

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



MEMO

TO: Bill Pfanner
FROM: Shaelyn Strattan
DATE: December 20, 2007
RE: Eastshore Energy Center Exhibits

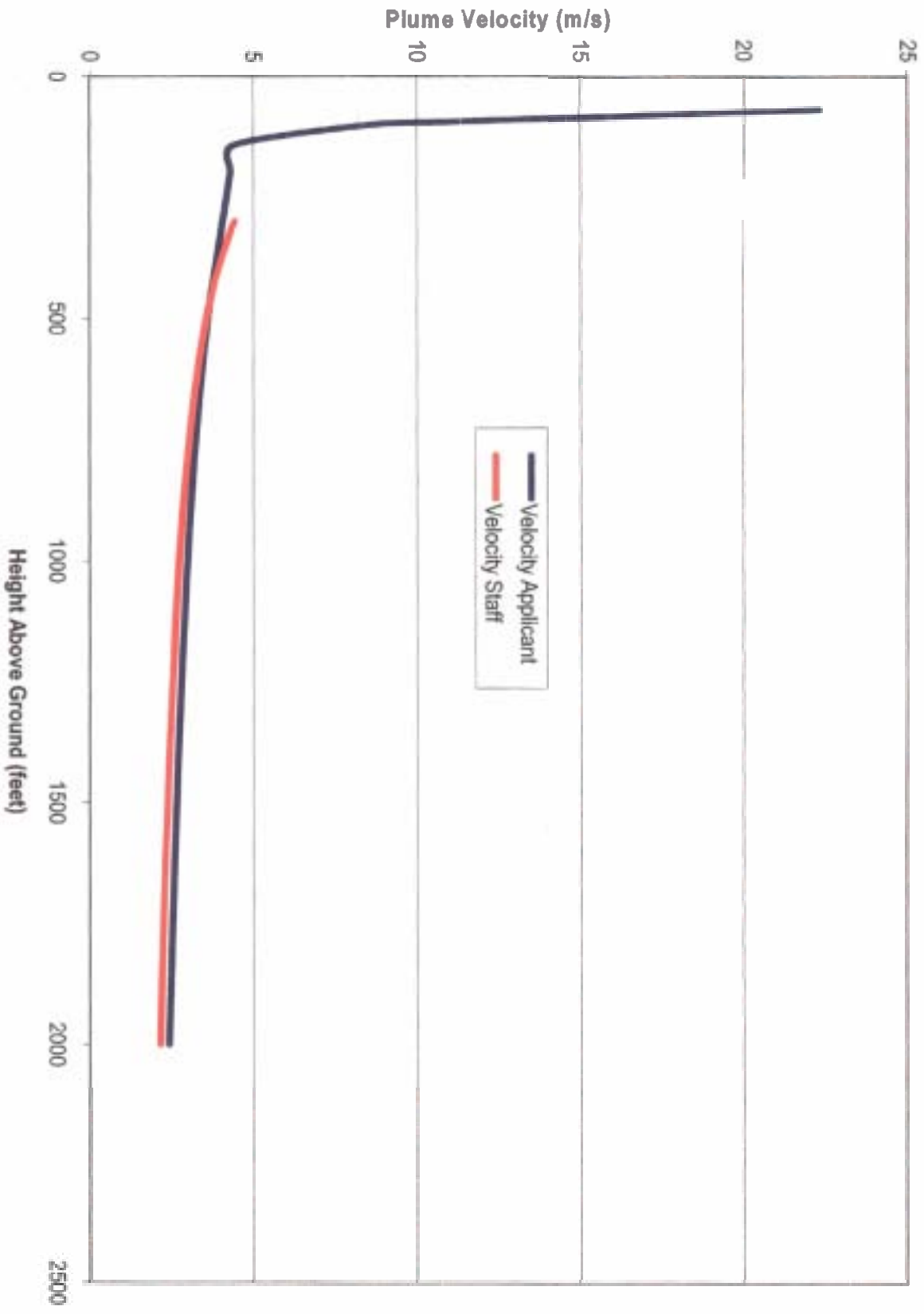
DOCKET	
06-AFC-6	
DATE	DEC 20 2007
RECD.	DEC 20 2007

Bill - Here are the hard copies of the two exhibits entered into evidence at the Eastshore Energy Center Evidentiary Hearing on December 18, 2007.

