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1
00:00:03,429 --> 00:00:00,630

[Music]

2
00:00:05,749 --> 00:00:03,439

hello so here's a new ufo video the

3
00:00:08,549 --> 00:00:05,759

department of homeland security rubber

4
00:00:11,030 --> 00:00:08,559

duck video so cool because it's got this

5
00:00:11,830 --> 00:00:11,040

little white shape down here that looks

6
00:00:13,749 --> 00:00:11,840

uh

7
00:00:15,829 --> 00:00:13,759

kind of like a rubber duck you know it's

8
00:00:17,910 --> 00:00:15,839

got the body a little head a little big

9
00:00:20,230 --> 00:00:17,920

it doesn't always look like that it's uh

10
00:00:22,550 --> 00:00:20,240

you know like most ufo videos it's you

11
00:00:24,230 --> 00:00:22,560

know too poor of a quality to actually

12
00:00:26,390 --> 00:00:24,240

tell what's going on

13
00:00:28,950 --> 00:00:26,400

uh it's very blurry it's very over

14

00:00:31,029 --> 00:00:28,960

compressed and you can't really see very

15

00:00:33,910 --> 00:00:31,039

much so what do we got here what have we

16

00:00:36,870 --> 00:00:33,920

got this is um

17

00:00:38,470 --> 00:00:36,880

infrared video it is taken on a plane

18

00:00:39,590 --> 00:00:38,480

and we know that because there's

19

00:00:42,389 --> 00:00:39,600

actually a

20

00:00:44,869 --> 00:00:42,399

fuller version of that video

21

00:00:46,950 --> 00:00:44,879

where you can actually see the plane

22

00:00:48,869 --> 00:00:46,960

itself there it is you can see the plane

23

00:00:51,750 --> 00:00:48,879

from the camera you know it's uh

24

00:00:54,630 --> 00:00:51,760

infrared so it's showing heat and this

25

00:00:57,350 --> 00:00:54,640

black here is hot we know it says bh

26
00:00:59,670 --> 00:00:57,360
down here so black hot so anything that

27
00:01:02,470 --> 00:00:59,680
is white is colder than things that are

28
00:01:05,750 --> 00:01:02,480
less white so this uh engine exhaust

29
00:01:07,510 --> 00:01:05,760
here is showing up as uh black because

30
00:01:09,910 --> 00:01:07,520
it's hot

31
00:01:12,149 --> 00:01:09,920
uh it's a one-hour video the object

32
00:01:14,710 --> 00:01:12,159
appears about i don't know 20 minutes in

33
00:01:16,310 --> 00:01:14,720
or so and it just basically follows it

34
00:01:18,390 --> 00:01:16,320
there's some interesting stuff we can

35
00:01:20,710 --> 00:01:18,400
see in the video and i'll kind of get to

36
00:01:23,270 --> 00:01:20,720
that in a moment but the first thing i

37
00:01:24,950 --> 00:01:23,280
want to note is that this number here

38
00:01:27,030 --> 00:01:24,960

speed some people have said that this

39

00:01:28,950 --> 00:01:27,040

speed is the speed of the object it is

40

00:01:30,950 --> 00:01:28,960

not the speed of the object

41

00:01:33,030 --> 00:01:30,960

this is the speed at which the camera is

42

00:01:35,350 --> 00:01:33,040

going over the ground camera's looking

43

00:01:37,429 --> 00:01:35,360

down so here at this point for example

44

00:01:39,590 --> 00:01:37,439

the camera is fixed on the ground

45

00:01:42,069 --> 00:01:39,600

and the speed is zero

46

00:01:44,230 --> 00:01:42,079

and when the they start moving the

47

00:01:45,990 --> 00:01:44,240

camera around you'll see it actually has

48

00:01:47,749 --> 00:01:46,000

a speed of something like you know 100

49

00:01:50,469 --> 00:01:47,759

and something miles per hour

50

00:01:52,789 --> 00:01:50,479

which is basically uh the same as the

51
00:01:55,670 --> 00:01:52,799
speed of the plane which is you know

52
00:01:57,350 --> 00:01:55,680
over here there less anything to do with

53
00:01:59,109 --> 00:01:57,360
it turning left or right but it's not

54
00:02:01,190 --> 00:01:59,119
the speed of the object we'll we'll get

55
00:02:03,270 --> 00:02:01,200
a little bit more into that later

