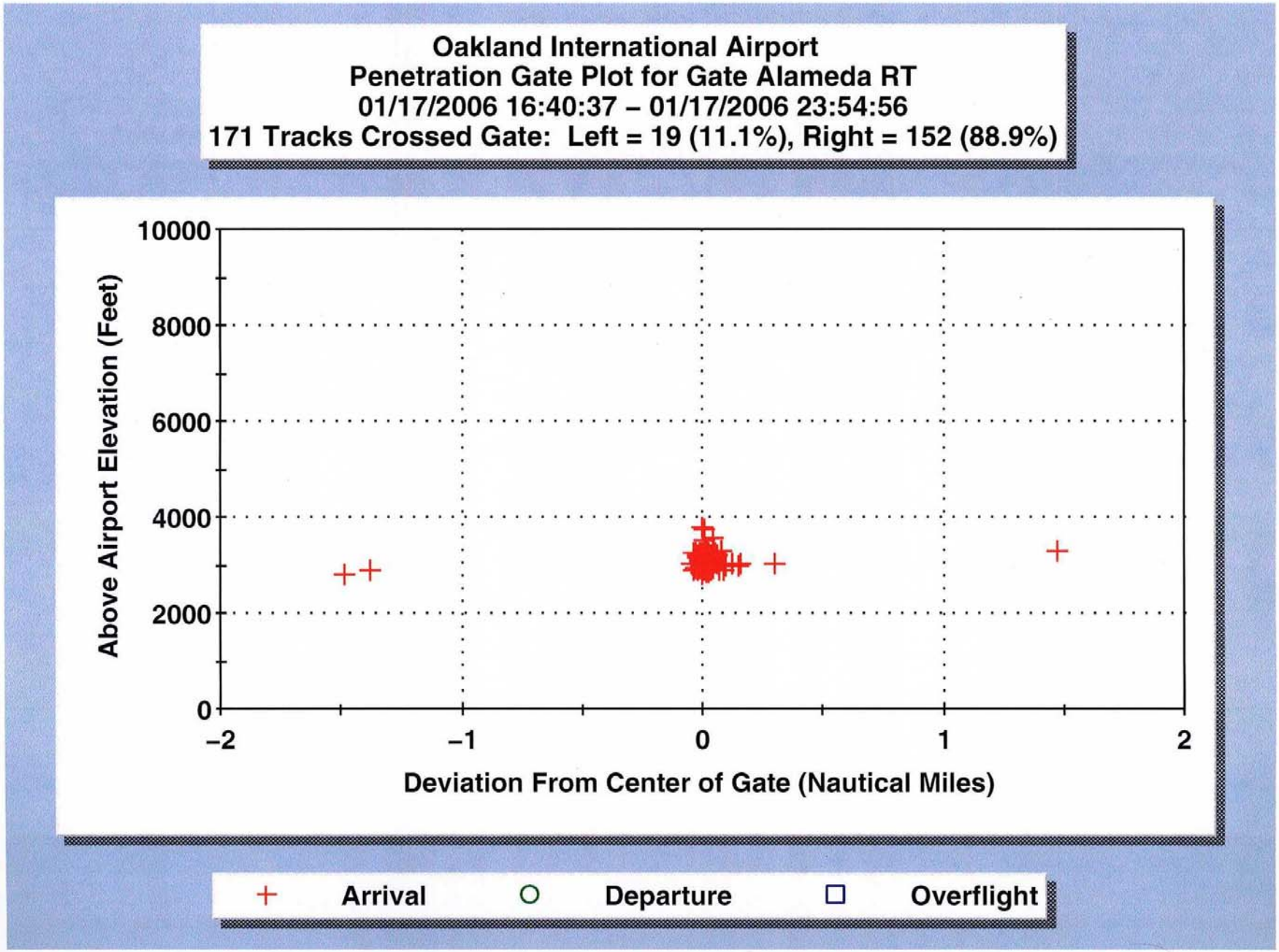

Runway 29 Departures over Alameda
Altitude (feet)
4901-5000
4401-4500
3901-4000
3401-3500
2901-3000
<2500
0
10
20
30
40
50
60
Departures
May-05
May-01

Wed Jan 18 10:17:45 2006 2D-View Position: 37.703444 -122.261448 Scale: 29524



OAKLAND
INTERNATIONAL
AIRPORT

SFO arrivals
during Southeast Plan


Oakland International Airport
Penetration Gate Plot for Gate Alameda RT
01/17/2006 16:40:37 – 01/17/2006 23:54:56
171 Tracks Crossed Gate: Left = 19 (11.1%), Right = 152 (88.9%)
Above Airport Elevation (Feet)
10000
8000
6000
4000
2000
0
–2
–1
0
1
2
Deviation From Center of Gate (Nautical Miles)
Arrival
Departure
Overflight