



**Tcl @ FlightAware**  
**A Tcl-Powered Enterprise**  
October 17, 2018



# About FlightAware Company Overview

- › Founded by pilot-developers in 2005.
- › Headquartered in Houston, Texas.
- › Largest provider of flight tracking to airlines and private aviation.
- › 85 employees in Houston, New York, the UK, and Singapore.





# FlightAware in 2005

- › Three Guys, an FAA feed, the Internet, and a ton of ambition







# Early 2005


FlightAware | Live Tracking | Aircraft Tracking (N2901R) (Beta)

[Live Tracking](#) [Public Discussions](#) [Frequently Asked Questions](#)

N2901R

**N2901R**  
CULLEN GERARD L (AUSTIN TX)

	Proposed/Assigned	Actual/Estimated
Aircraft	C310/G	
Origin	ST LOUIS RGNL (KALN)	
Destination	LINCOLN (KLNK)	
Departure	unsupported	2005-04-21 21:21:00
Arrival	unsupported	2005-04-21 23:41:00
Groundspeed		
Altitude		
Position		Arrived!



**Recent Flights**

Identification	Type	Origin	Destination	Departure Time	Arrival Time
N2901R	C310	<a href="#">KALN</a>	<a href="#">KLNK</a>	2005-04-21 21:21:00	2005-04-21 23:41:00
N2901R	C310	<a href="#">KLNK</a>	<a href="#">KALN</a>	2005-04-21 15:11:00	
N2901R	C310	<a href="#">KPWK</a>	<a href="#">KLNK</a>	2005-04-19 17:20:00	2005-04-19 16:53:17
N2901R	C310	<a href="#">KICT</a>	<a href="#">KPWK</a>	2005-04-18 18:34:00	2005-04-18 21:32:00




# Late 2005

2005-05-15 10:40PM EDT [Live Tracking](#) [Public Discussions](#) [Frequently Asked Questions](#) [Mobile Devices](#) [Preferences](#) [About](#)

[FlightAware \(Beta\)](#) > [Live Tracking](#) > [Live Flight Tracking \(N7005B\)](#)

N7005B

N7005B		
AIR INC (LOS ANGELES CA)		
Aircraft	Gulfstream Aerospace Gulfstream 3 (twin-jet) (GLF3/G)	
Origin	Lakeland <a href="#">(KNDY)</a>	
Destination	Van Nuys <a href="#">(KVNY)</a>	
Date	Sunday, May 15, 2005	
	Proposed/Assigned	Actual/Estimated
Departure	unsupported	06:04PM
Arrival	unsupported	09:49PM
Groundspeed	unsupported	
Altitude	unsupported	
Status	Arrived!	



Recent Flights						
Date	Type	Origin	Destination	Departure Time	Arrival Time	Duration
15-May-2005	GLF3/G	Lakeland <a href="#">(KNDY)</a>	Van Nuys <a href="#">(KVNY)</a>	06:04PM	09:49PM	3:45
15-May-2005	GLF3/G	Van Nuys <a href="#">(KVNY)</a>	Lakeland <a href="#">(KNDY)</a>	02:05PM	05:21PM	3:16
02-May-2005	GLF3/G	Ontario Int'l <a href="#">(KONT)</a>	Van Nuys <a href="#">(KVNY)</a>	08:58PM	08:58PM	0:00
02-May-2005	GLF3/G	Seattle Tacoma Int'l <a href="#">(KSEA)</a>	Ontario Int'l <a href="#">(KONT)</a>	06:28PM	08:27PM	1:59
02-May-2005	GLF3/G	Minneapolis St Paul Int'l <a href="#">(KMSP)</a>	Seattle Tacoma Int'l <a href="#">(KSEA)</a>	08:20AM	11:17AM	2:57
01-May-2005	GLF3/G	Indianapolis Int'l <a href="#">(KIND)</a>	Minneapolis St Paul Int'l <a href="#">(KMSP)</a>	02:25PM	03:53PM	1:30
01-May-2005	GLF3/G	Mc Carran Int'l <a href="#">(KLAS)</a>	Indianapolis Int'l <a href="#">(KIND)</a>	10:37AM	01:24PM	2:47
01-May-2005	GLF3/G	Van Nuys <a href="#">(KVNY)</a>	Mc Carran Int'l <a href="#">(KLAS)</a>	09:10AM	09:48AM	0:38
30-Apr-2005	GLF3/G	Meadows Field <a href="#">(KDFW)</a>	Van Nuys <a href="#">(KVNY)</a>	03:55PM	04:15PM	0:22
30-Apr-2005	GLF3/G	Van Nuys <a href="#">(KVNY)</a>	Meadows Field <a href="#">(KDFW)</a>	03:07PM	03:36PM	0:29