- Eastshore Comparative Engine Plume Curves Chart from Will Walters
- Eastshore Aircraft Tracks over the Eastshore Gate for April 2007 from Shaelyn Strattan

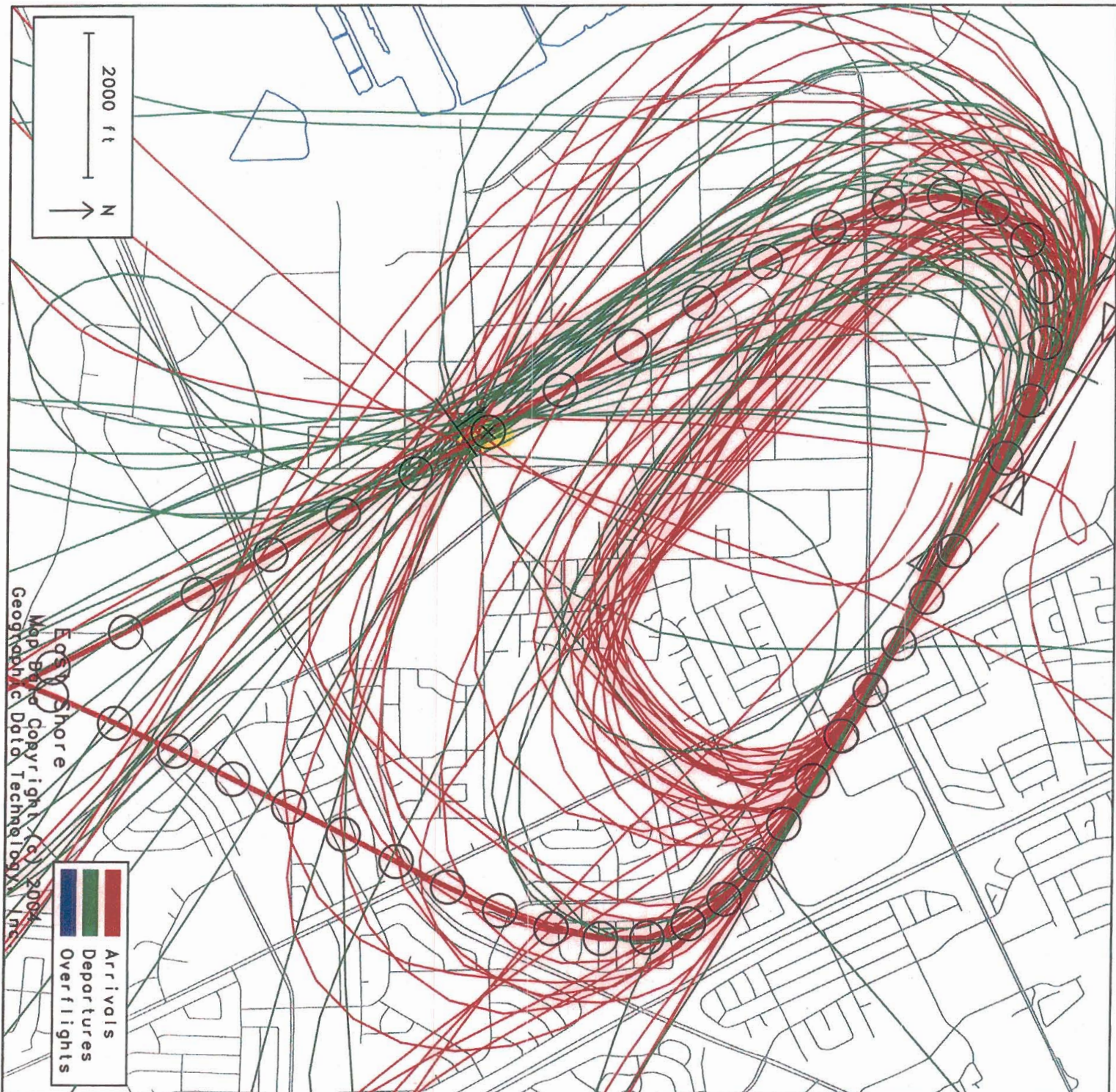
I am also sending you the electronic copies as well. Please check with Caryn Holmes for the exhibit numbers.