56
00:02:04,630 --> 00:02:03,280
so what can we tell from this video well

57
00:02:07,190 --> 00:02:04,640
there's a number of useful things

58
00:02:09,029 --> 00:02:07,200
actually uh first of all we have

59
00:02:10,550 --> 00:02:09,039
coordinates which is always good when

60
00:02:12,390 --> 00:02:10,560
you're doing a ufo video because you can

61
00:02:13,589 --> 00:02:12,400
make sure that what you're looking at is

62
00:02:15,830 --> 00:02:13,599
what you think you're looking at and

63
00:02:18,390 --> 00:02:15,840

it's in the right place uh here we've

64

00:02:20,630 --> 00:02:18,400

got this one you know it's 31 degrees

65

00:02:23,350 --> 00:02:20,640

111 degrees west

66

00:02:24,309 --> 00:02:23,360

this is over here the coordinates of the

67

00:02:26,869 --> 00:02:24,319

plane

68

00:02:28,229 --> 00:02:26,879

uh

69

00:02:30,550 --> 00:02:28,239

and

70

00:02:33,110 --> 00:02:30,560

the other numbers underneath this are

71

00:02:35,030 --> 00:02:33,120

the speed of the plane in knots

72

00:02:37,910 --> 00:02:35,040

and the heading of the plane which is

73

00:02:40,229 --> 00:02:37,920

this uh degrees in a true heading which

74

00:02:41,830 --> 00:02:40,239

is a true heading on the on the map not

75

00:02:43,270 --> 00:02:41,840

the magnetic heading and then the

76

00:02:45,110 --> 00:02:43,280

altitude of the plane which stays at

77

00:02:46,790 --> 00:02:45,120

around fourteen hundred

78

00:02:49,190 --> 00:02:46,800

fourteen thousand eight hundred feet

79

00:02:50,710 --> 00:02:49,200

around around fifteen thousand feet

80

00:02:51,910 --> 00:02:50,720

they were probably aiming for fifteen

81

00:02:53,750 --> 00:02:51,920

thousand feet

82

00:02:55,190 --> 00:02:53,760

and that's just what they're at

83

00:02:56,949 --> 00:02:55,200

okay so

84

00:02:59,830 --> 00:02:56,959

uh so that's that tells us what the

85

00:03:00,949 --> 00:02:59,840

plane is doing through this video now uh

86

00:03:03,589 --> 00:03:00,959

in the long version of the video

87

00:03:06,229 --> 00:03:03,599

unfortunately they removed

88

00:03:08,390 --> 00:03:06,239

this data up here they removed the gps

89

00:03:10,790 --> 00:03:08,400

data so you can't get a full track but

90

00:03:13,670 --> 00:03:10,800

we got one minute of the video where

91

00:03:14,949 --> 00:03:13,680

they have the actual gps data so we can

92

00:03:16,710 --> 00:03:14,959

use this

93

00:03:18,390 --> 00:03:16,720

now over here we have what looks like

94

00:03:20,470 --> 00:03:18,400

the same type of thing we've got another

95

00:03:22,229 --> 00:03:20,480

set of gps coordinates

96

00:03:25,670 --> 00:03:22,239

and we've got a speed a heading an

97

00:03:27,350 --> 00:03:25,680

elevation and a slant range

98

00:03:30,630 --> 00:03:27,360

this is

99

00:03:32,550 --> 00:03:30,640

uh the position of the middle of the

100

00:03:35,110 --> 00:03:32,560

camera so it's where the middle of this

101
00:03:36,550 --> 00:03:35,120
crosshairs intersects the ground and we

102
00:03:39,190 --> 00:03:36,560
can see this from like a number of

103
00:03:41,350 --> 00:03:39,200
reasons just simply that what we have

104
00:03:42,630 --> 00:03:41,360
here isn't an altitude you know over

105
00:03:43,830 --> 00:03:42,640
here we have

106
00:03:45,830 --> 00:03:43,840
altitude

107
00:03:47,670 --> 00:03:45,840
and over here we have elevation this is

108
00:03:49,430 --> 00:03:47,680
an elevation of the ground so this is

109
00:03:51,509 --> 00:03:49,440
the height of the ground and we saw

110
00:03:54,149 --> 00:03:51,519
earlier that when the crosshairs are not

111
00:03:55,830 --> 00:03:54,159
moving the speed is zero so it's the

112
00:03:58,070 --> 00:03:55,840
speed at which the crosshairs are

113
00:03:59,910 --> 00:03:58,080