[Terms of Use](#) [Privacy](#)  
©2005 FlightAware. All Rights Reserved.



# 2006

2006-01-03 06:47PM CST Administrator Daniel Baker (dbaker) Member Since: 2006 [Logout](#)

[Administration](#) | [Live Tracking](#) | [Analysis](#) | [Deviations](#) | [No FlightAware](#) | [Mobile](#) | [Profile](#) | [Frequently Asked Questions](#) | [News](#) | [About](#)

[FlightAware](#) > [Live Flight Tracker](#) > Delta Air Lines, Inc. #2060

**DAL2060**

Delta Air Lines, Inc. "Delta" ([web site](#))

**Aircraft** Boeing 757-300 (bim-jet) [\[B753\]](#)

**Origin** Los Angeles Intl [\[LAX\]](#)

**Destination** General Edward Lawrence Logan Intl [\[BOS\]](#)

**Route** LAXX3 TRM PKE J134 CIM J98 SLN MCI RIK JOT ELX SVM J70 JHW J82 ALB ODM3

**Date** Tuesday, Jan 03, 2006

**Duration** 4 hours 45 minutes

**Status** Arrived! [\[Track Log\]](#)

	Proposed	Assigned	Actual	Estimated
<b>Departure</b>	10:25AM		10:44AM	
<b>Arrival</b>		06:57PM		06:29PM

**Groundspeed** 453 kts

**Altitude** 36000 feet

[Other flights between these airports](#)

**Ads by Domainale**

**Executive Aircraft**  
Aircraft: Buy, Sell, Lease. 100s of Dealers, 1000s of Listings  
[www.domainale.com](#)

**Private Jet Cards**  
The Freedom of a Private Jet, Without the Responsibilities.  
[www.MerquisJet.com](#)

**Air Ambulance Specialists**  
worldwide medical medevac medically equipped aircraft  
[www.airmed.com](#)

**Luxury Travel**  
Luxury Travel for Less. Exclusive Packages at Auction. Buy Now Offers  
[www.luxuryjet.com](#)  
800.333.6666 - 800.333.6666

**California Air Charter**  
Southern California

Activity Log						
Date	Type	Origin	Destination	Departure	Arrival	Duration
03-Jan-2006	B753U	Los Angeles Intl <a href="#">[LAX]</a>	General Edward Lawrence Logan Intl <a href="#">[BOS]</a>	10:44AM	06:29PM	4:45
03-Jan-2006	B753U	Los Angeles Intl <a href="#">[LAX]</a>	General Edward Lawrence Logan Intl <a href="#">[BOS]</a>	11:18AM	06:56PM	4:38



# 2008

FlightAware Live Flight Tracking. Administration Questions/Feedback Mailbox/Feedback Tools

Daniel Baker (dbaker) | Administrator (Logout) | Member Since: 2005 | Thursday 05:30PM

---

► Live Tracking

Statistics

Commercial Services

Discussions

News & Media

Resources

About FlightAware

Contact

FlightAware > Live Flight Tracker > Continental Air Lines Inc. #823

**FLIGHT TRACKER**

FlightTail #:

---

Continental Air Lines Inc.

