





Item #A

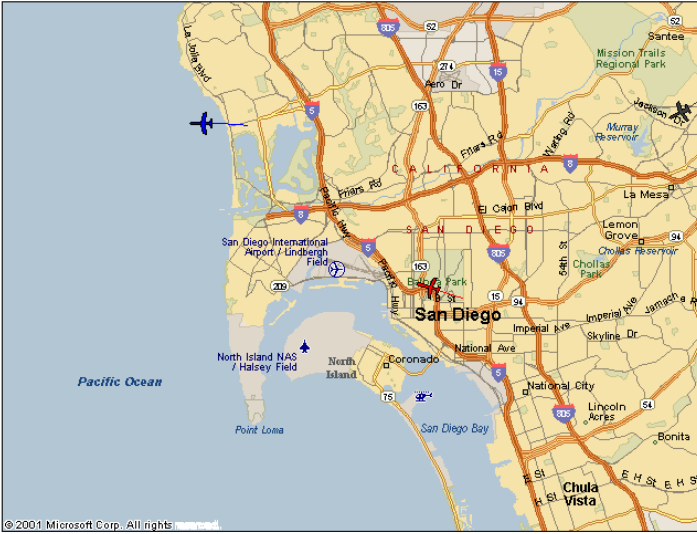


**SAN DIEGO
INTERNATIONAL
AIRPORT**



Enter Replay Date & Time (Pacific Time) Month: March Day: 15 Year: 2010 Hour: 13 Minute: 47 PT Start Replay Current Pause Help

Replay Speed: Normal 2x 5x 10x




© 2001 Microsoft Corp. All rights reserved.

MY HOME LOCATOR

Enter address here as: No. St., City, State Zip

Locate Clear

Map:  5 Miles 10 21 42 85

Flight Information
Click on any airplane at left for details



Date/Time	3/15/2010 13:47:53
Flight ID	EGF3021
Aircraft Type	E135
Altitude	1100 ft
Origin	KLAX
Destination	KSAN

Legend

- San Diego International Airport
- Departures Arrivals
- Helicopter Selected
- In Transit Address Location

Scale (mi): 0 1.6 3.3

at \$2,000 for the first offense. For additional information, please call (619) 400-2781 between 8:00 A.M. and 5:00 P.M. Monday - Friday, except holidays....

PASSUR Airport Solutions Overview for San Diego County Regional Airport Authority April 2010



PASSUR Aerospace

- PASSUR serves dozens of airlines (including six of the top seven North American airlines), over 50 airport customers (including ten of the top 15 North American airports), and more than 200 corporate aviation customers.
- Founded in 1967
- The PASSUR Network includes 137 sensor installations located primarily in North America, and also in Europe and Asia





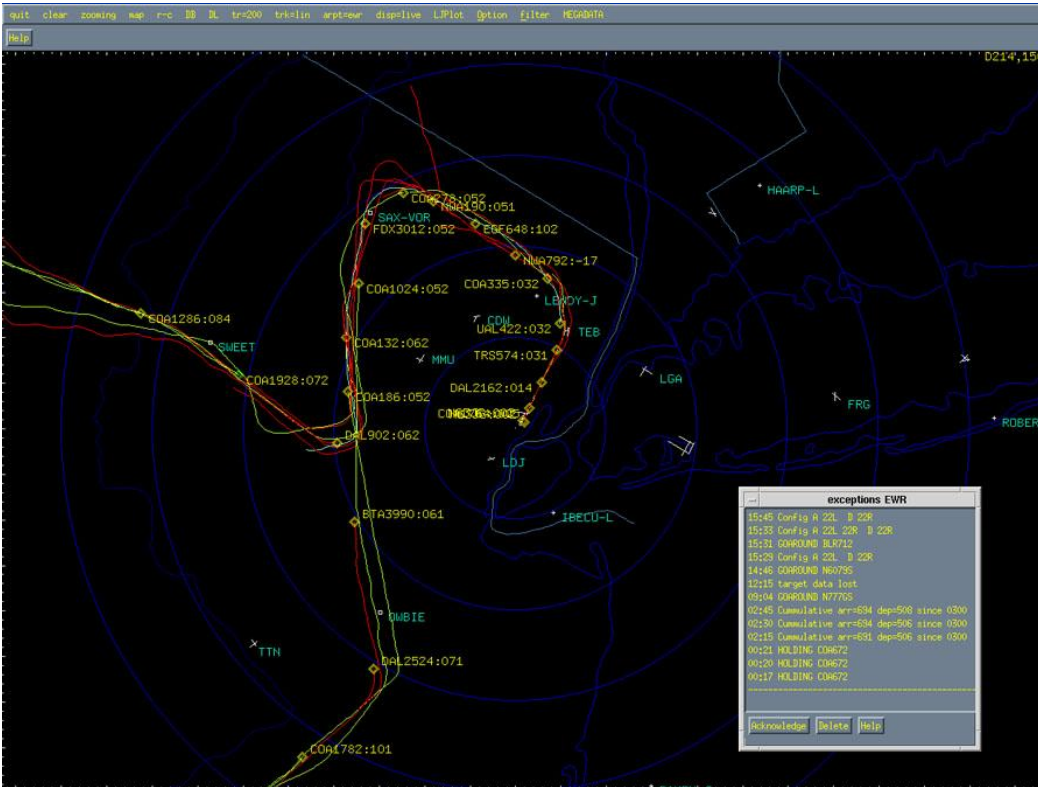
What PASSUR Does for San Diego (for more than 15 years)