tracking over the ground it's not the

114

00:04:02,630 --> 00:03:59,920

speed of the object it would only be the

115

00:04:04,390 --> 00:04:02,640

speed of the object if the object was on

116

00:04:05,750 --> 00:04:04,400

the ground and these crosshairs were

117

00:04:08,869 --> 00:04:05,760

tracking it and this would be something

118

00:04:10,710 --> 00:04:08,879

typically like a vehicle on a road you

119

00:04:13,830 --> 00:04:10,720

would be able to get the the speed of

120

00:04:15,589 --> 00:04:13,840

that vehicle uh from from this here

121

00:04:17,430 --> 00:04:15,599

then we have the slant range which is

122

00:04:20,310 --> 00:04:17,440

3.6 nautical miles which is just the

123

00:04:22,710 --> 00:04:20,320

distance from the camera to the ground

124

00:04:24,070 --> 00:04:22,720

again not to the object it is to the

125

00:04:26,230 --> 00:04:24,080

ground

126
00:04:27,749 --> 00:04:26,240
so given uh these two things given these

127
00:04:29,430 --> 00:04:27,759
two sets of data these sets of

128
00:04:32,150 --> 00:04:29,440
coordinates we can actually extract them

129
00:04:34,870 --> 00:04:32,160
we actually went through this video

130
00:04:37,110 --> 00:04:34,880
uh from the the start to the end of this

131
00:04:39,270 --> 00:04:37,120
with this one the one minute segment

132
00:04:41,430 --> 00:04:39,280
here that we have

133
00:04:45,030 --> 00:04:41,440
one minute segment here

134
00:04:47,990 --> 00:04:45,040
and i extracted at

135
00:04:49,670 --> 00:04:48,000
10 second intervals the gpus coordinates

136
00:04:52,310 --> 00:04:49,680
and i got them into

137
00:04:55,510 --> 00:04:52,320
let's see a spreadsheet format

138
00:04:56,870 --> 00:04:55,520

very very simple type of thing

139

00:04:58,390 --> 00:04:56,880

and

140

00:05:00,629 --> 00:04:58,400

uh this is what it ended up being just

141

00:05:04,070 --> 00:05:00,639

like you know six data points seven data

142

00:05:06,950 --> 00:05:04,080

points and we've got the degrees

143

00:05:09,510 --> 00:05:06,960

uh coordinates for the the plane and

144

00:05:11,510 --> 00:05:09,520

we've got that for the uh the grounds

145

00:05:13,590 --> 00:05:11,520

track and so we can

146

00:05:16,070 --> 00:05:13,600

write a little bit of magic code and

147

00:05:18,710 --> 00:05:16,080

convert those into a google earth track

148

00:05:20,550 --> 00:05:18,720

and stick that into

149

00:05:22,469 --> 00:05:20,560

google earth and this is what it looks

150

00:05:24,790 --> 00:05:22,479

like this is

151
00:05:26,469 --> 00:05:24,800
the green one here is the track of the

152
00:05:27,749 --> 00:05:26,479
plane you can see it's high up and it's

153
00:05:31,350 --> 00:05:27,759
looking down

154
00:05:33,830 --> 00:05:31,360
this red track here is the ground track

155
00:05:35,590 --> 00:05:33,840
now you can see straight away uh kind of

156
00:05:37,430 --> 00:05:35,600
what's going on here the plane is kind

157
00:05:38,550 --> 00:05:37,440
of flying roughly in a segment of a

158
00:05:40,550 --> 00:05:38,560
circle here this is remember this is

159
00:05:42,629 --> 00:05:40,560
only one minute this is the only minute

160
00:05:44,629 --> 00:05:42,639
that we actually had gps data for if we

161
00:05:47,029 --> 00:05:44,639
had more we would see more but it's

162
00:05:48,390 --> 00:05:47,039
looking down at the ground but in the

163
00:05:51,110 --> 00:05:48,400

middle

164

00:05:52,950 --> 00:05:51,120

uh we see the lines kind of intersect so

165

00:05:55,110 --> 00:05:52,960

what i think is actually going on here

166

00:05:58,629 --> 00:05:55,120

is that we're seeing an object that's

167

00:06:01,150 --> 00:05:58,639

moving relatively slowly at around this

168

00:06:03,870 --> 00:06:01,160

this altitude here this like

169

00:06:07,430 --> 00:06:03,880