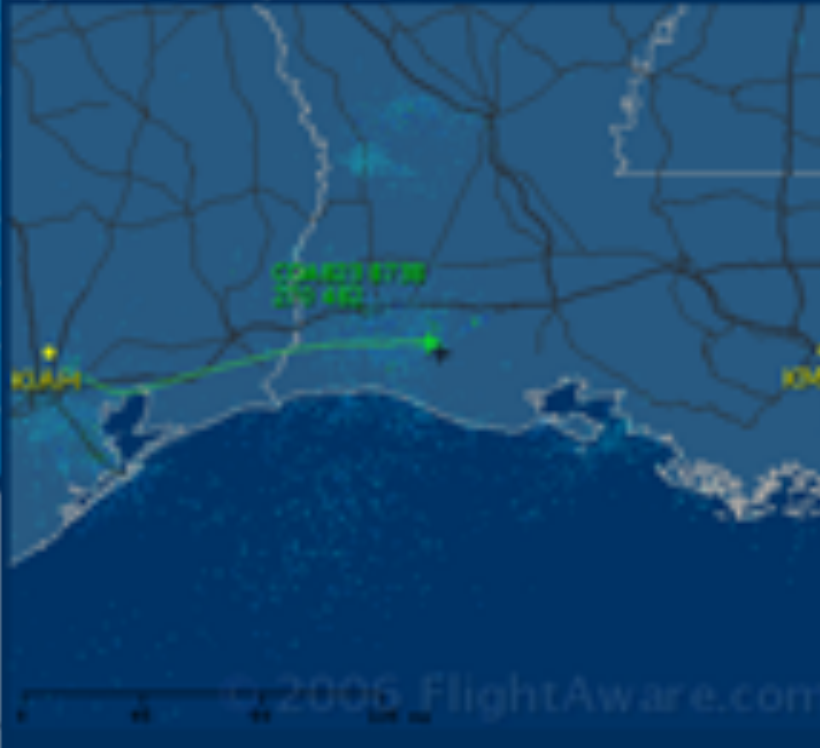
Flight Number:

Don't know the flight number?

---

Airport Code:

Don't know the IATA code?



**COA823** (web site)  
Continental Air Lines Inc. "Continental"

**Aircraft:** Boeing 737-800 (737-800) [BT3502]

**Origin:** George Bush Intl Houston [HOU]

**Destination:** Louis Armstrong New Orleans Intl [MSY]

Other flights between these airports

**Route:** BPTX LCH AIRDADE

**Date:** Thursday, Mar 02, 2006

**Duration:** 0 hours 54 minutes

**Progress:** 27 minutes left  
27 minutes

**Status:** En Route (150 miles down; 154 miles to go)

	Proposed	Assigned	Actual	Estimated
<b>Departure:</b>	04:45PM		05:06PM	
<b>Arrival:</b>		05:33PM		06:00PM
<b>Speed:</b>	408 kts		482 kts	
<b>Altitude:</b>	27000 feet		27000 feet	

[Discover Airlines Sale](#)  
Airlines Roundtrip & One Way Fares Not Deals, Book Now & Save Big!

[Cheap Flights](#)  
Book Direct and Save! Cheap Fares from 200+ Airline Sites

[Boeing 777](#)  
Accurately detailed Boeing 777 desktop display models

[Cheapest Airfare](#)  
Compare airfares from low cost airlines to find the best price.

