

Let's first look at the departure airport, UPS headquarters in Louisville. Here is a list of all departures from late Sunday night until just after 5AM on Monday, 12/18. Basically, at this major cargo hub, airport neighbors are allowed relief from departures for roughly 2.5 hours, but begin to endure the onslaught before 1AM. On this day, there were 32 departures between 4AM and 5AM; nearly all were large cargo departures.

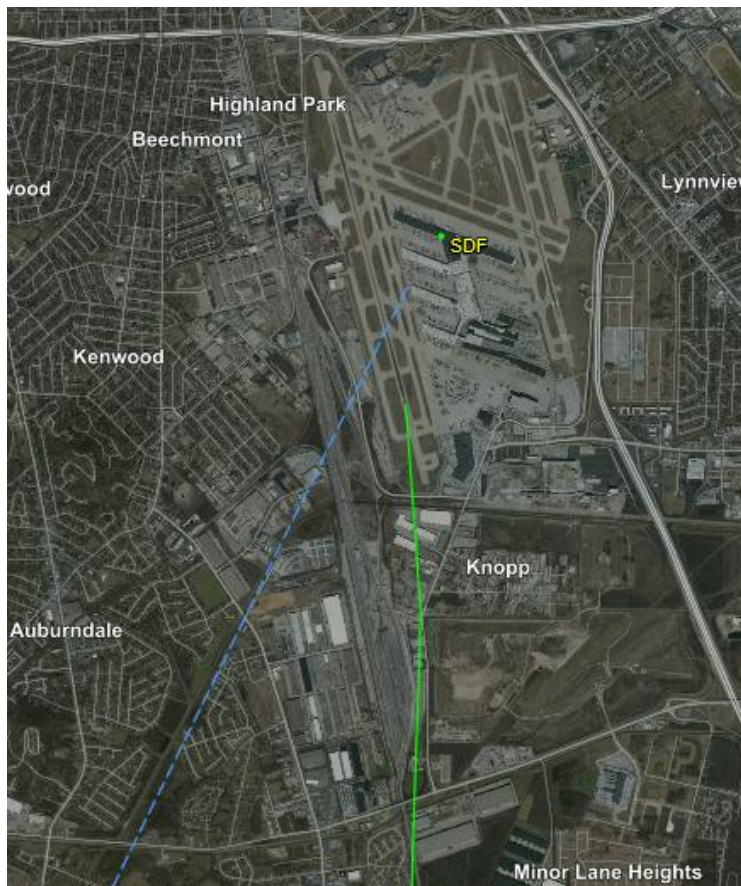
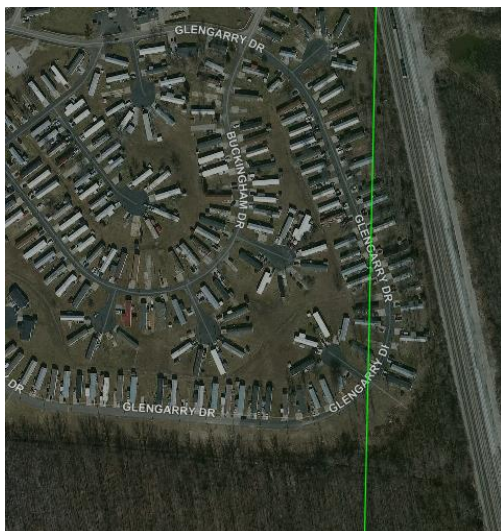
Ident	Type	Destination	Departure	Arrival
UPS2016	B763	Boston Logan Intl (KBOS)	Sun 10:48PM EST	12:24AM EST
UPS978	B763	Boeing Field Intl (KBFI)	Mon 01:17AM EST	02:44AM PST
UPS488	A306	Toronto Pearson Int'l (CYYZ)	01:20AM EST	02:23AM EST
UPS952	B763	Metropolitan Oakland Intl (KOAK)	01:38AM EST	02:51AM PST
UPS340	MD11	Luis Munoz Marin Intl (SJU / TJSJ)	01:55AM EST	06:07AM AST
UPS854	MD11	Phoenix Sky Harbor Intl (KPHX)	02:13AM EST	03:34AM MST
UPS1330	B763	Miami Intl (KMIA)	02:16AM EST	04:11AM EST
UPS940	MD11	Metropolitan Oakland Intl (KOAK)	02:43AM EST	03:49AM PST
UPS896	A306	Denver Intl (KDEN)	02:51AM EST	03:18AM MST
UPS908	MD11	Ontario Intl (KONT)	02:53AM EST	03:30AM PST
UPS986	B763	Boeing Field Intl (KBFI)	02:58AM EST	04:24AM PST
UPS1336	B763	Jacksonville Intl (KJAX)	02:59AM EST	04:17AM EST
WGN794	MD11	Dallas-Fort Worth Intl (KDFW)	03:01AM EST	04:07AM CST
UPS1050	B752	Manchester (KMHT)	03:04AM EST	04:32AM EST
UPS56	B744	Daniel K Inouye Intl (PHNL)	03:07AM EST	06:46AM HST
NCR950	B744	Sacramento Mather (KMHR)	03:15AM EST	04:12AM PST
UPS996	MD11	Portland Intl (KPDX)	03:17AM EST	04:42AM PST