Plume Velocity Curves - 7 Engines

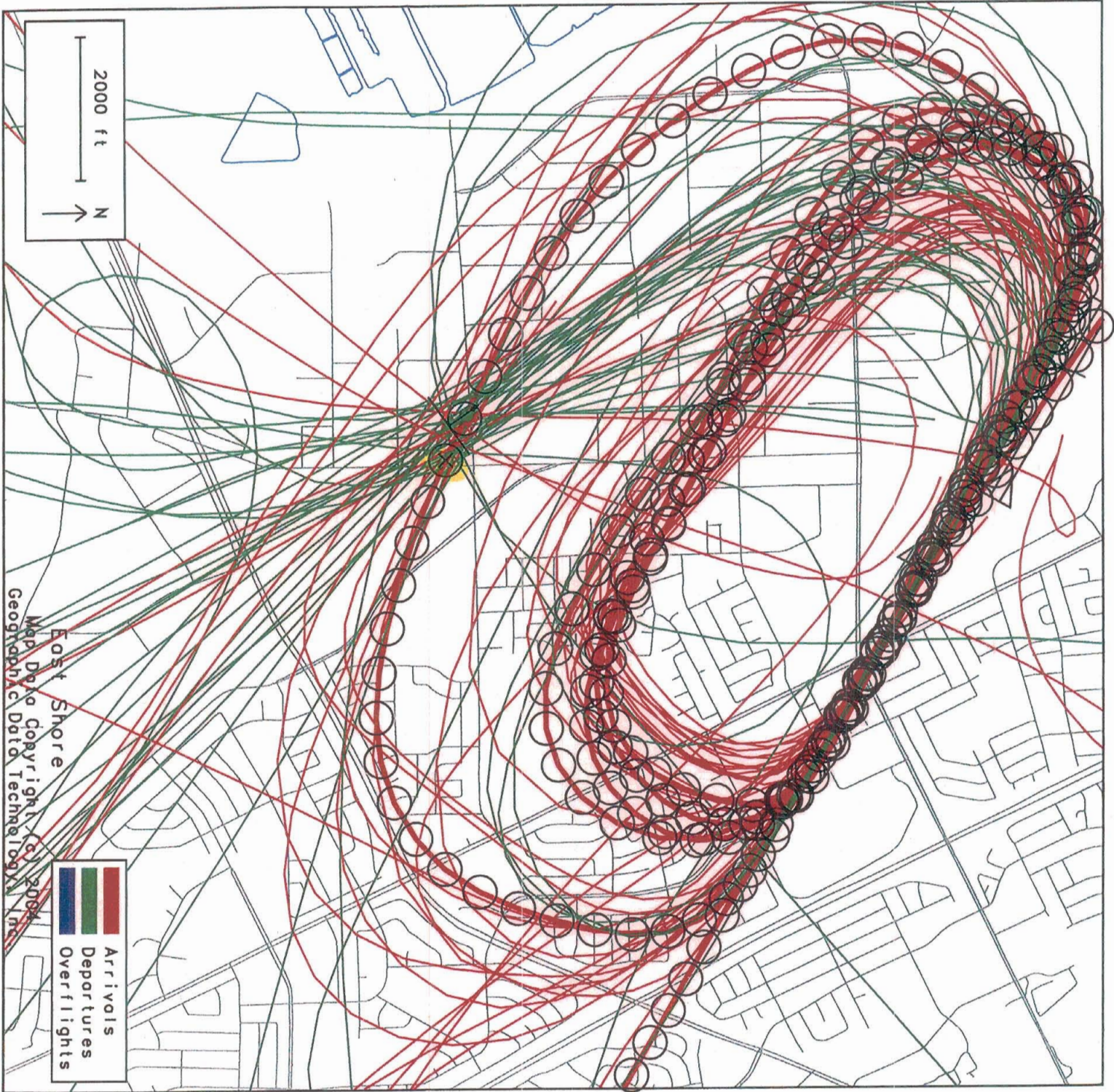




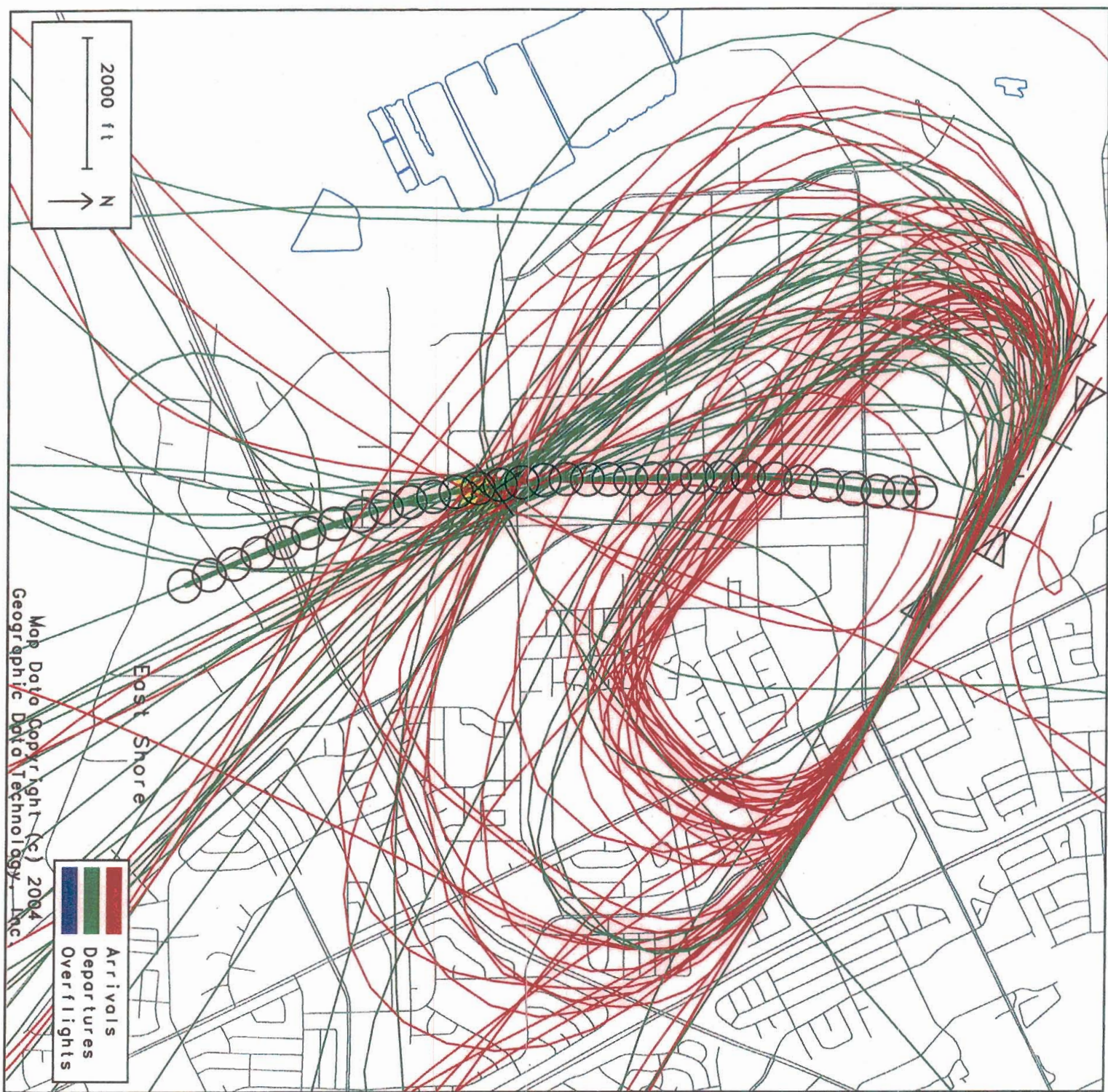
Hayward Executive Airport
Penetration Gate Plot for
Gate East Shore
04/02/2007 09:36:17 -
04/29/2007 12:36:45
45 Tracks Crossed Gate:
Left = 19 (42.2%),
Right = 26 (57.8%)



**** TRACK TARGET 13 ****
Latitude: 37.638864
Longitude: -122.121512
Altitude: 627 ft
Ground Speed: 134 knots
Delta Time: 60 seconds
Time: Apr 23 10:18:47 2007
Aircraft: Single engine