Ads by GoGoGoAds Advertise on this site

**Activity Log**

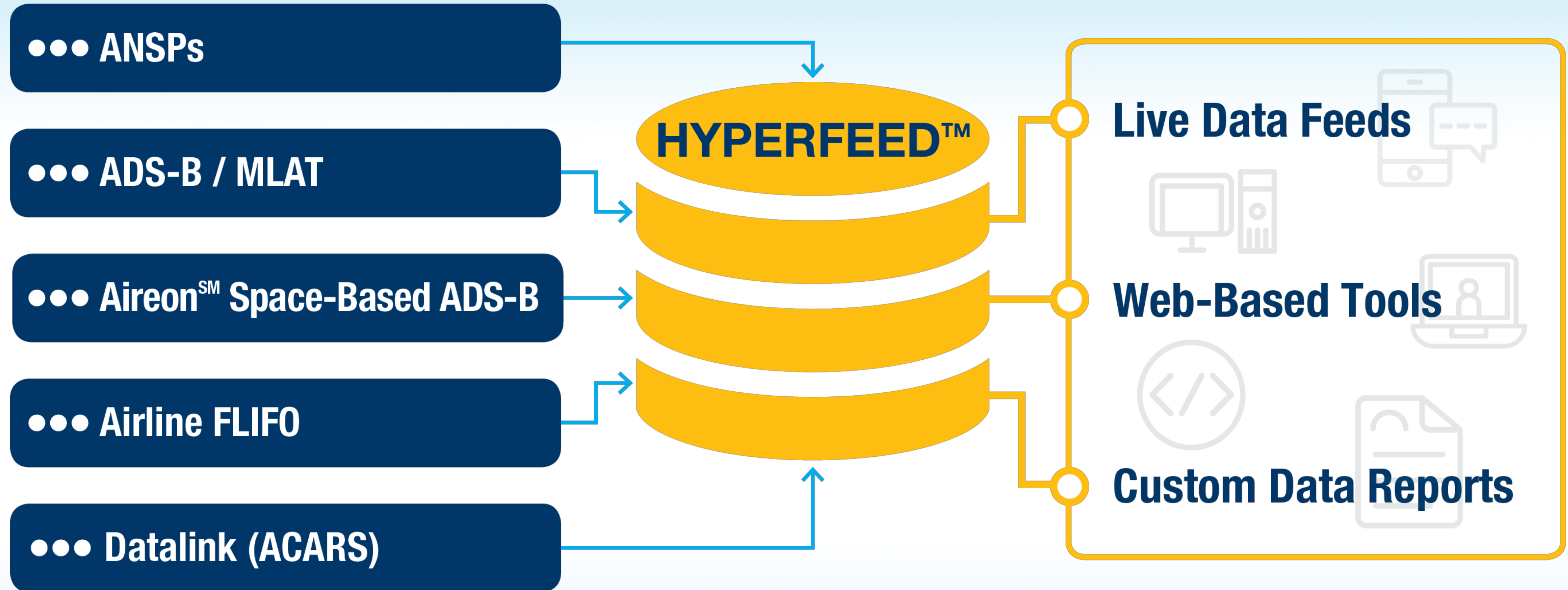
Date	Type	Origin	Destination	Departure	Arrival	Duration
02-Mar-2006	BT3502	George Bush Intl Houston [HOU]	Louis Armstrong New Orleans Intl [MSY]	05:06PM	06:00PM	En Route
01-Mar-2006	BT3502	George Bush Intl Houston [HOU]	Louis Armstrong New Orleans Intl [MSY]	04:59PM	05:44PM	0:45







