

My name is Lisa Forward and I live in El Granada. I moved there 7 years ago and up until a couple of years ago, it was a peaceful and quiet place to live.

Only the usual jet noise was heard but ever since NextGen changes went into effect, we have endured significant noise due to overflights at all hours of the day and night. Flights wake us up around 5:30am-6am (sometimes around midnight or 2:00am) and then continue every 3-5 minutes throughout the day and well into the night. Sometimes there are 3-4 flights in a five-minute period, which is excessive under any circumstances. These flights are often under 10000 feet in elevation and many times are under 6000 ft.

I am having trouble sleeping and must now sleep with a white noise machine to mask the jet noise. I have problems working from home, and feel that this excessive and abusive pattern greatly decreases my reasonable right to quiet enjoyment and quality of life. This must stop!

Like most people, I'm accustomed to periodic jet noise overhead so I want to be clear that I don't expect to eliminate all jet noise. But the current situation is excessive by any standards and I would like to see a solution put into place. I also travel so I also respect and understand the benefits of NextGen. It is my strong belief that the benefits of NextGen can co-exist with a peaceful lifestyle of those on the ground.

Additionally, I'd like to comment that this area is surrounded by acres of National Park Service and State Park land. There are endangered species in this area, as well as protected wildlife areas that are critical to the survival of some of our state's most precious natural resources. The constant noise must surely be affecting the wildlife just as adversely as it is affecting humans in this area. Those wild residents don't have a voice and so I'd like to speak for them as well. Some of what makes our state so special is that we work diligently to protect and preserve our parks and the current NextGen changes make that nearly impossible. It is critical that this problem be solved to preserve what the Bay Area and coastside is known for- great parks and peaceful quietude for all inhabitants.

Please do something to stop this!

Lisa Forward

[lisaforwardmk@gmail.com](mailto:lisaforwardmk@gmail.com)

Here is a sampling of the reports I have made on my stopjetnoise.com app from December 7, 2016 through October 2, 2017. I don't always keep my phone near my bed at night and I don't often work from home or always track so these reports are not complete at all. They are sampling only of what is happening on many days of the week and are not a perfect science. Sometimes I hear a plane and try to report it but the app can't pick it up. There are also breaks of several hours in my tracking. This is not because the planes stopped, it's because I stopped tracking. My reports cover a variety of different days, at different times and are a good snapshot of what it is like to be on the ground. Note that some reports read from bottom up due to report layout. Please also forgive formatting inconsistencies as I have imported these reports from different places on my stopjetnoise app.

**Please note 3 things (some are highlighted in RED)**

## 1. The hours of the day and night (**RED** marks anything after 11p and before 7am)

Example:

### 3 flights after 2am in 13 minutes—one every 4.3 minutes

Time: 2017.04.24 02:03 AM, Loudness:1, Flight: AM663

Time: 2017.04.24 02:06 AM Loudness:1, Flight: CM383

Time: 2017.04.24 02:16 AM Loudness:1, Flight:AM1665

### 4 flights after 12am- one every 8 minutes

Mon, Oct 02, 12:35 AM Flight: WN5877 [SFO-LAS] (B737; speed: 453 knots, altitude: 12491.3367087552 ft, distance: 2 KM)

Mon, Oct 02, 12:15 AM Flight: UA 455 [SFO-LAS] (B738; speed: 429 knots, altitude: 12988.0004524 ft, distance: 2 KM)

Mon, Oct 02, 12:11 AM Flight: AM 663 [SFO-GDL] (B738; speed: 388 knots, altitude: 13699.9633745536 ft, distance: 4 KM)

Mon, Oct 02, 12:02 AM Flight: UA1204 [SFO-IAH] (B739; speed: 381 knots, altitude: 13198.2664240256 ft, distance: 6 KM)

Sat, Jul 22, 12:33 AM Flight: AM 663 [SFO-GDL] (B738; speed: 287 knots, altitude: 9028.2889794464 ft, distance: 2 KM)

Sun, Sep 03, 02:20 AM Flight: CM 383 [SFO-PTY] (B738; speed: 289 knots, altitude: 9628.7987755616 ft, distance: 3 KM)

"Sleep" was disturbed. Volume was "very loud".

## 2. The low elevation (**RED** marks anything under 10000ft)

Example:

Wed, Dec 07, 11:47 PM Flight: UA 712 [IAD-SFO] (B739; speed: 235 knots, altitude: **5850** ft, distance: 2 KM) "Sleep" was disturbed.

Wed, Dec 07, 10:29 PM Flight: WN 485 [PHX-SFO] (B738; speed: 283 knots, altitude: **6850** ft, distance: 1 KM) "Sleep" was disturbed.

Christmas Day- Sun, Dec 25, 06:45 PM Flight: VX 279 [SJD-SFO] (A320; speed: 232 knots, altitude: **5875** ft, distance: 1 KM)

"Meal time" was disturbed. Volume was "very loud". Speedbrakes were heard !

Sun, Dec 25, 06:36 PM Flight: UA 736 [SAN-SFO] (B739; speed: 229 knots, altitude: **5825** ft, distance: 2 KM) "Meal time" was disturbed.

Thu, Aug 17, 09:13 PM Flight: HA 48 [HNL-OAK] (A332; speed: 253 knots, altitude: **5925** ft, distance: 11 KM)

Thu, Aug 17, 08:13 PM Flight: DL2781 [SFO-LAX] (B712; speed: 221 knots, altitude: **4725** ft, distance: 8 KM)

Fri, Sep 22, 01:13 PM Flight: NH 171 [SJC-NRT] (B788; speed: 268 knots, altitude: **5321**.319183970133 ft, distance: 2 KM)

Fri, Sep 22, 10:51 AM Flight: DL4902 [LAX-SFO] (E75L; speed: 267 knots, altitude: **5001**.3074942912 ft, distance: 2 KM)

Sun, Sep 24, 10:01 AM Flight: UA 838 [NRT-SFO] (B77W; speed: 273 knots, altitude: **4705**.041407885867 ft, distance: 1 KM)

I SAW SEVERAL OF THESE PLANES WITH MY OWN EYES AND COULD HAVE REACHED UP AND TOUCHED THEM. THIS IS NOT AN APP MISTAKE.

## 3. The high frequency- marked in **RED** and summarized in **BLUE**. 2 airports are involved so the frequency is extreme by any standards.

Example:

### 12/9/16- 12 flights before 6am- one every 6 minutes

Fri, Dec 09, 06:58 AM Flight: WN4056 [OAK-SAN] (B737; speed: 354 knots, altitude: 15943 ft, distance: 6 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:53 AM Flight: UA 284 [SFO-SAN] (B739; speed: 326 knots, altitude: 11350 ft, distance: 2 KM) "Sleep" was disturbed.

Volume was "very loud".

Fri, Dec 09, 06:48 AM Flight: WN3449 [OAK-ONT] (B737; speed: 368 knots, altitude: 13725 ft, distance: 6 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:45 AM Flight: WN3297 [SFO-LAX] (B733; speed: 240 knots, altitude: 8550 ft, distance: 9 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:36 AM Flight: WN 336 [OAK-SNA] (B737; speed: 387 knots, altitude: 16606 ft, distance: 3 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:34 AM Flight: WN3135 [SFO-SNA] (B737; speed: 359 knots, altitude: 12188 ft, distance: 8 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:32 AM Flight: B6 247 [OAK-LGB] (A320; speed: 365 knots, altitude: 11537 ft, distance: 6 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:23 AM Flight: WN 472 [SFO-PHX] (B737; speed: 343 knots, altitude: 13194 ft, distance: 5 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:12 AM Flight: AA 169 [SFO-LAX] (B738; speed: 341 knots, altitude: 10291 ft, distance: 6 KM) "Sleep" was disturbed.