UPS838	A306	Gowen Field (KBOI)	03:22AM EST	05:06AM MST
UPS930	MD11	Ontario Intl (KONT)	03:23AM EST	04:09AM PST
UPS1112	A306	John F Kennedy Intl (KJFK)	03:26AM EST	04:45AM EST
UPS984	B763	Boeing Field Intl (KBFI)	03:29AM EST	05:04AM PST
UPS958	B763	Metropolitan Oakland Intl (KOAK)	03:30AM EST	04:34AM PST
GTI1084	B744	Newark Liberty Intl (KEWR)	03:39AM EST	04:52AM EST
UPS914	A306	Bob Hope (KBUR)	03:47AM EST	04:52AM PST
UPS606	A306	Chicago O'Hare Intl (KORD)	03:47AM EST	03:35AM CST
UPS1008	B752	Boston Logan Intl (KBOS)	03:54AM EST	05:28AM EST
UPS1074	A306	Bradley Intl (KBDL)	03:55AM EST	05:18AM EST
WGN1194	MD11	Philadelphia Intl (KPHL)	03:58AM EST	05:15AM EST
UPS976	A306	Portland Intl (KPDX)	03:59AM EST	05:31AM PST
UPS1144	B763	Buffalo Niagara Intl (KBUF)	04:01AM EST	05:01AM EST
UPS990	A306	Spokane Intl (KGEG)	04:03AM EST	05:10AM PST
UPS904	B763	Los Angeles Intl (KLAX)	04:09AM EST	05:06AM PST
UPS552	MD11	Minneapolis/St Paul Intl (KMSP)	04:10AM EST	04:39AM CST
UPS1230	B752	Richmond Intl (KRIC)	04:12AM EST	05:06AM EST
CKS1196	B744	Philadelphia Intl (KPHL)	04:13AM EST	05:18AM EST
CSB774	B762	Houston Bush Int'ctl (KIAH)	04:15AM EST	05:19AM CST
UPS938	B752	Fresno Yosemite Intl (KFAT)	04:16AM EST	05:25AM PST
UPS916	MD11	Ontario Intl (KONT)	04:18AM EST	04:59AM PST
UPS982	B763	Boeing Field Intl (KBFI)	04:19AM EST	05:53AM PST
UPS874	B763	Albuquerque Intl Sunport (KABQ)	04:22AM EST	05:13AM MST
UPS64	B744	Anchorage Intl (PANC)	04:25AM EST	06:38AM AKST
UPS1110	B752	John F Kennedy Intl (KJFK)	04:26AM EST	05:51AM EST
UPS844	MD11	Salt Lake City Intl (KSLC)	04:27AM EST	05:37AM MST
UPS920	B763	Ontario Intl (KONT)	04:29AM EST	05:24AM PST

