

STARLINK-3155
STARLINK-3670

RACETRACK UFOs

STARLINK-2092

STARLINK-1515

STARLINK FLARES

(mostly)

157

STARLINK-3208

STARLINK-2559

STARLINK-2538 STARLINK-2527

STARLINK-2736

ALOS-2

STARLINK-2047

23

1
00:00:04,670 --> 00:00:02,450
over the last few weeks there have been

2
00:00:06,470 --> 00:00:04,680
several sightings and videos by pilots

3
00:00:08,690 --> 00:00:06,480
describing what have become known as

4
00:00:11,150 --> 00:00:08,700
racetrack UFOs

5
00:00:13,190 --> 00:00:11,160
the pilots describe distant lights that

6
00:00:14,810 --> 00:00:13,200
seem to be orbiting in circles or a

7
00:00:17,510 --> 00:00:14,820
racetrack a common type of holding

8
00:00:19,670 --> 00:00:17,520
pattern these sightings are generally in

9
00:00:22,609 --> 00:00:19,680
the north by the Big Dipper and

10
00:00:25,070 --> 00:00:22,619
generally seem to go from left to right

11
00:00:27,050 --> 00:00:25,080
multiple people have determined that the

12
00:00:29,750 --> 00:00:27,060
most likely explanation for these is

13
00:00:31,490 --> 00:00:29,760

starlink satellites simply because the

14

00:00:33,350 --> 00:00:31,500

lights don't go in circles or a race

15

00:00:35,750 --> 00:00:33,360

track they go in a perfectly straight

16

00:00:37,610 --> 00:00:35,760

line they are also in the same place in

17

00:00:39,590 --> 00:00:37,620

the sky as some matching starlink

18

00:00:42,530 --> 00:00:39,600

satellites flying in the same direction

19

00:00:44,750 --> 00:00:42,540

and at the same speed

20

00:00:46,250 --> 00:00:44,760

the most common objection to this is

21

00:00:48,049 --> 00:00:46,260

that the pilots say they were not

22

00:00:49,610 --> 00:00:48,059

selling satellites I even think that

23

00:00:52,130 --> 00:00:49,620

even satellites if they were even

24

00:00:53,810 --> 00:00:52,140

geosynchronous geocyclic they're not

25

00:00:55,430 --> 00:00:53,820

going to sit there and do 360s in a

26

00:00:56,630 --> 00:00:55,440

circle there's that's not going to

27

00:00:59,510 --> 00:00:56,640

happen they're not going to be doing

28

00:01:01,189 --> 00:00:59,520

this this orbit that that I saw some of

29

00:01:02,869 --> 00:01:01,199

the videos you posted there's no way

30

00:01:05,570 --> 00:01:02,879

those are satellites it's impossible

31

00:01:07,429 --> 00:01:05,580

they are half right in that it's not the

32

00:01:09,530 --> 00:01:07,439

common string of bright lights that we

33

00:01:11,390 --> 00:01:09,540

usually think of when we get UFO reports

34

00:01:13,550 --> 00:01:11,400

that turn out to be starlink

35

00:01:16,370 --> 00:01:13,560

those are starlings just after launch

36

00:01:18,170 --> 00:01:16,380

this is something different starlinks

37

00:01:19,969 --> 00:01:18,180

that are fully deployed and are only

38

00:01:20,929 --> 00:01:19,979

visible when at the correct angle to the

39

00:01:23,030 --> 00:01:20,939

Sun

40

00:01:24,950 --> 00:01:23,040

combined with the illusion of circling

41

00:01:26,749 --> 00:01:24,960

it's quite understandable that the

42

00:01:30,770 --> 00:01:26,759

pilots would say that these are not the

43

00:01:36,170 --> 00:01:33,649

how can we tell it's not circling well

44

00:01:38,990 --> 00:01:36,180

take the video and stabilize it then

45

00:01:40,850 --> 00:01:39,000

composite a frame every few seconds look

46

00:01:42,590 --> 00:01:40,860

at the spacing between the positions

47

00:01:44,690 --> 00:01:42,600

it's the same

48

00:01:46,730 --> 00:01:44,700

if it were going in a racetrack or a

49

00:01:48,770 --> 00:01:46,740

circle it would slow down as it

50

00:01:51,910 --> 00:01:48,780

approached the end of the circuit like

51
00:01:57,649 --> 00:01:51,920
with this light on a bicycle wheel

52
00:02:01,310 --> 00:01:59,690
what's happening is the satellite is

53
00:02:03,050 --> 00:02:01,320
reflecting the Sun for a few seconds

54
00:02:05,450 --> 00:02:03,060
like how you might see the sun

55
00:02:07,069 --> 00:02:05,460
reflecting off a passing car window or a

56
00:02:10,010 --> 00:02:07,079
plane like this one

57
00:02:11,630 --> 00:02:10,020
this is called a satellite flare

58
00:02:14,030 --> 00:02:11,640
not a flare in the sense of bright

59
00:02:18,170 --> 00:02:14,040
burning chemicals but a flaring that it

60
00:02:23,030 --> 00:02:20,150
another thing that indicates a satellite

61
00:02:25,490 --> 00:02:23,040
is the colors seen in some videos mostly

62
00:02:28,309 --> 00:02:25,500
white it flashes red and blue just like

63
00:02:29,809 --> 00:02:28,319

bright stars do near the Horizon here's

64

00:02:32,210 --> 00:02:29,819

Sirius for example

65

00:02:34,309 --> 00:02:32,220

this is due to atmospheric Distortion

66

00:02:36,650 --> 00:02:34,319

and indicates it's a long way away may