Fri, Dec 09, 06:07 AM  
was "very loud".

Fri, Dec 09, 05:58 AM

Fri, Dec 09, 05:46 AM

Flight: AA 567 [SFO-PHX] (A321; speed: 292 knots, altitude: 9925 ft, distance: 3 KM) "Sleep" was disturbed. Volume

Flight: WN2513 [OAK-SAN] (B737; speed: 378 knots, altitude: 19203 ft, distance: 4 KM) "Sleep" was disturbed.

Flight: WN3497 [SFO-SAN] (B733; speed: 343 knots, altitude: 14189 ft, distance: 2 KM)

## All other reports

Mon, Dec 12, 11:45 PM

Flight: AM 665 [SFO-MEX] (B738; speed: 332 knots, altitude: 12800 ft, distance: 4 KM) "Sleep" was disturbed.

Thu, Dec 29, 11:02 PM

Flight: FX1800 [HNL-OAK] (MD11; speed: 273 knots, altitude: 7600 ft, distance: 5 KM)

Sun, Jan 22, 11:38 PM

Flight: AS 304 [SFO-PSP] (B739; speed: 346 knots, altitude: 15525 ft, distance: 3 KM) "Sleep" was disturbed.

Sun, Jan 22, 11:41 PM

Flight: WN5408 [SFO-LAS] (B737; speed: 20 knots, altitude: 9925 ft, distance: 7 KM) "Sleep" was disturbed.

Mon, Feb 13, 11:00 PM

was "very loud".

Flight: UA5850 [SFO-MRY] (CRJ2; speed: 287 knots, altitude: 9986 ft, distance: 5 KM) "Sleep" was disturbed. Volume

Mon, Feb 13, 11:50 PM

was "very loud".

Flight: AM 665 [SFO-MEX] (B738; speed: 344 knots, altitude: 11175 ft, distance: 4 KM) "Sleep" was disturbed. Volume

Fri, Feb 17, 11:37 PM

Flight: AA6081 [SFO-LAX] (E75L; speed: 264 knots, altitude: 11075 ft, distance: 1 KM)

Fri, Feb 17, 11:56 PM

was "very loud".

Flight: UA 743 [SFO-LAS] (B738; speed: 355 knots, altitude: 10950 ft, distance: 4 KM) "Sleep" was disturbed. Volume

Sat, Feb 18, 12:17 AM

Volume was "very loud"

Flight: WN 240 [SFO-LAS] (B737; speed: 298 knots, altitude: 11552 ft, distance: 3 KM) "Sleep" was disturbed.

Sat, Feb 18, 12:17 AM

Volume was "very loud".

Flight: DL4927 [SFO-LAX] (E75L; speed: 323 knots, altitude: 14325 ft, distance: 9 KM) "Sleep" was disturbed.

Sat, Feb 18, 12:23 AM

Flight: AA6074 [SFO-LAX] (E75L; speed: 274 knots, altitude: 10300 ft, distance: 7 KM) "Sleep" was disturbed.

Sat, Feb 18, 06:27 AM

Flight: AA 567 [SFO-PHX] (A321; speed: 348 knots, altitude: 11200 ft, distance: 4 KM) "Sleep" was disturbed.

Sat, Feb 18, 06:31 AM

was "very loud".

Flight: AA6039 [SFO-LAX] (E75L; speed: 339 knots, altitude: 11125 ft, distance: 3 KM) "Sleep" was disturbed. Volume

Sat, Feb 18, 06:46 AM

Flight: WN2408 [OAK-SNA] (B737; speed: 326 knots, altitude: 15201 ft, distance: 1 KM) "Sleep" was disturbed.

Sat, Feb 18, 06:58 AM

Flight: WN2161 [OAK-PHX] (B737; speed: 370 knots, altitude: 16075 ft, distance: 7 KM)

Sat, Feb 25, 11:22 PM

was "very loud".

Flight: UA 194 [SFO-SAN] (B738; speed: 183 knots, altitude: 11350 ft, distance: 2 KM) "Sleep" was disturbed. Volume

Wed, Jul 19, 11:40 PM

Flight: UA2398 [SFO-SBA] (A320; speed: 278 knots, altitude: 10406.449162794666 ft, distance: 7 KM)

"Sleep" was disturbed.

Wed, Jul 19, 11:20 PM

Flight: UA2423 [SFO-SAN] (B738; speed: 272 knots, altitude: 10599.702996616534 ft, distance: 3 KM)

"Sleep" was disturbed.

Wed, Jul 19, 11:04 PM

Flight: B6 278 [SFO-FLL] (A321; speed: 290 knots, altitude: 9475.5731346944 ft, distance: 5 KM)

"Sleep" was disturbed.

Fri, Jul 21, 11:48 PM

Flight: VX1916 [SFO-LAS] (A320; speed: 333 knots, altitude: 10676.0727915136 ft, distance: 3 KM)

"Sleep" was disturbed.

Fri, Jul 21, 11:35 PM

Flight: UA1145 [SFO-CUN] (B738; speed: 325 knots, altitude: 10944.9473161216 ft, distance: 9 KM)

"Sleep" was disturbed.

Volume was "very loud".

Sun, Jul 30, 11:54 PM

Flight: UA8223 [SFO-SAN] (B738; speed: 350 knots, altitude: 11052.3568824768 ft, distance: 2 KM)

"Sleep" was disturbed. Volume was "very loud".

Sun, Jul 30, 11:49 PM

Flight: B6 278 [SFO-FLL] (A321; speed: 287 knots, altitude: 8711.1309862528 ft, distance: 2 KM)

"Sleep" was disturbed. Volume was "very loud".

Sun, Jul 30, 10:56 PM Flight: AA2669 [SFO-MIA] (A321; speed: 278 knots, altitude: 6867.730074512 ft, distance: 0 KM)

"Sleep" was disturbed. Volume was "very loud".

Mon, Jul 31, 12:06 AM Flight: UA 257 [SFO-LAX] (B738; speed: 347 knots, altitude: 11461.25587424 ft, distance: 10 KM)

"Sleep" was disturbed.  
Volume was "TOO LOUD".

## 8/4/17

**29 flights – 25 of them from 6am-10:45a- one every 11 minutes but due to fact I didn't track entire time it's more frequent than that. 4 other flights after midnight.**

**This is only what was tracked-note I stopped between 12:38am and 6:25am and after 10:45am and had long breaks during those times while I got ready for work or was working (or trying to).**

Fri, Aug 04, 10:45 AM Flight: UA1958 [SFO-IAH] (B753; speed: 681 knots, altitude: 10149.6094578112 ft, distance: 0 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:42 AM Flight: WN3579 [SFO-LAS] (B737; speed: 319 knots, altitude: 11021.096915712 ft, distance: 1 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:38 AM Flight: AS 264 [SFO-SJD] (B739; speed: 302 knots, altitude: 10791.446300945066 ft, distance: 4 KM)

Fri, Aug 04, 10:29 AM Flight: AA6016 [SFO-LAX] (E75L; speed: 306 knots, altitude: 11266.2408862976 ft, distance: 4 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:20 AM Flight: WN 124 [OAK-PVR] (B737; speed: 298 knots, altitude: 10789.060729232 ft, distance: 8 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:14 AM Flight: AS 222 [SFO-PVR] (B739; speed: 295 knots, altitude: 10435.427491208533 ft, distance: 2 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:03 AM Flight: WN3863 [SFO-SAN] (B737; speed: 278 knots, altitude: 10701.9674206976 ft, distance: 6 KM)

"Work at home" was disturbed.