2524 meters which is

170

00:06:08,710 --> 00:06:07,440

8200 feet uh above

171

00:06:11,029 --> 00:06:08,720

sea level

172

00:06:12,309 --> 00:06:11,039

and the ground beneath it there is about

173

00:06:15,590 --> 00:06:12,319

four thousand so it's about four

174

00:06:17,110 --> 00:06:15,600

thousand something feet above the ground

175

00:06:19,670 --> 00:06:17,120

there it's not actually down by the

176
00:06:20,469 --> 00:06:19,680
ground it's around here somewhere moving

177
00:06:23,350 --> 00:06:20,479
along

178
00:06:26,070 --> 00:06:23,360
at a relatively slow speed possibly just

179
00:06:30,390 --> 00:06:26,080
at wind speed or possibly just at a

180
00:06:32,710 --> 00:06:30,400
a fairly slow-ish speed now the speed

181
00:06:34,070 --> 00:06:32,720
calculated for this track is was around

182
00:06:36,550 --> 00:06:34,080
like hundred and something miles per

183
00:06:38,629 --> 00:06:36,560
hour so whatever the actual speed is

184
00:06:40,230 --> 00:06:38,639
unless it's really close to the plane

185
00:06:41,830 --> 00:06:40,240
it's actually going to be less

186
00:06:43,270 --> 00:06:41,840
than that speed and i suspect it's

187
00:06:46,469 --> 00:06:43,280
somewhere in this region it's going to

188
00:06:48,309 --> 00:06:46,479

be somewhere like 10 20 miles per hour

189

00:06:50,710 --> 00:06:48,319

uh which

190

00:06:52,150 --> 00:06:50,720

leads into a few um

191

00:06:53,510 --> 00:06:52,160

possibilities like what would it

192

00:06:55,589 --> 00:06:53,520

actually be

193

00:06:57,350 --> 00:06:55,599

now if we look

194

00:06:59,510 --> 00:06:57,360

at what's actually going on in the

195

00:07:01,270 --> 00:06:59,520

longer video if we take this this long

196

00:07:04,629 --> 00:07:01,280

video here

197

00:07:06,790 --> 00:07:04,639

and we look at the compass heading right

198

00:07:08,469 --> 00:07:06,800

here now at the start it kind of kind of

199

00:07:09,749 --> 00:07:08,479

goes back and forth because we haven't

200

00:07:11,670 --> 00:07:09,759

got to the object yet but when we

201
00:07:13,909 --> 00:07:11,680
actually find this object

202
00:07:15,990 --> 00:07:13,919
yeah here it is we start flying

203
00:07:19,029 --> 00:07:16,000
essentially in circles the plane is

204
00:07:22,390 --> 00:07:19,039
flying in circles round and round

205
00:07:23,189 --> 00:07:22,400
this object looking down at this object

206
00:07:25,430 --> 00:07:23,199
and

207
00:07:27,749 --> 00:07:25,440
so that means that either

208
00:07:30,469 --> 00:07:27,759
the plane and the object are both kind

209
00:07:32,309 --> 00:07:30,479
of weirdly going around in these strange

210
00:07:34,790 --> 00:07:32,319
circles opposite each other for no

211
00:07:37,589 --> 00:07:34,800
apparent reason or we've just got like

212
00:07:39,270 --> 00:07:37,599
some object and we've got the plane

213
00:07:41,990 --> 00:07:39,280

circling that object and the object

214

00:07:43,350 --> 00:07:42,000

itself is moving in a straight line and

215

00:07:44,790 --> 00:07:43,360

that's what actually looks like it looks

216

00:07:47,510 --> 00:07:44,800

like the object's moving in a straight

217

00:07:49,749 --> 00:07:47,520

line and the plane is flying around

218

00:07:52,309 --> 00:07:49,759

that object and if that is in fact the

219

00:07:53,270 --> 00:07:52,319

case then from this

220

00:07:54,710 --> 00:07:53,280

uh

221

00:07:56,710 --> 00:07:54,720

layout here we can tell that it's

222

00:07:58,070 --> 00:07:56,720

probably not moving very very fast at

223

00:08:00,869 --> 00:07:58,080

all it's probably just like drifting

224

00:08:02,950 --> 00:08:00,879

along relatively slow like few tens of

225

00:08:04,950 --> 00:08:02,960

miles per hour tops

226
00:08:06,469 --> 00:08:04,960