PASSUR Flightperform

The gold standard for accurate flight tracking

Highlights

- ➔ Most reliable flight tracking product available
- ➔ Superb, ATC-like 4.6 second aircraft update rates (nothing is comparable)
- ➔ Weather integration
- ➔ Instant notification of and analysis of holding patterns, go-arounds, etc.
- ➔ High fidelity replay and analysis
- ➔ Used by airport ramp towers for real-time gate, runway, taxiway management
- ➔ Installed at airline stations, SOC's and airports throughout the country and internationally
- ➔ **Remotely hosted**
- ➔ **A complete solution - only input the customer can make to the product is to the "scroll screen" at the bottom of the display**



PASSUR also sends a daily download to SAN containing flight tracks for use in ANOMS system

Operations and Community Relations

San Diego International Airport

Enter Replay Date & Time (Pacific Time) Month: March Day: 15 Year: 2010 Hour: 13 Minute: 47 PT: Start Replay Current Pause Help

Replay Speed: Normal 2x 5x 10x

MY HOME LOCATOR
Enter address here as: No. St., City, State Zip
Locate Clear

Flight Information
Click on any airplane at left for details

Date/Time	3/15/2010 13:47:53
Flight ID	EGF3021
Aircraft Type	E135
Altitude	1100 ft
Origin	KLAX
Destination	KSAN

Legend
San Diego International Airport
Departures Arrivals
Helicopter Selected
In Transit Address Location

Scale (mi): 0 1.6 3.3

at \$2,000 for the first offense. For additional information, please call (619) 400-2781 between 8:00 A.M. and 5:00 P.M. Monday - Friday, except holidays....

AirportMonitor™ POWERED BY PASSUR.com

- Reduces call volume, costs in the noise office
- Builds credibility and trust through an independent, transparent visual of the airspace
- The only Internet flight tracking system with near-real time data, instant replay, and PASSUR precision flight tracks.
- "My Home Locator" (user adds address to place residence on the map)
- Airport messaging scroll bar (public message content managed by airport on secure web tool)

AirportMonitor: Dynamic, interactive display of air traffic and flight information in the terminal airspace, designed for your airport's website.

PASSUR Portal Web Dashboard



Highlights

- Live airport arrival information
- Powered by PASSUR's live database
- All live operational information over the web
- Includes runway configuration, PASSUR ETA's, Weather, Predicted Demand
- Mouse-over decoders, checked flights, planned departures

Current Weather (METAR)
0751 WIND from 330 at 5KT TEMP=2C DP=4C
KEWR 121151Z 33005KT 10SM FEW250
02/M04 A3033 RMK A02 SLP268
T00171044 10022

Arrivals Forecast by Hour

Hour	Forecast
9:00	19
10:00	11
11:00	6
12:00	10

Departures Forecast by Hour

Hour	Forecast
9:00	38
10:00	22
11:00	34
12:00	24

In Flight

Flight	ETA	ATA	STA	Range	Runway	Orig	Ac Type	Tail
<input type="checkbox"/> BTA2788	08:15:15	08:25		22L	CVG	E145		N15912
<input type="checkbox"/> BTA2251	08:16:49	08:19		22L	IID	E145		N13566
<input type="checkbox"/> BTA2761	08:18:26	08:25	8	22L	RIC	E145		N14916
<input type="checkbox"/> BTA2535	08:20:12	08:27	11	22L	SDF	E145		N13964
<input type="checkbox"/> COA1108	08:22:07	08:30	19	22L	ATL	B735		N11656
<input type="checkbox"/> COA1121	08:24:16	08:47	83	22L	BOS	B735		N16642
<input type="checkbox"/> BTA3035	08:25:48	08:39	170	22L	SAV	E145		N12924
<input type="checkbox"/> BTA2844	08:27:18	08:40	24	22L	TYS	E145	MC GHEE	TYSON
<input type="checkbox"/> ACA762	08:31:48	08:53	91		YYZ	E170		