Fri, Aug 04, 10:01 AM Flight: UA1589 [SFO-BUR] (B738; speed: 305 knots, altitude: 11026.9565771616 ft, distance: 8 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:57 AM Flight: DL2759 [SFO-LAX] (B712; speed: 302 knots, altitude: 7756.682377696 ft, distance: 7 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:54 AM Flight: WN 106 [OAK-SAN] (B737; speed: 320 knots, altitude: 11246.969365952 ft, distance: 7 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:48 AM Flight: WN3821 [SFO-SNA] (B737; speed: 278 knots, altitude: 11847.1889177856 ft, distance: 7 KM)

Fri, Aug 04, 09:44 AM Flight: AA1783 [SFO-PHX] (A321; speed: 260 knots, altitude: 5787.439145696 ft, distance: 11 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:16 AM Flight: WN4141 [SFO-LAX] (B737; speed: 331 knots, altitude: 9975.940243242667 ft, distance: 8 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:07 AM Flight: WN4165 [SFO-PHX] (B737; speed: 257 knots, altitude: 9811.72118696 ft, distance: 10 KM)

"Work at home" was disturbed.

Fri, Aug 04, 09:05 AM Flight: AA6042 [SFO-LAX] (E75L; speed: 301 knots, altitude: 10817.5763965184 ft, distance: 7 KM)

Fri, Aug 04, 07:28 AM Flight: UA 284 [SFO-SAN] (B738; speed: 288 knots, altitude: 10153.583222862933 ft, distance: 2 KM)

"Sleep" was disturbed.

Fri, Aug 04, 06:52 AM Flight: UA2785 [SFO-LAX] (B738; speed: 304 knots, altitude: 16758.1003759424 ft, distance: 4 KM)

"Sleep" was disturbed.

Fri, Aug 04, 06:51 AM Flight: B6 247 [OAK-LGB] (A320; speed: 354 knots, altitude: 14986.124215389867 ft, distance: 3 KM)

"Sleep" was disturbed.

Fri, Aug 04, 06:50 AM Flight: WN2180 [OAK-SAN] (B738; speed: 311 knots, altitude: 14062.4895198368 ft, distance: 6 KM)

"Sleep" was disturbed.

Fri, Aug 04, 06:35 AM Flight: WN1901 [OAK-SNA] (B737; speed: 304 knots, altitude: 11065.650780452266 ft, distance: 4 KM)

"Sleep" was disturbed. Volume was "very loud".

Fri, Aug 04, 06:28 AM Flight: WN1530 [SFO-SNA] (B737; speed: 357 knots, altitude: 12509.4842823616 ft, distance: 3 KM)

Fri, Aug 04, 06:25 AM Flight: AA 649 [SFO-PHX] (A321; speed: 284 knots, altitude: 9987.881438266666 ft, distance: 3 KM)

"Sleep" was disturbed.  
Volume was "very loud".

Fri, Aug 04, 12:38 AM Flight: AM 663 [SFO-GDL] (B738; speed: 312 knots, altitude: 11315.909076293334 ft, distance: 3 KM)

"Sleep" was disturbed.  
Volume was "very loud".

Fri, Aug 04, 12:34 AM Flight: Y4 991 [OAK-MLM] (A320; speed: 302 knots, altitude: 10696.0724886816 ft, distance: 3 KM)

"Sleep" was disturbed.  
Volume was "very loud".

Fri, Aug 04, 12:14 AM Flight: UA1572 [SFO-BUR] (B738; speed: 318 knots, altitude: 9972.9125198976 ft, distance: 2 KM)

"Sleep" was disturbed.  
Volume was "very loud".

Fri, Aug 04, 12:04 AM Flight: AM 665 [SFO-MEX] (B738; speed: 294 knots, altitude: 7703.077299780267 ft, distance: 7 KM)

"Sleep" was disturbed. Speedbrakes were heard !

### 8/15/17- one flight about every 3-7 minutes

Tue, Aug 15, 10:05 PM Flight: UA2111 [SFO-AUS] (A319; speed: 290 knots, altitude: 9638.1756272128 ft, distance: 4 KM)

Tue, Aug 15, 10:03 PM Flight: WN5536 [SFO-BUR] (B737; speed: 47 knots, altitude: 10100 ft, distance: 8 KM)

Tue, Aug 15, 09:30 PM Flight: CM 209 [SFO-PTY] (B738; speed: 304 knots, altitude: 10526.5793342336 ft, distance: 3 KM)

Tue, Aug 15, 06:17 PM Flight: UA 281 [SFO-LAX] (B739; speed: 330 knots, altitude: 11116.7050648 ft, distance: 0 KM)

"Work at home" was disturbed.

Tue, Aug 15, 05:52 PM Flight: VX 910 [SFO-LAS] (A320; speed: 304 knots, altitude: 11394.253742256 ft, distance: 4 KM)

"Work at home" was disturbed.

Tue, Aug 15, 05:49 PM Flight: UA1798 [SFO-SAN] (B739; speed: 342 knots, altitude: 11070.703795950933 ft, distance: 2 KM)

"Work at home" was disturbed.

Tue, Aug 15, 05:35 PM Flight: AA 349 [SFO-DFW] (A321; speed: 288 knots, altitude: 7699.395673908267 ft, distance: 5 KM)

Tue, Aug 15, 07:26 AM Flight: TA 565 [SFO-SAL] (A320; speed: 306 knots, altitude: 9069.971574954667 ft, distance: 2 KM)

### 8/16/17- 11 flights from 11:20-11:59pm- one every 3.5 minutes

Wed, Aug 16, **11:59 PM** Flight: AM 665 [SFO-MEX] (B738; speed: 291 knots, altitude: 9177.069729485867 ft, distance: 5 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:55 PM** Flight: AS 840 [OGG-OAK] (B738; speed: 330 knots, altitude: 9924 ft, distance: 7 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:51 PM** Flight: FX1800 [HNL-OAK] (MD11; speed: 277 knots, altitude: 8817.0379784992 ft, distance: 8 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:48 PM** Flight: UA 412 [SFO-MEX] (B738; speed: 240 knots, altitude: 7956.559389806934 ft, distance: 10 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:46 PM** Flight: F91740 [SFO-MCO] (A319; speed: 279 knots, altitude: 10088.7640172928 ft, distance: 2 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:44 PM** Flight: UA2078 [SFO-MCO] (B739; speed: 370 knots, altitude: 11268.7933477632 ft, distance: 4 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:41 PM** Flight: AS 826 [KOA-OAK] (B739; speed: 280 knots, altitude: 9697.623817621334 ft, distance: 6 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:37 PM** Flight: AS 884 [HNL-OAK] (B738; speed: 309 knots, altitude: 9925 ft, distance: 11 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:33 PM** Flight: UA1704 [SFO-RDU] (B739; speed: 293 knots, altitude: 9034.8010882752 ft, distance: 2 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:29 PM** Flight: UA 748 [SFO-LAX] (B739; speed: 297 knots, altitude: 9926.056523392 ft, distance: 2 KM)

"Sleep" was disturbed.

Wed, Aug 16, **11:20 PM** Flight: UA2398 [SFO-SBA] (A320; speed: 42 knots, altitude: 11625 ft, distance: 2 KM)

"Sleep" was disturbed.