but we you know we don't actually know

227
00:08:08,550 --> 00:08:06,479
exactly how fast it is because we don't

228
00:08:09,830 --> 00:08:08,560
know exactly where it is

229
00:08:11,110 --> 00:08:09,840
because we simply don't have enough

230
00:08:12,469 --> 00:08:11,120
information

231
00:08:13,909 --> 00:08:12,479
but if you look at

232
00:08:15,670 --> 00:08:13,919
if you go back and look at this we can

233
00:08:16,390 --> 00:08:15,680
see that

234
00:08:18,309 --> 00:08:16,400
the

235
00:08:20,629 --> 00:08:18,319
compass heading here just spins round

236
00:08:22,710 --> 00:08:20,639
and round uh which means that we we

237
00:08:24,869 --> 00:08:22,720
orbit it i think about 11 times

238
00:08:28,150 --> 00:08:24,879

throughout the course of the video so if

239

00:08:29,830 --> 00:08:28,160

we were to plot the entire thing uh on

240

00:08:32,550 --> 00:08:29,840

this map instead of just having a small

241

00:08:34,790 --> 00:08:32,560

segment of it we would probably see

242

00:08:36,870 --> 00:08:34,800

uh let's kind of a spiral shape as it

243

00:08:38,070 --> 00:08:36,880

went along and this object itself just

244

00:08:39,909 --> 00:08:38,080

moves a little bit it probably would

245

00:08:41,990 --> 00:08:39,919

hardly move at all really because it's

246

00:08:43,829 --> 00:08:42,000

not moving that fast

247

00:08:45,750 --> 00:08:43,839

so um

248

00:08:47,350 --> 00:08:45,760

what actually is this

249

00:08:49,509 --> 00:08:47,360

thing is we don't really know we don't

250

00:08:51,829 --> 00:08:49,519

really know what this actually is it's

251

00:08:53,030 --> 00:08:51,839

is it's almost impossible to tell we can

252

00:08:55,670 --> 00:08:53,040

tell

253

00:08:58,070 --> 00:08:55,680

uh that it's not making any sudden moves

254

00:09:00,230 --> 00:08:58,080

it's not really going very fast and it's

255

00:09:03,350 --> 00:09:00,240

probably going in a straight line

256

00:09:05,590 --> 00:09:03,360

and we can it's probably about 4000 feet

257

00:09:07,190 --> 00:09:05,600

above the ground now being 4000 feet

258

00:09:09,910 --> 00:09:07,200

above the ground

259

00:09:13,350 --> 00:09:09,920

means that the air it is in would be a

260

00:09:15,670 --> 00:09:13,360

few degrees colder than the the air at

261

00:09:16,630 --> 00:09:15,680

ground level uh quite a few degrees

262

00:09:19,030 --> 00:09:16,640

colder

263

00:09:21,829 --> 00:09:19,040

so if it was just something like

264

00:09:24,470 --> 00:09:21,839

a balloon it would show up as being

265

00:09:26,150 --> 00:09:24,480

colder uh than the ground

266

00:09:27,590 --> 00:09:26,160

it does seem like if you look at some of

267

00:09:28,389 --> 00:09:27,600

these these shots it looks like it's

268

00:09:31,030 --> 00:09:28,399

very

269

00:09:33,190 --> 00:09:31,040

bright white it looks like it's uh kind

270

00:09:35,509 --> 00:09:33,200

of an unusually bright

271

00:09:37,670 --> 00:09:35,519

uh coldness but which makes you think

272

00:09:40,310 --> 00:09:37,680

it's icy cold but really it isn't now

273

00:09:42,630 --> 00:09:40,320

you look at this shot here you see this

274

00:09:44,710 --> 00:09:42,640

segment of of the path which is probably

275

00:09:45,509 --> 00:09:44,720

just a bit of sand or something like

276
00:09:47,990 --> 00:09:45,519
that

277
00:09:49,190 --> 00:09:48,000
is exactly the same color as the

278
00:09:51,990 --> 00:09:49,200
supposed

279
00:09:55,190 --> 00:09:52,000
rubber duck ufo as are many other like

280
00:09:57,750 --> 00:09:55,200
white splotches throughout the area so

281
00:09:59,670 --> 00:09:57,760
what it means is it's as cold as that

282
00:10:01,350 --> 00:09:59,680
you know possibly colder possibly less

283
00:10:04,150 --> 00:10:01,360
cold it doesn't really mean that it's

284