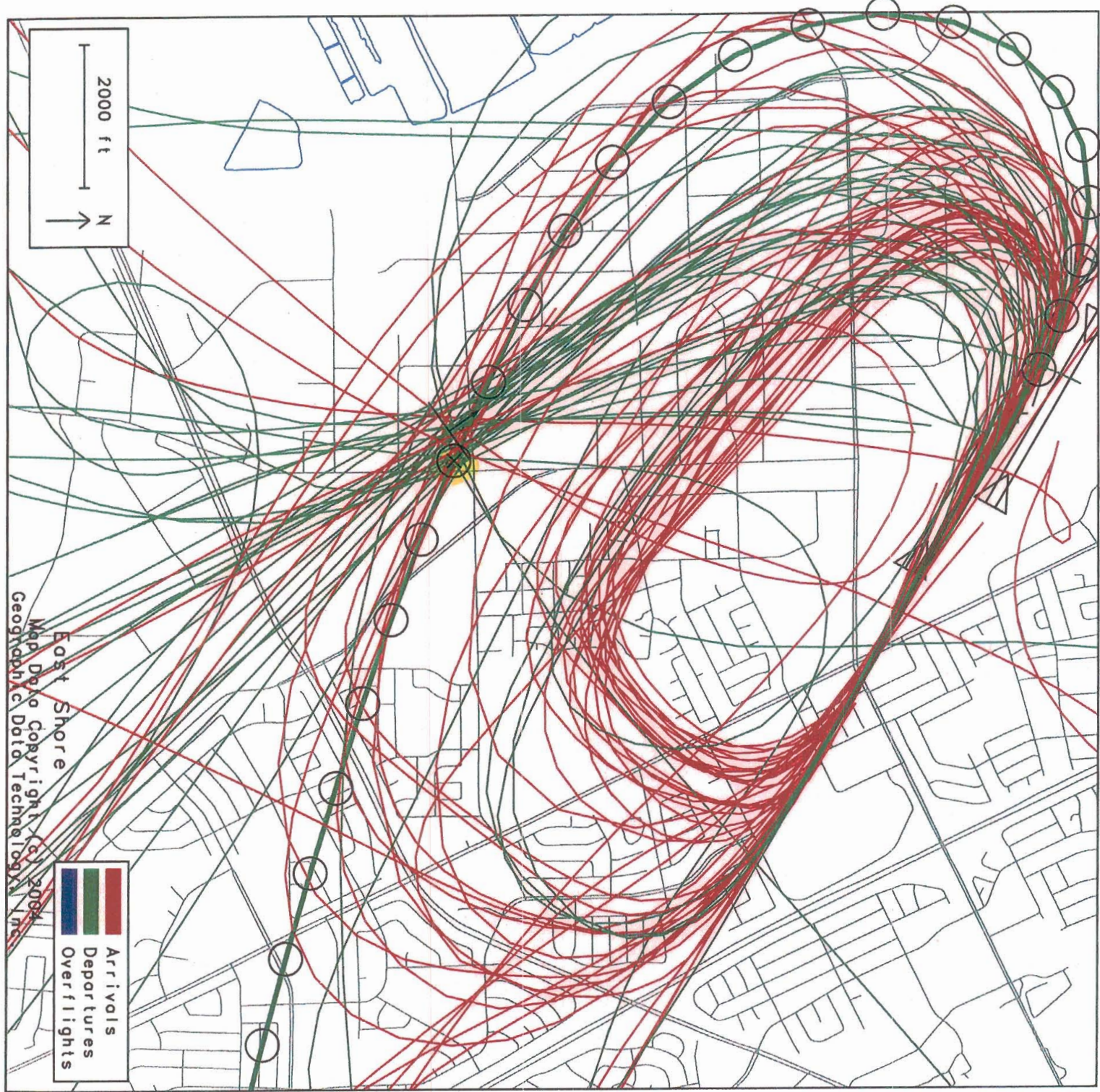


**** TRACK TARGET 306 ****
Latitude: 37.637552
Longitude: -122.120072
Altitude: 682 ft
Ground Speed: 72 knots
Delta Time: 1499 seconds
Time: Apr 21 11:01:28 2007
Aircraft: Single engine