UPS892	B752	McCarran Intl (KLAS)	04:33AM EST	05:23AM PST
UPS782	MD11	San Antonio Intl (KSAT)	04:34AM EST	05:56AM CST
IFL1016	FA20	Winnipeg Int'l (CYWG)	04:35AM EST	05:59AM CST
UPS1066	B763	Bradley Intl (KBDL)	04:35AM EST	05:59AM EST
UPS922	B763	San Diego Intl (KSAN)	04:36AM EST	05:32AM PST
UPS312	A306	Queretaro Intercontinental Airport (QRO / MMQT)	04:41AM EST	09:03AM CST
UPS1058	B763	Manchester (KMHT)	04:43AM EST	06:10AM EST
UPS858	MD11	Phoenix Sky Harbor Intl (KPHX)	04:45AM EST	06:07AM MST
IJW209	B722	Laredo Intl (KLRD)	04:49AM EST	06:35AM CST
UPS1152	MD11	Pittsburgh Intl (KPIT)	04:51AM EST	05:33AM EST
UPS596	B752	Billings Logan Intl (KBIL)	04:52AM EST	05:55AM MST
UPS572	B763	Joe Foss Field (KFSD)	04:53AM EST	05:39AM CST
UPS772	A306	Houston Bush Int'ctl (KIAH)	04:55AM EST	05:54AM CST
UPS1346	B752	Fort Lauderdale Intl (KFLL)	04:56AM EST	06:48AM EST
UPS942	B763	Metropolitan Oakland Intl (KOAK)	04:57AM EST	06:10AM PST
CKS1326	B744	Orlando Intl (KMCO)	04:58AM EST	06:23AM EST
UPS960	B763	Sacramento Mather (KMHR)	04:58AM EST	05:59AM PST
N344KD	B744	Miami Intl (KMIA)	05:00AM EST	06:58AM EST
NCR1292	B744	Columbia Metropolitan (KCAE)	05:00AM EST	05:53AM EST
UPS684	A306	Eppley Airfield (KOMA)	05:02AM EST	05:34AM CST

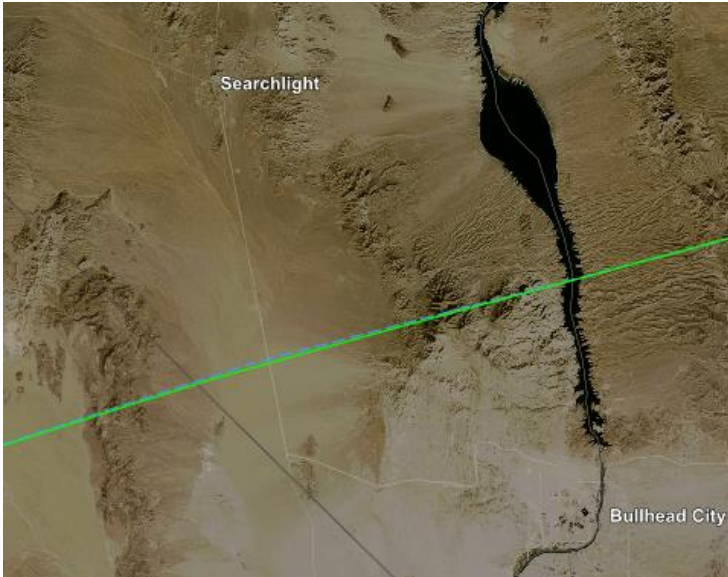
KONT flights marked in red

Other U.S. west coast flights marked w orange background

How do these departures impact the local population? The federal government has invested billions to develop the KSDF airport for UPS, with a system of parallel north-south runways and taxiways. In a south flow, UPS920 followed the track at right; notice the residential loop at the south edge of the photo. Here's a blowup, below:



After completing the right turn, UPS920 flies a long direct route to MARUE, a fix in the desert, south of Searchlight, NV. Here's a satview of the flight track passing MARUE:



MARUE is an entry fix for the problematic EAGLZ One RNAV Arrival. Prior to this RNAV arrival, flights descended while tracking southwest (nominally heading 210) from the Hector VOR to the Paradise VOR. With EAGLZ, FAA effectively shifted that 210 heading a few miles to the west, and arrivals now cross over Lake Arrowhead.



Below is a satview showing fix ARRAN (using the older non-RNAV route, approximated by a golden line), and the EAGLZ RNAV route (approximated with a red line). A route that previously overflew an uninhabited mountain now overflies a high-altitude community.

Makes no sense, too, as this change accomplishes no real efficiency gains or mileage reductions on arrivals from the east.

