



1  
00:00:04,340 --> 00:00:02,300  
hey this is Mick Wesson medibang got org

2  
00:00:07,730 --> 00:00:04,350  
I was recently on a flight from

3  
00:00:09,379 --> 00:00:07,740  
Sacramento to Denver Colorado when I

4  
00:00:11,900 --> 00:00:09,389  
noticed this really interesting

5  
00:00:14,959 --> 00:00:11,910  
phenomena out of the window I was seated

6  
00:00:18,310 --> 00:00:14,969  
in an exit row and I saw what looked

7  
00:00:20,960 --> 00:00:18,320  
like a kind of glitch in the matrix

8  
00:00:22,939 --> 00:00:20,970  
there was this weird discontinuity let

9  
00:00:25,759 --> 00:00:22,949  
me zoom in on it look at the thick black

10  
00:00:27,040 --> 00:00:25,769  
line there's this weird discontinuity in

11  
00:00:29,540 --> 00:00:27,050  
it and I thought at first this was

12  
00:00:31,730 --> 00:00:29,550  
something in the window there was like a

13  
00:00:33,319 --> 00:00:31,740

distortion but it wasn't as when I moved

14

00:00:34,940 --> 00:00:33,329

the camera around you could see the dirt

15

00:00:36,740 --> 00:00:34,950

on the window moving around but this

16

00:00:38,660 --> 00:00:36,750

little thing didn't it moves all by

17

00:00:40,220 --> 00:00:38,670

itself it kind of moved up and down this

18

00:00:42,260 --> 00:00:40,230

line and you can see it's kind of

19

00:00:45,110 --> 00:00:42,270

distorting not only that line with the

20

00:00:47,540 --> 00:00:45,120

line above it and the line on the edge

21

00:00:49,520 --> 00:00:47,550

of the wing it's very strange a few

22

00:00:50,900 --> 00:00:49,530

minutes later I saw it again and this

23

00:00:53,420 --> 00:00:50,910

time I was kind of jumping around all

24

00:00:55,369 --> 00:00:53,430

over the place it was very unusual but

25

00:00:57,500 --> 00:00:55,379

if we zoom out you can see a little

26  
00:00:59,180 --> 00:00:57,510  
bit of what's actually going on here so

27  
00:01:02,660 --> 00:00:59,190  
here's the discontinuity of the glitch

28  
00:01:05,179 --> 00:01:02,670  
in the matrix and over here is what

29  
00:01:07,370 --> 00:01:05,189  
looks like it kind of shadow in fact

30  
00:01:10,670 --> 00:01:07,380  
it's actually a shadow / projection as

31  
00:01:13,039 --> 00:01:10,680  
the light is being bent it's kind of

32  
00:01:14,899 --> 00:01:13,049  
been spread on one side where it goes

33  
00:01:17,510 --> 00:01:14,909  
dark and it's being focused on the other

34  
00:01:19,310 --> 00:01:17,520  
side where it goes light so I think what

35  
00:01:22,490 --> 00:01:19,320  
we're actually seeing here is two

36  
00:01:25,999 --> 00:01:22,500  
different visualizations of a shock wave

37  
00:01:27,590 --> 00:01:26,009  
in the air this is where the the air

38  
00:01:29,660 --> 00:01:27,600

that has been pushed forward by the wing

39

00:01:32,390 --> 00:01:29,670

is meeting the still air in front of it

40

00:01:34,700 --> 00:01:32,400

and it creates this the shock wave now

41

00:01:36,800 --> 00:01:34,710

the kind of shadow projection on the

42

00:01:37,630 --> 00:01:36,810

wing is the sunlight which is behind me

43

00:01:39,890 --> 00:01:37,640

in this video

44

00:01:43,520 --> 00:01:39,900

shining through the shock wave and

45

00:01:44,840 --> 00:01:43,530

casting the shadow / projection on the

46

00:01:47,090 --> 00:01:44,850

surface of the wing and the

47

00:01:49,219 --> 00:01:47,100

discontinuity is the light going in the

48

00:01:51,560 --> 00:01:49,229

other direction going through the chakra

49

00:01:53,810 --> 00:01:51,570

through the shock wave and it's

50

00:01:55,219 --> 00:01:53,820

refracting and it's causing this this

51  
00:01:59,539 --> 00:01:55,229  
little discontinuity or little

52  
00:02:01,010 --> 00:01:59,549  
refraction spike now later on I was set

53  
00:02:03,050 --> 00:02:01,020  
on the other side of the plane for the

54  
00:02:04,789 --> 00:02:03,060  
second leg of the journey and I saw this

55  
00:02:08,089 --> 00:02:04,799  
even more dramatic set of spikes over

56  
00:02:10,910 --> 00:02:08,099  
the winglet check it out is like a whole

57  
00:02:12,979 --> 00:02:10,920  
bunch of different spikes now this time

58  
00:02:14,240 --> 00:02:12,989  
there's nothing on the wing other than

59  
00:02:16,700 --> 00:02:14,250  
the distortion

60  
00:02:19,300 --> 00:02:16,710  
because the Sun is coming from in front

61  
00:02:21,290 --> 00:02:19,310  
of me now so all we see is these spikes

62  
00:02:23,060 --> 00:02:21,300  
now you're only going to see these if

63  
00:02:24,560 --> 00:02:23,070

you're in a seat that's opposite the

64

00:02:27,440 --> 00:02:24,570

wing because you need to be looking

65

00:02:29,720 --> 00:02:27,450

along the shockwave so you can have the

66

00:02:30,890 --> 00:02:29,730

full effects of the refraction but check

67

00:02:32,390 --> 00:02:30,900

it out next time you're in a plane you