Flight

Flight	ATD	STD	Runway	Dest	Ac Type	Tail	Term	Gate
BTA2334	07:26:24	08:30	22X	SDF	E145	N18982		
BTA2234	07:25:14	08:50	22X	DAY	E145	N1150G		
COA1480	07:23:47	07:30	22R	SRO	B735	N17644		
COA338	07:21:41	08:50	22R	MIA	B737	N54711		
COA1002	07:20:27	08:45	22R	LAX	B738	N37255		
BTA2775	07:19:30	08:50	22X	GRR	E145	N13966		
COA1892	07:18:37	08:40		MCO	B753	N57868		
COA716	07:16:28	08:55	22X	MSY	B733	N14341		

Arrivals 22L
Departures 22R

Total Scheduled Arrivals 77
Total Scheduled Departures 248
Red Alert Minutes 15

PASSUR Pulse instant operational reports

The screenshot displays the PASSUR Pulse web application interface. The main content area shows a table of flight arrivals for Newark Liberty International Airport. The table includes columns for Date and Time, Flight, Aircraft Type, Tail, Arrived, STA, Runway, From/To, Terminal, Gate, and Operator. The data is filtered for the month of March 2007, showing 12 total flights. The interface also includes a sidebar with search filters and a top navigation bar with tabs for Passur Portal, Operations Archive, Revenue Live, and Revenue Archive.

Date and Time	Flight	Aircraft Type	Tail	Arrived	STA	Runway	From/To	Terminal	Gate	Operator
2007-03-08:51:13	11 COA1803	B753	N74856	06:51:13	07:04:00	22L	LAX/EWR			CONTINENTAL AIRLINES
2007-03-07:02:16	11 COA327	B738	N14237	07:02:16	06:59:00	22L	SAN/EWR			CONTINENTAL AIRLINES
2007-03-07:04:32	11 COA1829	B738	N16217	07:04:32	07:02:00	22L	SFO/EWR			CONTINENTAL AIRLINES
2007-03-15:56:31	11 COA1049	B752	N17122	15:56:31	16:05:00	04R	SFO/EWR			CONTINENTAL AIRLINES
2007-03-16:02:30	11 COA1403	B738	N77295	16:02:30	15:27:00	04R	LAX/EWR			CONTINENTAL AIRLINES
2007-03-16:19:37	11 COA1827	B738	N76505	16:19:37	16:15:00	04R	SAN/EWR			CONTINENTAL AIRLINES
2007-03-16:30:50	11 COA186	B737	N14731	16:30:50	15:54:00	04R	SNA/EWR			CONTINENTAL AIRLINES
2007-03-16:44:11	11 COA1703	B752	N34131	16:44:11	16:41:00	04R	LAX/EWR			CONTINENTAL AIRLINES

Highlights

- ➔ Most complete, accurate and timely activity reports of arrivals and departures, based on the PASSUR radar record and integrated database of flight information including
- ➔ Instant correlation to owner-operator database
- ➔ Origin reports by zip, state, multiple airports;
- ➔ "Anywhere" city pair reports

PASSUR Radar: the database foundation

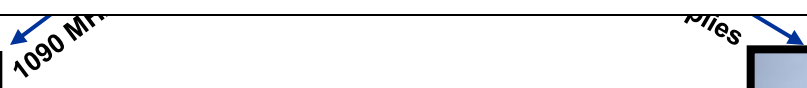


Passive Secondary Surveillance Radar (PASSUR):

- Updates aircraft tracks every 4.6 sec.
- Range accuracy to 0.05 nm
- Azimuth accuracy to 0.35 degrees
- Altitude accuracy to 100 feet
- Tracking range to 150 nm



PASSUR relies on the FAA systems for the radar tracks; the same messages received from the aircraft are displayed on the FAA systems and the PASSUR solutions.



Airport Secondary Surveillance Radar (ASR)



Passive Secondary Surveillance Radar (PASSUR)

PASSUR database



SAN PASSUR AirportMonitor

Used by 14 airports around the country including Burbank, Orange County, Boston, New Orleans, Fort Lauderdale Executive, LaGuardia, Newark, and Kennedy (JFK). Noise solutions are used at MWWA, SFO, FLL, PBI, Nashville and others,

San Diego's AirportMonitor website has been getting about 50 hits a day in 2010. This is an increase from about 35 hits a day in 2009.

The tracks displayed in AirportMonitor are smoothed and interpolated to fill in missing target points. A five point Kalman smoother is used.

The city map is not a layer; other elements can be added to it

All commercial and GA flights are shown on AirportMonitor with the following exceptions: VFR non-1200 and NBAA BARR list flights. This cover Military, government and other protected classes of air traffic.

PASSUR Radar tracks statistics: Altitude +/- 100 feet, Range +/- 150 feet
Azimuth +/- 0.3 degrees



PASSUR contact info

- Frederick Roe
- (203) 622 4086

- PASSUR Customer Service (24 hr)
- (866) 437 7247