## 8/17/17- 60 flights from 6:06pm-11:39pm - one flight every 5.5 minutes—3 of them under 6000ft

Thu, Aug 17, 11:39 PM Flight: AM 665 [SFO-MEX] (B738; speed: 316 knots, altitude: 10512.168750807466 ft, distance: 0 KM)  
Thu, Aug 17, 11:36 PM Flight: UA 412 [SFO-MEX] (B738; speed: 278 knots, altitude: 9266.496120021333 ft, distance: 2 KM)  
Thu, Aug 17, 11:32 PM Flight: UA1704 [SFO-RDU] (B739; speed: 285 knots, altitude: 6817.4879393856 ft, distance: 8 KM)  
Thu, Aug 17, 11:26 PM Flight: AS 884 [HNL-OAK] (B738; speed: 271 knots, altitude: 7217.824828352 ft, distance: 12 KM)  
Thu, Aug 17, 11:11 PM Flight: UA1152 [SFO-ATL] (A320; speed: 339 knots, altitude: 7121.752576174933 ft, distance: 7 KM)  
Thu, Aug 17, 11:10 PM Flight: UA5092 [SFO-SBP] (CRJ2; speed: 313 knots, altitude: 13248.988448128 ft, distance: 10 KM)  
Thu, Aug 17, 10:49 PM Flight: VX1916 [SFO-LAS] (A320; speed: 367 knots, altitude: 14416.8447354112 ft, distance: 10 KM)  
Thu, Aug 17, 10:45 PM Flight: UA2819 [SFO-LAX] (B789; speed: 383 knots, altitude: 14075.494875456 ft, distance: 2 KM)  
Thu, Aug 17, 10:28 PM Flight: WN1765 [SFO-PHX] (B737; speed: 292 knots, altitude: 9707.933353674667 ft, distance: 8 KM)  
Thu, Aug 17, 10:02 PM Flight: AS 308 [SFO-PSP] (B739; speed: 334 knots, altitude: 11164.411724032 ft, distance: 4 KM)  
Thu, Aug 17, 10:00 PM Flight: UA2399 [SFO-LAS] (B739; speed: 345 knots, altitude: 11276.318582832 ft, distance: 7 KM)  
Thu, Aug 17, 09:55 PM Flight: UA1559 [SFO-SAN] (B739; speed: 332 knots, altitude: 10951.869566965333 ft, distance: 2 KM)  
Thu, Aug 17, 09:32 PM Flight: WN 682 [OAK-BUR] (B737; speed: 351 knots, altitude: 12433.180967072 ft, distance: 3 KM)  
Thu, Aug 17, 09:25 PM Flight: WN1186 [SFO-LAS] (B737; speed: 370 knots, altitude: 10999.478591136 ft, distance: 8 KM)  
Thu, Aug 17, 09:23 PM Flight: CM 209 [SFO-PTY] (B738; speed: 293 knots, altitude: 8430.835264938667 ft, distance: 0 KM)Volume was "very loud". Speedbrakes were heard !  
Thu, Aug 17, 09:16 PM Flight: WN1668 [OAK-SNA] (B737; speed: 374 knots, altitude: 14902.342160213333 ft, distance: 6 KM)  
Thu, Aug 17, 09:14 PM Flight: VX 948 [SFO-LAX] (A320; speed: 293 knots, altitude: 8151.3698125408 ft, distance: 3 KM)  
Thu, Aug 17, 09:13 PM Flight: HA 48 [HNL-OAK] (A332; speed: 253 knots, altitude: 5925 ft, distance: 11 KM)  
Thu, Aug 17, 09:10 PM Flight: AA6007 [SFO-LAX] (E75L; speed: 331 knots, altitude: 11704.381704317866 ft, distance: 3 KM)  
Thu, Aug 17, 09:04 PM Flight: WN6359 [SFO-SAN] (B737; speed: 377 knots, altitude: 12071.6964806912 ft, distance: 2 KM)  
Thu, Aug 17, 08:43 PM Flight: UA1572 [SFO-BUR] (B738; speed: 360 knots, altitude: 13330.109404816 ft, distance: 7 KM)  
Thu, Aug 17, 08:25 PM Flight: UA 217 [SFO-SAN] (B739; speed: 295 knots, altitude: 8724.360544098134 ft, distance: 6 KM)  
Thu, Aug 17, 08:22 PM Flight: WN1109 [OAK-ONT] (B737; speed: 257 knots, altitude: 12347.52623488 ft, distance: 7 KM)  
Thu, Aug 17, 08:20 PM Flight: WN5903 [OAK-SNA] (B737; speed: 368 knots, altitude: 14338.660097296 ft, distance: 2 KM)  
Thu, Aug 17, 08:17 PM Flight: VX 920 [SFO-LAS] (A320; speed: 274 knots, altitude: 10326.482798190933 ft, distance: 5 KM)  
Thu, Aug 17, 08:16 PM Flight: WN5483 [OAK-BUR] (B737; speed: 349 knots, altitude: 13182.5926429504 ft, distance: 6 KM)  
Thu, Aug 17, 08:13 PM Flight: DL2781 [SFO-LAX] (B712; speed: 221 knots, altitude: 4725 ft, distance: 8 KM)  
Thu, Aug 17, 08:11 PM Flight: WN 250 [SFO-SNA] (B737; speed: 359 knots, altitude: 11144.9797999616 ft, distance: 4 KM)  
Thu, Aug 17, 08:07 PM Flight: UA5087 [SFO-ONT] (CRJ2; speed: 263 knots, altitude: 8875 ft, distance: 6 KM)  
Thu, Aug 17, 08:06 PM Flight: WN1646 [OAK-LGB] (B737; speed: 380 knots, altitude: 16122.052755306666 ft, distance: 5 KM)  
Thu, Aug 17, 08:05 PM Flight: UA1715 [SFO-LAS] (B738; speed: 337 knots, altitude: 10005.204331508266 ft, distance: 2 KM)Volume was "very loud". Speedbrakes were heard !  
Thu, Aug 17, 08:03 PM Flight: VX 942 [SFO-LAX] (A320; speed: 311 knots, altitude: 10664.2621408448 ft, distance: 5 KM)  
Thu, Aug 17, 08:01 PM Flight: UA5467 [SFO-ABQ] (CRJ7; speed: 284 knots, altitude: 9730.265821787732 ft, distance: 6 KM)  
Thu, Aug 17, 07:45 PM Flight: WN1679 [OAK-SNA] (B737; speed: 309 knots, altitude: 11646.299345489067 ft, distance: 8 KM)  
Thu, Aug 17, 07:44 PM Flight: AA6018 [SFO-LAX] (E75L; speed: 303 knots, altitude: 10655.4213825152 ft, distance: 4 KM)  
Thu, Aug 17, 07:41 PM Flight: WN6173 [OAK-LAS] (B737; speed: 344 knots, altitude: 14652.1083896704 ft, distance: 3 KM)  
Thu, Aug 17, 07:40 PM Flight: WN5969 [OAK-ONT] (B737; speed: 380 knots, altitude: 16912.785818615466 ft, distance: 5 KM)  
Thu, Aug 17, 07:39 PM Flight: VX 918 [SFO-LAS] (A320; speed: 290 knots, altitude: 5888.375608161066 ft, distance: 4 KM)  
Thu, Aug 17, 07:34 PM Flight: WN6294 [OAK-LGB] (B737; speed: 311 knots, altitude: 12399.2973115392 ft, distance: 6 KM)  
Thu, Aug 17, 07:33 PM Flight: UA2428 [SFO-PHX] (B739; speed: 331 knots, altitude: 9058.48103944 ft, distance: 5 KM)  
Thu, Aug 17, 07:30 PM Flight: B6 188 [SFO-LAS] (A320; speed: 289 knots, altitude: 8485.778786564266 ft, distance: 8 KM)  
Thu, Aug 17, 07:26 PM Flight: AA 514 [OAK-PHX] (A319; speed: 358 knots, altitude: 12083.173860654933 ft, distance: 6 KM)  
Thu, Aug 17, 07:20 PM Flight: DL5724 [OAK-LAX] (E75L; speed: 314 knots, altitude: 11152.0983794144 ft, distance: 5 KM)  
Thu, Aug 17, 07:18 PM Flight: UA 917 [SFO-SAN] (A319; speed: 304 knots, altitude: 11491.843340810667 ft, distance: 7 KM)  
Thu, Aug 17, 07:16 PM Flight: UA 816 [SFO-LAX] (B738; speed: 353 knots, altitude: 12705.898120597334 ft, distance: 2 KM)  
Thu, Aug 17, 07:13 PM Flight: VX 938 [SFO-LAX] (A320; speed: 306 knots, altitude: 10314.563986784 ft, distance: 2 KM)  
Thu, Aug 17, 07:12 PM Flight: UA5031 [SFO-SBP] (CRJ2; speed: 436 knots, altitude: 10400 ft, distance: 6 KM)  
Thu, Aug 17, 06:08 PM Flight: VX 936 [SFO-LAX] (A320; speed: 315 knots, altitude: 10463.79625616 ft, distance: 2 KM)  
Thu, Aug 17, 06:06 PM Flight: UA 525 [SFO-LAX] (B738; speed: 304 knots, altitude: 11272.5528304768 ft, distance: 2 KM)  
Thu, Aug 17, 09:11 AM Flight: VX 902 [SFO-LAS] (A320; speed: 293 knots, altitude: 9233.497562171733 ft, distance: 4 KM)"Work at home" was disturbed.  
Thu, Aug 17, 08:40 AM Flight: UA5495 [SFO-PHX] (E75L; speed: 304 knots, altitude: 11338.9778596768 ft, distance: 6 KM)"Work at home" was disturbed.  
Thu, Aug 17, 08:37 AM Flight: WN6112 [SFO-SAN] (B737; speed: 348 knots, altitude: 9407.5661207936 ft, distance: 5 KM)"Work at home" was disturbed.