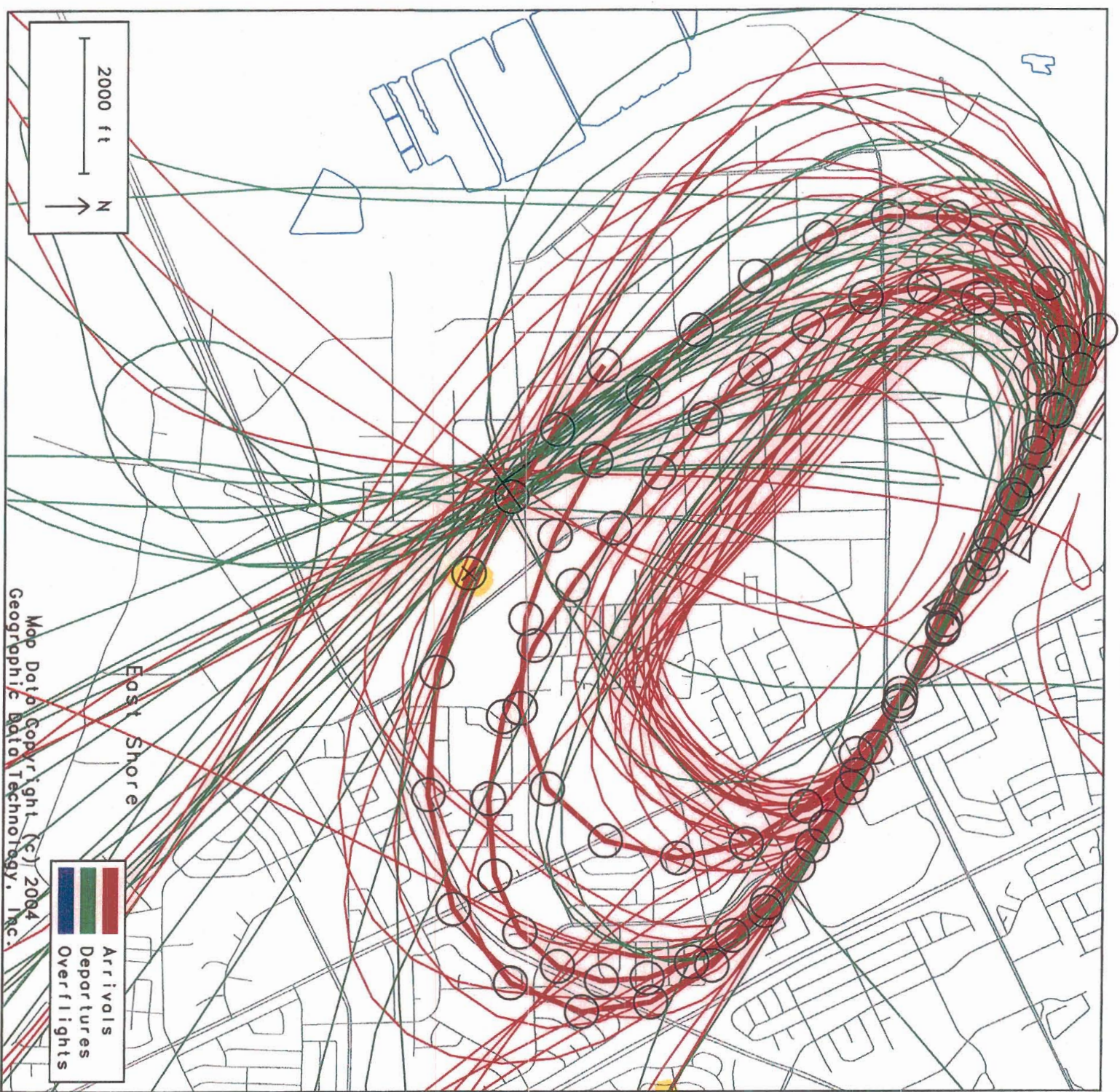


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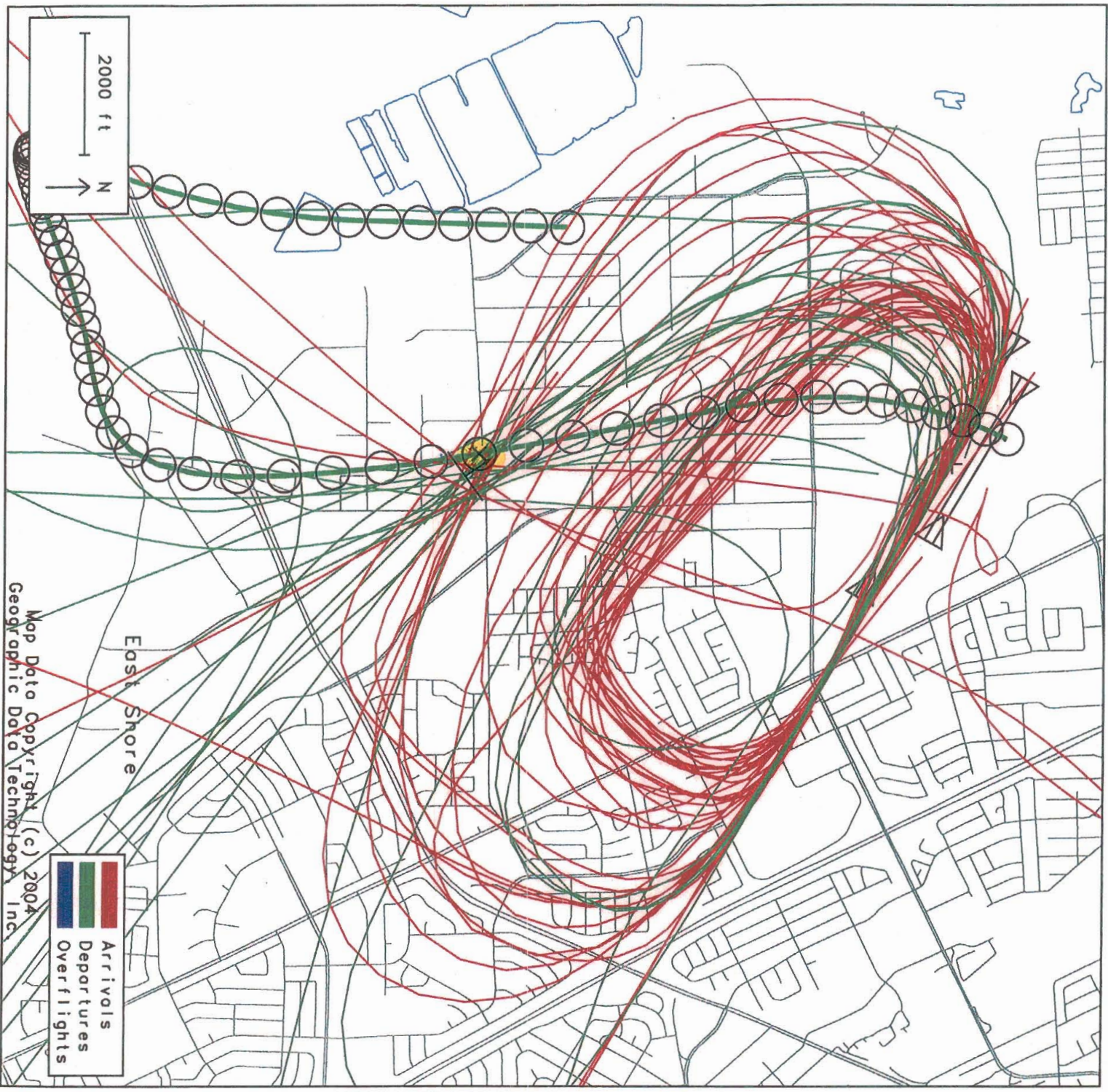
**** TRACK TARGET 19 ****
Latitude: 37.636976
Longitude: -122.121848
Altitude: 505 ft
Ground Speed: 37 knots
Delta Time: 92 seconds
Time: Sat Apr 21 10:22:06 2007
Aircraft: Helicopter



**** TRACK TARGET 16 ****
Latitude: 37.637856
Longitude: -122.120304
Altitude: 850 ft
Ground Speed: 148 knots
Delta Time: 74 seconds
Time: Apr 15 07:35:14 2007
Aircraft: Single engine