00:10:05,750 --> 00:10:04,160
like a piece of ice floating along so

285
00:10:07,750 --> 00:10:05,760
there's a number of possibilities as to

286
00:10:10,470 --> 00:10:07,760
what it could be uh my first thought

287
00:10:12,870 --> 00:10:10,480
that it was a bunch of balloons like

288
00:10:15,269 --> 00:10:12,880

several balloons together uh with

289

00:10:17,910 --> 00:10:15,279

perhaps one a bit higher than the other

290

00:10:20,389 --> 00:10:17,920

that gives this appearance of it being

291

00:10:23,269 --> 00:10:20,399

you know like the head of the duck uh

292

00:10:25,190 --> 00:10:23,279

sometimes appears a bit a bit separate

293

00:10:26,870 --> 00:10:25,200

from from the other things

294

00:10:29,350 --> 00:10:26,880

um

295

00:10:31,509 --> 00:10:29,360

i i think that's probably the top of my

296

00:10:33,509 --> 00:10:31,519

list just simply because it fits you

297

00:10:35,509 --> 00:10:33,519

know something just drifting along

298

00:10:37,910 --> 00:10:35,519

and something that

299

00:10:40,150 --> 00:10:37,920

roughly kind of rotates and changes

300

00:10:41,910 --> 00:10:40,160

shape as you kind of expect from a

301

00:10:43,670 --> 00:10:41,920

fairly static bunch of balloons at high

302

00:10:46,470 --> 00:10:43,680

altitude they don't bubble around much

303

00:10:49,509 --> 00:10:46,480

when they're 4000 feet above the ground

304

00:10:51,670 --> 00:10:49,519

uh another possibility is that it's a

305

00:10:52,949 --> 00:10:51,680

drone and so people have suggested this

306

00:10:54,870 --> 00:10:52,959

and it would be kind of an odd shaped

307

00:10:56,710 --> 00:10:54,880

drone but some people have said that you

308

00:10:58,790 --> 00:10:56,720

know this little bit here

309

00:11:01,350 --> 00:10:58,800

is a gps antenna

310

00:11:03,750 --> 00:11:01,360

yeah kind of hard to see how that would

311

00:11:05,670 --> 00:11:03,760

actually work in this particular

312

00:11:07,110 --> 00:11:05,680

instance you kind of see here it almost

313

00:11:09,190 --> 00:11:07,120

looks like a little wing shape thing

314

00:11:11,269 --> 00:11:09,200

sometimes with this thing popping up but

315

00:11:14,069 --> 00:11:11,279

i i tend to go more with the

316

00:11:16,389 --> 00:11:14,079

the balloon theory but you know i'm not

317

00:11:18,790 --> 00:11:16,399

opposed to the drone theory if something

318

00:11:21,350 --> 00:11:18,800

could be could be shown a bit more

319

00:11:24,550 --> 00:11:21,360

problem is of course you know it's um

320

00:11:27,190 --> 00:11:24,560

low information it's very blurry

321

00:11:29,110 --> 00:11:27,200

and you know when you zoom in on on this

322

00:11:31,269 --> 00:11:29,120

thing you you can't really make anything

323

00:11:33,750 --> 00:11:31,279

out you can't tell what shape it is

324

00:11:34,949 --> 00:11:33,760

you're seeing a lot of uh compression

325

00:11:37,030 --> 00:11:34,959

artifacts

326

00:11:38,630 --> 00:11:37,040

you're seeing a lot of uh blur and you

327

00:11:39,829 --> 00:11:38,640

just you know these lines here they

328

00:11:41,509 --> 00:11:39,839

aren't real they're just part of a

329

00:11:43,350 --> 00:11:41,519

compression you know these kind of

330

00:11:45,190 --> 00:11:43,360

curves here they're not real either this

331

00:11:47,350 --> 00:11:45,200

whole thing is all smudged and even even

332

00:11:50,389 --> 00:11:47,360

in the segments of the video where it's

333

00:11:51,990 --> 00:11:50,399

it's relatively clear uh you know the

334

00:11:53,670 --> 00:11:52,000

shape you're still essentially getting

335

00:11:56,069 --> 00:11:53,680

compression artifacts you can see all

336

00:11:57,030 --> 00:11:56,079

these lines everywhere it's it's overly

337

00:11:59,269 --> 00:11:57,040