## Frequency for 9/15/17- 20 flights over 106 minutes- one every 5.3 minutes

Fri, Sep 15, 11:33 PM	Flight: UA5027 [SFO-ONT] (CRJ2; speed: 343 knots, altitude: 10818.780947463467 ft, distance: 5 KM)
Fri, Sep 15, 11:25 PM	Flight: UA 455 [SFO-LAS] (B738; speed: 391 knots, altitude: 11647.9715112704 ft, distance: 9 KM)
Fri, Sep 15, 11:24 PM	Flight: UA2423 [SFO-SAN] (B738; speed: 387 knots, altitude: 13004.648487021866 ft, distance: 9 KM)
Fri, Sep 15, 11:08 AM	Flight: UA1919 [SFO-PSP] (B738; speed: 411 knots, altitude: 12600.616556107734 ft, distance: 2 KM)
Fri, Sep 15, 10:37 AM	Flight: WN6137 [SFO-SAN] (B737; speed: 337 knots, altitude: 13843.8831853504 ft, distance: 3 KM)
Fri, Sep 15, 10:32 AM	Flight: VX1751 [SFO-SAN] (A320; speed: 368 knots, altitude: 11553.429480746667 ft, distance: 1 KM)
Fri, Sep 15, 10:29 AM	Flight: WN1974 [OAK-SAN] (B737; speed: 328 knots, altitude: 11032.474643185067 ft, distance: 7 KM)
Fri, Sep 15, 10:23 AM	Flight: VX1946 [SFO-LAX] (A320; speed: 314 knots, altitude: 12829.388541474133 ft, distance: 5 KM)
Fri, Sep 15, 10:13 AM	Flight: DL5702 [OAK-LAX] (E75L; speed: 305 knots, altitude: 10504.344226970667 ft, distance: 8 KM)
Fri, Sep 15, 10:11 AM	Flight: WN1691 [OAK-LAX] (B737; speed: 378 knots, altitude: 14254.262418372267 ft, distance: 2 KM)
Fri, Sep 15, 10:10 AM	Flight: DL2957 [SFO-LAX] (B712; speed: 352 knots, altitude: 8086.89863512 ft, distance: 7 KM)
Fri, Sep 15, 10:08 AM	Flight: UA5279 [SFO-BUR] (E75L; speed: 345 knots, altitude: 11398.5959832 ft, distance: 5 KM)
Fri, Sep 15, 10:06 AM	Flight: WN1241 [OAK-PHX] (B737; speed: 315 knots, altitude: 13188.656559372801 ft, distance: 9 KM)
Fri, Sep 15, 10:03 AM	Flight: UA 814 [SFO-LAX] (B739; speed: 311 knots, altitude: 10341.518573275733 ft, distance: 3 KM)
Fri, Sep 15, 09:58 AM	Flight: UA5802 [SFO-TUS] (E75L; speed: 343 knots, altitude: 11659.286758466133 ft, distance: 9 KM)
Fri, Sep 15, 09:50 AM	Flight: WN5780 [OAK-LGB] (B737; speed: 388 knots, altitude: 14352.8163988832 ft, distance: 5 KM)
Fri, Sep 15, 09:49 AM	Flight: AS3372 [SFO-SNA] (E75L; speed: 322 knots, altitude: 11107.7632884736 ft, distance: 3 KM)
Fri, Sep 15, 09:47 AM	Flight: AS 222 [SFO-PVR] (B739; speed: 323 knots, altitude: 10548.573282893867 ft, distance: 4 KM)