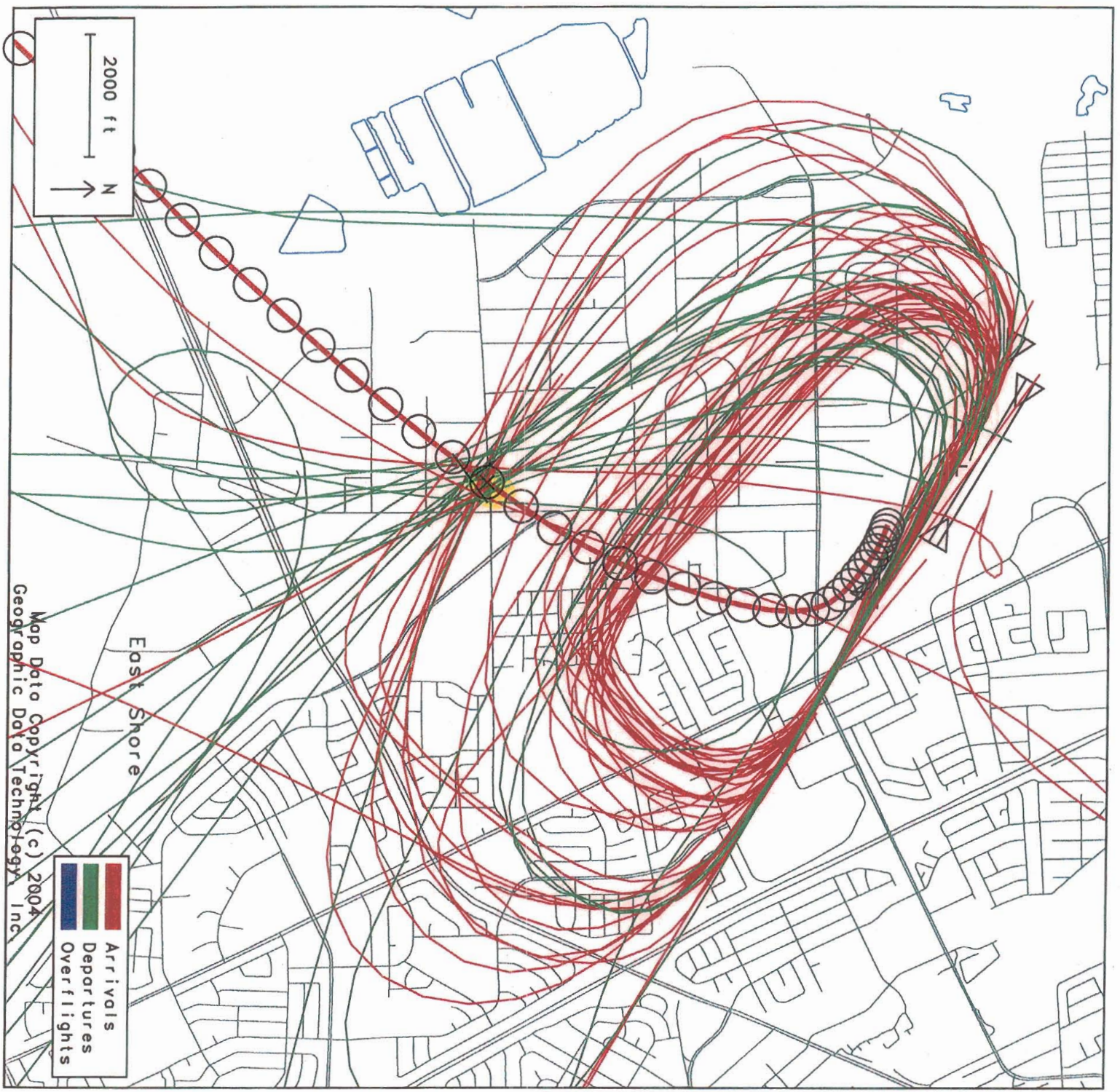
**** TRACK TARGET 3 ****
Latitude: 37.636376
Longitude: -122.117040
Altitude: 764 Ft
Ground Speed: 146 knots
Delta Time: 13 seconds
Time: Apr 12 18:04:07 2007
Aircraft: Multi-engine



**** TRACK TARGET 15 ****
Latitude: 37.638280
Longitude: -122.123024
Altitude: 866 ft
Ground Speed: 86 knots
Delta Time: 70 seconds
Time: Apr 12 05:58:28 2007
Aircraft Type: helicopter

Arrivals
Departures
Overflights

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**** TRACK TARGET 86 ****
 Latitude: 37.638432
 Longitude: -122.121512
 Altitude: 781 ft
 Ground Speed: 84 knots
 Delta Time: 400 seconds
 Time: Apr 7 17:52:39 2007
 Aircraft Type: Helicopter

***** TRACK TARGET 86 ****
 Latitude: 37.638432
 Longitude: -122.121512
 Altitude: 781 ft
 Ground Speed: 84 knots
 Delta Time: 400 seconds
 Time: Apr 7 17:52:39 2007
 Aircraft Type: Helicopter



**** TRACK TARGET 10 ****
 Latitude: 37.639676
 Longitude: -122.122144
 Altitude: 515 ft
 Ground Speed: 72 knots
 Delta Time: 45 seconds
 Time: Apr 6 06:08:49 2007
 Aircraft Type: Helicopter



**** TRACK TARGET 40 ****
Latitude: 37.636780
Longitude: -122.122480
Altitude: 863 ft
Ground Speed: 78 knots
Delta Time: 183 seconds
Time: Apr 3 17:56:52 2007
Aircraft: helicopter



**** TRACK TARGET 14 ****
Latitude: 37.637804
Longitude: -122.120456
Altitude: 915 Ft
Ground Speed: 179 knots
Delta Time: 63 seconds
Time: Apr 2 09:58:43 2007
Aircraft: Jet