67

00:02:39,830 --> 00:02:36,660

be in space

68

00:02:41,270 --> 00:02:39,840

why starlink particularly well there's a

69

00:02:43,850 --> 00:02:41,280

lot more starlike in the sky now

70

00:02:46,130 --> 00:02:43,860

MetaBank used a flarky showed us how to

71

00:02:47,390 --> 00:02:46,140

use in the sky.org to display them to

72

00:02:50,210 --> 00:02:47,400

match the video

73

00:02:52,670 --> 00:02:50,220

click on spacecraft then satellites in

74

00:02:55,009 --> 00:02:52,680

your Sky then go to planetarium view

75

00:02:57,650 --> 00:02:55,019

scroll down and turn on the bright

76

00:03:00,890 --> 00:02:57,660

satellites including starlink then you

77

00:03:03,790 --> 00:03:00,900

can set a location a date and a Time

78

00:03:06,350 --> 00:03:03,800

let's look at the mufon report number

79

00:03:08,750 --> 00:03:06,360

124374 we've got the location we know

80

00:03:10,550 --> 00:03:08,760

the date and time plug that all in look

81

00:03:12,430 --> 00:03:10,560

over at the Big Dipper and we'll see

82

00:03:14,809 --> 00:03:12,440

starlink satellites in that location

83

00:03:16,970 --> 00:03:14,819

moving in the same direction as the

84

00:03:18,229 --> 00:03:16,980

lights and at the same speed that we see

85

00:03:20,390 --> 00:03:18,239

on the video

86

00:03:22,670 --> 00:03:20,400

if the satellite is shown in red that

87

00:03:24,050 --> 00:03:22,680

means it's illuminated by the Sun and so

88

00:03:28,990 --> 00:03:24,060

will flare when at the right position

89

00:03:33,290 --> 00:03:31,610

flocky also showed how the Sun was

90

00:03:34,850 --> 00:03:33,300

directly underneath the satellite at

91

00:03:36,710 --> 00:03:34,860

that point which makes sense if it's

92

00:03:38,690 --> 00:03:36,720

going to reflect the light back down

93

00:03:42,050 --> 00:03:38,700

this was initially suggested by Reddit

94

00:03:43,970 --> 00:03:42,060

user dance Macabre haunt

95

00:03:45,470 --> 00:03:43,980

flyky then did this with all the other

96

00:03:47,690 --> 00:03:45,480

videos where we have good time and

97

00:03:49,670 --> 00:03:47,700

location data in each one we found the

98

00:03:51,649 --> 00:03:49,680

same things the lights were going in

99

00:03:53,390 --> 00:03:51,659

straight lines not race tracks and they

100

00:03:55,070 --> 00:03:53,400

were always styling satellites in that

101
00:03:57,589 --> 00:03:55,080
location going in the right direction

102
00:03:58,729 --> 00:03:57,599
opposite the Sun and moving at the right

103
00:04:00,770 --> 00:03:58,739
speed

104
00:04:02,210 --> 00:04:00,780
so it seems very likely that all the

105
00:04:04,250 --> 00:04:02,220
lights seen on these racetrack videos

106
00:04:06,949 --> 00:04:04,260
were styling satellites

107
00:04:09,350 --> 00:04:06,959
now there are some eyewitness accounts

108
00:04:11,210 --> 00:04:09,360
that don't fit but the pilots have

109
00:04:12,890 --> 00:04:11,220
already made the understandable mistake

110
00:04:15,170 --> 00:04:12,900
of thinking something moving in a

111
00:04:16,670 --> 00:04:15,180
straight line was moving in a circle so

112
00:04:19,849 --> 00:04:16,680
maybe there were other understandable

113
00:04:21,949 --> 00:04:19,859

mistakes Pilots are human and while they

114

00:04:23,749 --> 00:04:21,959

are great at flying planes they are not

115

00:04:27,890 --> 00:04:23,759

always good at identifying things they

116

00:04:29,689 --> 00:04:27,900

have never seen before but really who is

117

00:04:31,969 --> 00:04:29,699

once everyone realizes these are

118

00:04:34,010 --> 00:04:31,979

probably starlings this whole flap will

119

00:04:36,469 --> 00:04:34,020

be reframed as an example of how we need

120

00:04:39,110 --> 00:04:36,479

to remove the stigma of reporting UFOs

121

00:04:41,450 --> 00:04:39,120

an issue of flight safety that's fine

122

00:04:43,370 --> 00:04:41,460

and I'm in favor of removing the stigma

123

00:04:44,810 --> 00:04:43,380

if somebody sees something odd that they

124

00:04:45,770 --> 00:04:44,820

can't identify then they should report

125

00:04:47,870 --> 00:04:45,780

it

126

00:04:50,629 --> 00:04:47,880

but we also want to avoid false

127

00:04:52,430 --> 00:04:50,639

positives we don't want starlink letters

128

00:04:54,469 --> 00:04:52,440

to be reported dozen times a day for

129

00:04:56,450 --> 00:04:54,479

years so we also need some good

130

00:04:57,830 --> 00:04:56,460

information from the FAA on how to

131

00:05:00,290 --> 00:04:57,840

identify when you're looking at

132

00:05:02,510 --> 00:05:00,300

something like this that way we can weed

133

00:05:04,310 --> 00:05:02,520

out the things that are just noise and

134

00:05:06,530 --> 00:05:04,320

if there's any real UFOs something