## Sept 18- 27 flights over 104 minutes or one every 3 minutes

Mon, Sep 18, 11:10 AM	Flight: UA5334 [SFO-SAT] (E75L; speed: 326 knots, altitude: 10968.59807144 ft, distance: 4 KM)
Mon, Sep 18, 10:41 AM	Flight: Y4 927 [SFO-MEX] (A320; speed: 359 knots, altitude: 11621.9415491136 ft, distance: 5 KM)
Mon, Sep 18, 10:40 AM	Flight: WN1691 [OAK-LAX] (B737; speed: 307 knots, altitude: 11781.1198206464 ft, distance: 7 KM)
Mon, Sep 18, 10:38 AM	Flight: WN6358 [SFO-LAX] (B737; speed: 318 knots, altitude: 11947.67123616 ft, distance: 7 KM)
Mon, Sep 18, 10:31 AM	Flight: VX1946 [SFO-LAX] (A320; speed: 327 knots, altitude: 10912.110574865066 ft, distance: 2 KM)
Mon, Sep 18, 10:28 AM	Flight: WN6144 [OAK-BUR] (B737; speed: 368 knots, altitude: 19046.632996552533 ft, distance: 5 KM)
Mon, Sep 18, 10:23 AM	Flight: AA 159 [SFO-DFW] (A321; speed: 334 knots, altitude: 10736.29955008 ft, distance: 6 KM)
Mon, Sep 18, 10:07 AM	Flight: VX1751 [SFO-SAN] (A320; speed: 330 knots, altitude: 11332.331528746667 ft, distance: 3 KM)
Mon, Sep 18, 10:00 AM	Flight: UA5802 [SFO-TUS] (E75L; speed: 337 knots, altitude: 12285.7184776832 ft, distance: 7 KM)
Mon, Sep 18, 09:59 AM	Flight: WN5780 [OAK-LGB] (B737; speed: 297 knots, altitude: 12338.602290688 ft, distance: 10 KM)
Mon, Sep 18, 09:56 AM	Flight: UA 814 [SFO-LAX] (B739; speed: 287 knots, altitude: 9307.238213751467 ft, distance: 5 KM)
Mon, Sep 18, 09:54 AM	Flight: AS3372 [SFO-SNA] (E75L; speed: 308 knots, altitude: 10948.4831118368 ft, distance: 4 KM)
Mon, Sep 18, 09:39 AM	Flight: WN1604 [SFO-LAS] (B737; speed: 260 knots, altitude: 12434.746148389333 ft, distance: 5 KM)
Mon, Sep 18, 09:36 AM	Flight: B61235 [SFO-LGB] (A320; speed: 272 knots, altitude: 11591.7953881088 ft, distance: 5 KM)
Mon, Sep 18, 09:35 AM	Flight: WN1897 [OAK-ONT] (B737; speed: 360 knots, altitude: 14063.204460341334 ft, distance: 3 KM)
Mon, Sep 18, 09:33 AM	Flight: VX1902 [SFO-LAS] (A320; speed: 322 knots, altitude: 10664.1171961856 ft, distance: 4 KM)
Mon, Sep 18, 09:24 AM	Flight: UA5579 [SFO-SBA] (E75L; speed: 304 knots, altitude: 10842.910340032 ft, distance: 4 KM)
Mon, Sep 18, 09:12 AM	Flight: UA1203 [SFO-SAN] (A319; speed: 260 knots, altitude: 12746.8830950784 ft, distance: 8 KM)
Mon, Sep 18, 08:54 AM	Flight: NK 504 [OAK-LAX] (A319; speed: 330 knots, altitude: 15218.657402368 ft, distance: 3 KM)
Mon, Sep 18, 08:45 AM	Flight: UA1038 [SFO-LAS] (B738; speed: 320 knots, altitude: 11867.2386651072 ft, distance: 3 KM)
Mon, Sep 18, 08:38 AM	Flight: UA5495 [SFO-PHX] (E75L; speed: 310 knots, altitude: 11698.1190799488 ft, distance: 1 KM)
Mon, Sep 18, 08:36 AM	Flight: WN6112 [SFO-SAN] (B737; speed: 303 knots, altitude: 12053.3303398912 ft, distance: 3 KM)
Mon, Sep 18, 07:43 AM	Flight: WN6160 [OAK-SNA] (B737; speed: 354 knots, altitude: 10367.089969979734 ft, distance: 5 KM)
Mon, Sep 18, 07:38 AM	Flight: WN1201 [SFO-LAX] (B737; speed: 547 knots, altitude: 20986.875638602665 ft, distance: 2 KM)
Mon, Sep 18, 07:32 AM	Flight: VX1340 [SFO-FLL] (A320; speed: 352 knots, altitude: 11826.619854657067 ft, distance: 1 KM)
Mon, Sep 18, 07:29 AM	Flight: VX1950 [SFO-SAN] (A319; speed: 373 knots, altitude: 10062.425442084266 ft, distance: 2 KM)
Mon, Sep 18, 07:26 AM	Flight: TA 565 [SFO-SAL] (A320; speed: 270 knots, altitude: 9034.7112818048 ft, distance: 3 KM)

## Sept 23- 10 flights over 59 minutes- one every 6 minutes

Sat, Sep 23, 10:47 AM	Flight: WN2828 [SFO-LAX] (B737; speed: 413 knots, altitude: 12835.121874158933 ft, distance: 7 KM)
Sat, Sep 23, 10:14 AM	Flight: AA6016 [SFO-LAX] (E75L; speed: 385 knots, altitude: 13653.926822912 ft, distance: 9 KM)
Sat, Sep 23, 10:08 AM	Flight: VX1946 [SFO-LAX] (A320; speed: 344 knots, altitude: 11017.393750397867 ft, distance: 3 KM)
Sat, Sep 23, 10:07 AM	Flight: AS 240 [SFO-MEX] (B738; speed: 332 knots, altitude: 11556.00356608 ft, distance: 5 KM)
Sat, Sep 23, 10:05 AM	Flight: UA5802 [SFO-TUS] (E75L; speed: 380 knots, altitude: 14398.696735076266 ft, distance: 9 KM)
Sat, Sep 23, 10:03 AM	Flight: AA2298 [SFO-DFW] (A321; speed: 367 knots, altitude: 11292.004978410667 ft, distance: 6 KM)
Sat, Sep 23, 09:58 AM	Flight: WN6040 [OAK-SNA] (B737; speed: 384 knots, altitude: 14239.529459216 ft, distance: 8 KM)
Sat, Sep 23, 09:54 AM	Flight: VX1902 [SFO-LAS] (A320; speed: 366 knots, altitude: 11194.988230653868 ft, distance: 5 KM)
Sat, Sep 23, 09:51 AM	Flight: UA1212 [SFO-PVR] (B739; speed: 309 knots, altitude: 8983.294825240533 ft, distance: 4 KM)
Sat, Sep 23, 09:48 AM	Flight: UA 814 [SFO-LAX] (B739; speed: 383 knots, altitude: 11398.8909114624 ft, distance: 6 KM)

## Sept 23 –later in day- one every 5minutes

Sat, Sep 23, 01:48 PM Flight: UA5091 [SFO-SBP] (CRJ2; speed: 316 knots, altitude: 10962.345380804267 ft, distance: 4 KM)  
Sat, Sep 23, 01:31 PM Flight: AA1641 [SFO-DFW] (A321; speed: 308 knots, altitude: 8933.7297582592 ft, distance: 4 KM)  
Sat, Sep 23, 01:30 PM Flight: VX1940 [SFO-LAX] (A319; speed: 390 knots, altitude: 14139.7843887264 ft, distance: 7 KM)  
Sat, Sep 23, 01:25 PM Flight: AA 931 [SFO-MIA] (A321; speed: 295 knots, altitude: 7238.0910968576 ft, distance: 5 KM)  
Sat, Sep 23, 01:23 PM Flight: UA5492 [SFO-SNA] (E75L; speed: 316 knots, altitude: 9648.720713866667 ft, distance: 3 KM)  
Sat, Sep 23, 01:15 PM Flight: UA 292 [SFO-MCO] (B738; speed: 287 knots, altitude: 9335.110147714133 ft, distance: 4 KM)

## Sept 24- 8 flights over 46 minutes - one every 5 minutes

Sun, Sep 24, 09:24 PM Flight: CM 209 [SFO-PTY] (B738; speed: 308 knots, altitude: 9942.7498833408 ft, distance: 0 KM)  
Sun, Sep 24, 09:15 PM Flight: UA 507 [SFO-SNA] (B738; speed: 302 knots, altitude: 10311.7064500608 ft, distance: 3 KM)  
Sun, Sep 24, 09:13 PM Flight: WN5536 [SFO-BUR] (B737; speed: 412 knots, altitude: 13415.5906485184 ft, distance: 3 KM)  
Sun, Sep 24, 09:04 PM Flight: VX1260 [SFO-LAS] (A320; speed: 353 knots, altitude: 10948.2589902976 ft, distance: 4 KM)  
Sun, Sep 24, 09:00 PM Flight: WN4746 [OAK-SNA] (B737; speed: 361 knots, altitude: 12742.593336096 ft, distance: 6 KM)  
Sun, Sep 24, 08:56 PM Flight: WN4635 [OAK-BUR] (B737; speed: 343 knots, altitude: 12493.020607029333 ft, distance: 6 KM)  
Sun, Sep 24, 08:54 PM Flight: WN1624 [SFO-LAX] (B737; speed: 299 knots, altitude: 11497.385992650667 ft, distance: 3 KM)  
Sun, Sep 24, 08:38 PM Flight: UA 681 [SFO-LAS] (B739; speed: 316 knots, altitude: 10288.8475932672 ft, distance: 4 KM)