# About FlightAware HyperFeed

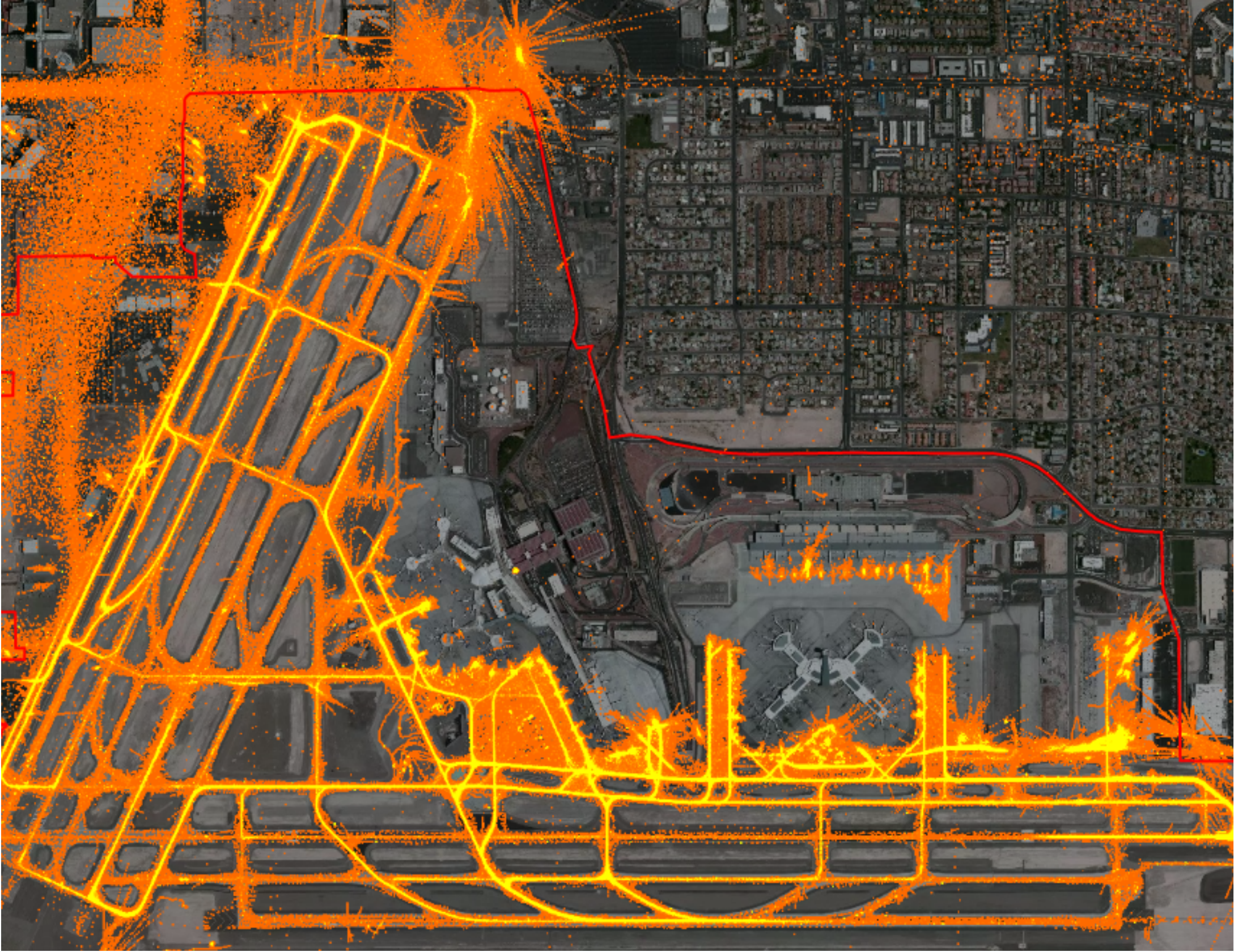




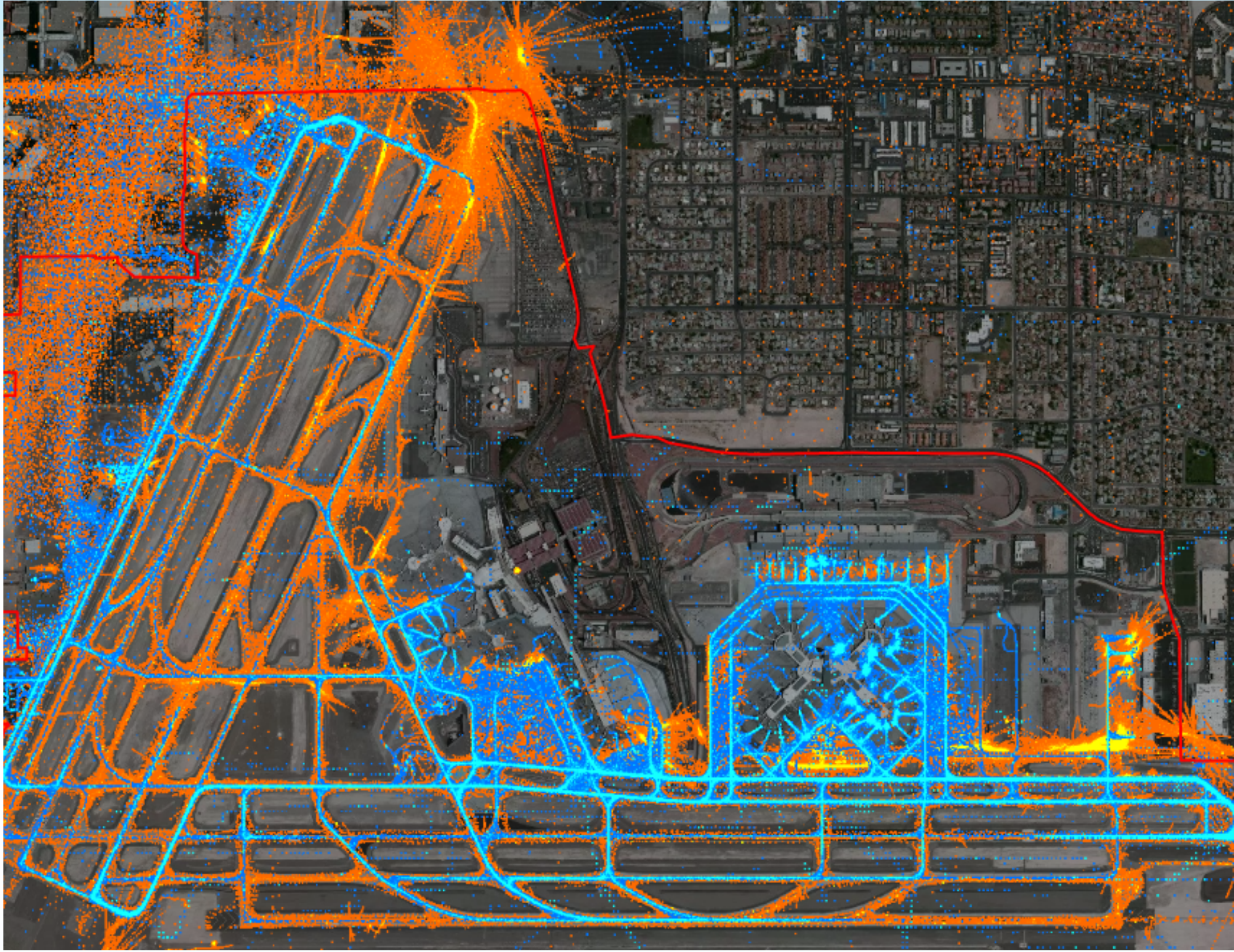




# FlightAware Surface Movement Data - LAS



FAA ASDE-X

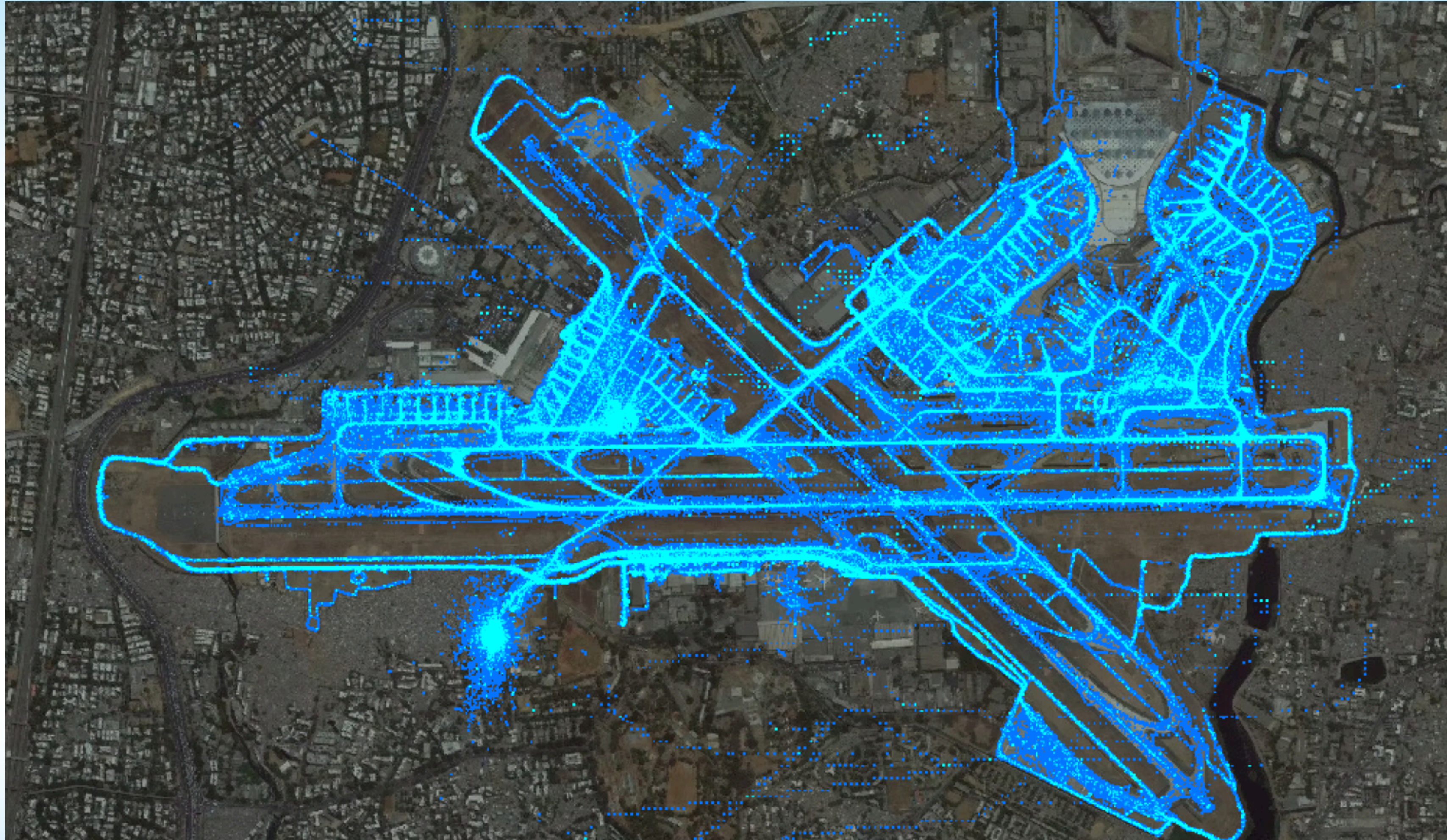


FlightAware ADS-B  
&  
FAA ASDE-X





# FlightAware Surface Movement Data - VABB





# FlightAware Surface Movement Data - YSSY





# FlightFeeders and Piaware





# Rough Code Counts

- › Most of our Tcl packages - 165,000 lines
- › Rivet (Tcl-enabled webpages) - 123,000 lines
- › Flight Tracking - 145,000 lines
- › Popeye - 5,000 lines
- › Global Beacon - 4,000 lines
- › Multicom - 9,000 lines







Questions