## Later in day- 21 flights over 70 minutes -one every 3 minutes

Sun, Sep 24, 11:53 AM Flight: WN4400 [SFO-LAX] (B737; speed: 346 knots, altitude: 11965.555127146667 ft, distance: 4 KM)  
Sun, Sep 24, 11:51 AM Flight: WN 828 [SFO-PHX] (B738; speed: 314 knots, altitude: 9781.98298576 ft, distance: 12 KM)  
Sun, Sep 24, 11:50 AM Flight: WN4373 [OAK-PHX] (B737; speed: 383 knots, altitude: 15032.904301066666 ft, distance: 6 KM)  
Sun, Sep 24, 11:49 AM Flight: AA6044 [SFO-LAX] (E75L; speed: 374 knots, altitude: 12855.476864288 ft, distance: 8 KM)  
Sun, Sep 24, 11:45 AM Flight: UA 97 [SFO-IAH] (B788; speed: 395 knots, altitude: 12018.422155319467 ft, distance: 2 KM)  
Sun, Sep 24, 11:38 AM Flight: UA5613 [SFO-BFL] (CRJ7; speed: 377 knots, altitude: 11761.065901936 ft, distance: 1 KM)  
Sun, Sep 24, 11:31 AM Flight: WN3201 [OAK-ONT] (B737; speed: 405 knots, altitude: 11154.0153764352 ft, distance: 9 KM)  
Sun, Sep 24, 11:29 AM Flight: WN3750 [OAK-LAS] (B738; speed: 387 knots, altitude: 12555.312708264533 ft, distance: 6 KM)  
Sun, Sep 24, 11:06 AM Flight: WN3983 [SFO-BUR] (B737; speed: 409 knots, altitude: 13608.570939816533 ft, distance: 5 KM)  
Sun, Sep 24, 11:01 AM Flight: UA 631 [SFO-SNA] (B738; speed: 381 knots, altitude: 12180.628884100266 ft, distance: 8 KM)  
Sun, Sep 24, 10:59 AM Flight: B61435 [SFO-LGB] (A320; speed: 419 knots, altitude: 12656.315363214933 ft, distance: 6 KM)  
Sun, Sep 24, 10:57 AM Flight: UA5133 [SFO-ONT] (CRJ2; speed: 359 knots, altitude: 13388.813678910934 ft, distance: 9 KM)  
Sun, Sep 24, 10:39 AM Flight: WN3233 [SFO-LAX] (B737; speed: 323 knots, altitude: 10537.037153392 ft, distance: 10 KM)  
Sun, Sep 24, 10:33 AM Flight: WN4315 [SFO-PHX] (B737; speed: 206 knots, altitude: 13500 ft, distance: 3 KM)  
Sun, Sep 24, 10:30 AM Flight: WN4675 [SFO-SNA] (B737; speed: 296 knots, altitude: 10258.828302427733 ft, distance: 4 KM)  
Sun, Sep 24, 10:18 AM Flight: AA 159 [SFO-DFW] (A321; speed: 298 knots, altitude: 8753.413624576 ft, distance: 9 KM)  
Sun, Sep 24, 10:17 AM Flight: WN4113 [OAK-BUR] (B737; speed: 400 knots, altitude: 14073.4652421504 ft, distance: 5 KM)  
Sun, Sep 24, 10:07 AM Flight: VX1946 [SFO-LAX] (A320; speed: 343 knots, altitude: 10907.020067598933 ft, distance: 3 KM)  
Sun, Sep 24, 10:01 AM Flight: UA 838 [NRT-SFO] (B77W; speed: 273 knots, altitude: 4705.041407885867 ft, distance: 1 KM)  
**NOTE THE ALTITUDE-I SAW THIS PLANE WITH MY OWN EYES AND COULD HAVE REACHED UP AND TOUCHED IT. THIS IS NOT AN APP MISTAKE.**  
Sun, Sep 24, 09:45 AM Flight: AS3372 [SFO-SNA] (E75L; speed: 361 knots, altitude: 13084.6143848 ft, distance: 7 KM)  
Sun, Sep 24, 09:43 AM Flight: AS 222 [SFO-PVR] (B739; speed: 321 knots, altitude: 9985.8906563328 ft, distance: 3 KM)

## Oct 1 -57 flights over 210 minutes- one every 3 minutes

Sun, Oct 01, 03:26 PM Flight: WN3531 [SFO-LAX] (B737; speed: 334 knots, altitude: 11538.670208315732 ft, distance: 5 KM)  
Sun, Oct 01, 03:25 PM Flight: UA 943 [SFO-LAS] (B738; speed: 353 knots, altitude: 10857.4241770368 ft, distance: 5 KM)  
Sun, Oct 01, 03:23 PM Flight: WN6380 [SFO-PHX] (B737; speed: 409 knots, altitude: 16921.099508833067 ft, distance: 10 KM)  
Sun, Oct 01, 03:04 PM Flight: WN5537 [OAK-LAX] (B737; speed: 377 knots, altitude: 13145.187739506133 ft, distance: 9 KM)  
Sun, Oct 01, 02:21 PM Flight: VX1906 [SFO-LAS] (A320; speed: 390 knots, altitude: 11345.1784287872 ft, distance: 9 KM)  
Sun, Oct 01, 02:18 PM Flight: AM 669 [SFO-MEX] (B738; speed: 317 knots, altitude: 7935.517135722666 ft, distance: 8 KM)  
Volume was "very loud".  
Sun, Oct 01, 02:16 PM Flight: WN3269 [OAK-PHX] (B737; speed: 412 knots, altitude: 15939.102073860267 ft, distance: 6 KM)  
Volume was "very loud".  
Sun, Oct 01, 02:14 PM Flight: VX1908 [SFO-LAS] (A320; speed: 343 knots, altitude: 10651.7190776064 ft, distance: 5 KM)  
Sun, Oct 01, 02:02 PM Flight: UA 207 [SFO-LAX] (B739; speed: 335 knots, altitude: 11665.759576322132 ft, distance: 9 KM)  
Sun, Oct 01, 01:55 PM Flight: UA1419 [SFO-BUR] (A319; speed: 380 knots, altitude: 11817.962417365334 ft, distance: 4 KM)  
Sun, Oct 01, 01:35 PM Flight: WN4385 [SFO-LAX] (B737; speed: 316 knots, altitude: 10800 ft, distance: 7 KM)  
Sun, Oct 01, 01:31 PM Flight: AA6017 [SFO-LAX] (E75L; speed: 351 knots, altitude: 10561.597606082134 ft, distance: 5 KM)  
Sun, Oct 01, 01:14 PM Flight: B6 447 [OAK-LGB] (A320; speed: 393 knots, altitude: 13269.933139936 ft, distance: 6 KM)  
Sun, Oct 01, 01:09 PM Flight: DL4981 [SFO-LAX] (E75L; speed: 339 knots, altitude: 12778.758355451733 ft, distance: 8 KM)  
Sun, Oct 01, 01:07 PM Flight: UA1615 [SFO-IAH] (B738; speed: 317 knots, altitude: 9364.6099032064 ft, distance: 4 KM)  
Sun, Oct 01, 01:05 PM Flight: WN4716 [SFO-SAN] (B737; speed: 40 knots, altitude: 9575 ft, distance: 6 KM)



Sun, Oct 01, 12:41 PM Flight: VX1926 [SFO-LAX] (A320; speed: 395 knots, altitude: 11644.664282862934 ft, distance: 5 KM)  
 Sun, Oct 01, 12:33 PM Flight: AA 424 [SFO-PHX] (A320; speed: 352 knots, altitude: 11157.983140784 ft, distance: 2 KM)  
 Sun, Oct 01, 11:51 AM Flight: AA6044 [SFO-LAX] (E75L; speed: 375 knots, altitude: 11347.8226308096 ft, distance: 7 KM)  
 Sun, Oct 01, 11:40 AM Flight: UA1651 [SFO-LAX] (B739; speed: 358 knots, altitude: 11751.636962378667 ft, distance: 10 KM)  
 Volume was "very loud".  
 Sun, Oct 01, 11:28 AM Flight: WN6389 [OAK-BUR] (B737; speed: 324 knots, altitude: 12745.749821664 ft, distance: 10 KM)  
 Sun, Oct 01, 11:13 AM Flight: DL4813 [SFO-LAX] (E75L; speed: 374 knots, altitude: 13445.9267167616 ft, distance: 9 KM)  
 Volume was "very loud".  
 Sun, Oct 01, 11:08 AM Flight: UA1900 [SFO-SAN] (A320; speed: 312 knots, altitude: 11676.7139803456 ft, distance: 6 KM)  
 Sun, Oct 01, 11:06 AM Flight: WN3759 [SFO-BUR] (B737; speed: 360 knots, altitude: 12073.9198753504 ft, distance: 1 KM)  
 Sun, Oct 01, 11:03 AM Flight: UA 358 [SFO-LAS] (B739; speed: 406 knots, altitude: 12223.300600064 ft, distance: 9 KM)  
 Volume was "very loud".  
 Sun, Oct 01, 10:59 AM Flight: UA5133 [SFO-ONT] (CRJ2; speed: 310 knots, altitude: 9691.2620302976 ft, distance: 4 KM)  
 Sun, Oct 01, 10:51 AM Flight: UA1919 [SFO-PSP] (A319; speed: 300 knots, altitude: 8915.637185104 ft, distance: 9 KM)

Sun, Oct 01, 12:45 AM Flight: AM 663 [SFO-GDL] (B738; speed: 346 knots, altitude: 10025 ft, distance: 1 KM)  
 Sun, Oct 01, 12:35 AM Flight: Y4 991 [OAK-MLM] (A320; speed: 377 knots, altitude: 13116.6115205632 ft, distance: 8 KM)  
 Mon, Oct 02, 11:32 PM Flight: UA2423 [SFO-SAN] (B738; speed: 301 knots, altitude: 11365.7466789248 ft, distance: 3 KM)

## Oct 2- 26 flights over 102 minutes - one every 4 minutes

Mon, Oct 02, 11:13 AM Flight: UA1900 [SFO-SAN] (B738; speed: 390 knots, altitude: 15776.9806711424 ft, distance: 9 KM)  
 Mon, Oct 02, 11:09 AM Flight: DL4813 [SFO-LAX] (E75L; speed: 357 knots, altitude: 12529.4617661376 ft, distance: 5 KM)  
 Mon, Oct 02, 10:56 AM Flight: UA5133 [SFO-ONT] (CRJ2; speed: 363 knots, altitude: 11264.846300928 ft, distance: 2 KM)  
 Mon, Oct 02, 10:54 AM Flight: UA5802 [SFO-TUS] (E75L; speed: 389 knots, altitude: 14842.004302362666 ft, distance: 9 KM)  
 Mon, Oct 02, 10:51 AM Flight: WN4999 [SFO-LAX] (B737; speed: 356 knots, altitude: 13172.303515008 ft, distance: 7 KM)  
 Mon, Oct 02, 10:36 AM Flight: HA 41 [SFO-OGG] (A332; speed: 363 knots, altitude: 11644.295507349334 ft, distance: 11 KM)  
 Mon, Oct 02, 10:29 AM Flight: UA 256 [SFO-LAX] (B739; speed: 367 knots, altitude: 11705.609505700266 ft, distance: 7 KM)  
 Mon, Oct 02, 10:25 AM Flight: AA6016 [SFO-LAX] (E75L; speed: 313 knots, altitude: 9923.485485489067 ft, distance: 9 KM)  
 Mon, Oct 02, 10:09 AM Flight: AS 240 [SFO-MEX] (B738; speed: 231 knots, altitude: 11942.920397201067 ft, distance: 7 KM)  
 Mon, Oct 02, 10:02 AM Flight: WN6004 [OAK-SNA] (B737; speed: 376 knots, altitude: 12458.751607189333 ft, distance: 6 KM)  
 Mon, Oct 02, 09:52 AM Flight: AS3372 [SFO-SNA] (E75L; speed: 354 knots, altitude: 11235.053473109334 ft, distance: 3 KM)  
 Mon, Oct 02, 09:39 AM Flight: UA 814 [SFO-LAX] (B739; speed: 378 knots, altitude: 12992.8080097792 ft, distance: 6 KM)  
 Mon, Oct 02, 09:31 AM Flight: AA1790 [SFO-PHX] (A321; speed: 327 knots, altitude: 11263.681832544 ft, distance: 3 KM)  
 Mon, Oct 02, 09:30 AM Flight: UA5347 [SFO-FAT] (CRJ2; speed: 357 knots, altitude: 13682.6644480672 ft, distance: 10 KM)  
 Mon, Oct 02, 09:25 AM Flight: AS 222 [SFO-PVR] (B739; speed: 382 knots, altitude: 11527.08098656 ft, distance: 2 KM)  
 Mon, Oct 02, 09:22 AM Flight: WN4205 [SFO-SNA] (B737; speed: 419 knots, altitude: 12943.020448928 ft, distance: 5 KM)  
 Mon, Oct 02, 09:20 AM Flight: VX1902 [SFO-LAS] (A320; speed: 321 knots, altitude: 10028.702080232533 ft, distance: 10 KM)  
 Mon, Oct 02, 09:13 AM Flight: UA1958 [SFO-IAH] (B738; speed: 382 knots, altitude: 11075 ft, distance: 3 KM)  
 Mon, Oct 02, 09:05 AM Flight: B61235 [SFO-LGB] (A320; speed: 385 knots, altitude: 10051.5989769216 ft, distance: 10 KM)  
 Mon, Oct 02, 09:02 AM Flight: DL4309 [SFO-LAX] (E75L; speed: 316 knots, altitude: 8050 ft, distance: 7 KM)  
 Mon, Oct 02, 08:58 AM Flight: UA2012 [SFO-SNA] (B738; speed: 351 knots, altitude: 14400.683397776 ft, distance: 7 KM)  
 Mon, Oct 02, 08:57 AM Flight: B6 147 [OAK-LGB] (A320; speed: 404 knots, altitude: 14132.492270225066 ft, distance: 3 KM)  
 Mon, Oct 02, 08:55 AM Flight: UA 258 [SFO-AUS] (A319; speed: 344 knots, altitude: 9742.883498775467 ft, distance: 11 KM)  
 Volume was "TOO LOUD".  
 Mon, Oct 02, 08:53 AM Flight: NK 504 [OAK-LAX] (A319; speed: 387 knots, altitude: 11029.190483477334 ft, distance: 7 KM)  
 Mon, Oct 02, 08:51 AM Flight: UA1038 [SFO-LAS] (B738; speed: 414 knots, altitude: 11585.9405274432 ft, distance: 5 KM)  
 Mon, Oct 02, 08:51 AM Flight: WN1112 [OAK-LAX] (B737; speed: 380 knots, altitude: 14512.6574985216 ft, distance: 8 KM)

### AIRLINES

TOTAL FLIGHTS 300 APPROX

UA 95 -31%  
 WN 84 -28%  
 VX 27- 9%  
 AA 27-9%  
 OTHER-23%