compressed i don't know if there's a

338

00:12:01,030 --> 00:11:59,279

better version of the video but if there

339

00:12:02,710 --> 00:12:01,040

is it might be useful in trying to

340

00:12:04,069 --> 00:12:02,720

figure out what it is but

341

00:12:06,389 --> 00:12:04,079

people suggested you could do some

342

00:12:08,069 --> 00:12:06,399

advanced video analysis on this you know

343

00:12:10,470 --> 00:12:08,079

doing your little convolution filters

344

00:12:12,550 --> 00:12:10,480

and whatnot but you're not going to get

345

00:12:14,069 --> 00:12:12,560

anything yeah this is all this is all

346

00:12:15,829 --> 00:12:14,079

compression artifacts and it's just

347

00:12:17,670 --> 00:12:15,839

essentially it's a black and white image

348

00:12:19,350 --> 00:12:17,680

and you know this this color here is the

349

00:12:20,550 --> 00:12:19,360

pretty much the same as this color over

350

00:12:22,389 --> 00:12:20,560

here and there's

351
00:12:24,069 --> 00:12:22,399
bits of the ground that are exactly the

352
00:12:25,350 --> 00:12:24,079
same color like this i mean it's bright

353
00:12:27,269 --> 00:12:25,360
white

354
00:12:29,430 --> 00:12:27,279
uh it's not going to tell you anything

355
00:12:31,750 --> 00:12:29,440
it's it's very difficult to get anything

356
00:12:36,150 --> 00:12:31,760
out of this thing it's an irregular

357
00:12:38,870 --> 00:12:36,160
shaped cold object that's moving slowly

358
00:12:41,910 --> 00:12:38,880
through the sky at perhaps about 4 000

359
00:12:43,990 --> 00:12:41,920
feet um you know real quick though

360
00:12:46,310 --> 00:12:44,000
another thing we can tell from this is

361
00:12:49,110 --> 00:12:46,320
is because we actually have the time and

362
00:12:50,629 --> 00:12:49,120
date on it we can go back in in flight

363
00:12:53,430 --> 00:12:50,639

radar 24

364

00:12:54,870 --> 00:12:53,440

and we can find the actual plane here i

365

00:12:57,590 --> 00:12:54,880

went back and found the actual plane

366

00:12:59,350 --> 00:12:57,600

it's called irons 12 and then you can

367

00:13:00,069 --> 00:12:59,360

you can see that this is actually a you

368

00:13:01,670 --> 00:13:00,079

know

369

00:13:03,430 --> 00:13:01,680

department of homeland security border

370

00:13:06,470 --> 00:13:03,440

patrol plane and they were just flying

371

00:13:08,150 --> 00:13:06,480

around the actual object was spotted

372

00:13:10,470 --> 00:13:08,160

somewhere around here and there's a

373

00:13:13,750 --> 00:13:10,480

bunch of orbits that were done around

374

00:13:16,310 --> 00:13:13,760

this area unfortunately the adsb data

375

00:13:17,990 --> 00:13:16,320

isn't very good uh so

376

00:13:19,990 --> 00:13:18,000

uh you we get these kind of crappy

377

00:13:22,150 --> 00:13:20,000

tracks we don't get a nice smooth track

378

00:13:23,990 --> 00:13:22,160

if we have the full gps data of the

379

00:13:26,870 --> 00:13:24,000

actual video you could do a bit more

380

00:13:28,069 --> 00:13:26,880

detailed analysis but

381

00:13:29,590 --> 00:13:28,079

i really don't think that's very much

382

00:13:31,750 --> 00:13:29,600

going to come from this

383

00:13:34,150 --> 00:13:31,760

it's probably something that they

384

00:13:35,350 --> 00:13:34,160

thought was some kind of bordering

385

00:13:38,230 --> 00:13:35,360

cursion

386

00:13:41,110 --> 00:13:38,240

like uh drug smuggling uh possibly on a

387

00:13:43,189 --> 00:13:41,120

drone possibly on a balloon or it could

388

00:13:44,870 --> 00:13:43,199

even be here some loose balloons i mean

389

00:13:46,949 --> 00:13:44,880

there's towns nearby

390

00:13:49,030 --> 00:13:46,959

uh like down here there's this actual

391

00:13:51,110 --> 00:13:49,040

towns on the mexican side and on the u.s

392

00:13:53,030 --> 00:13:51,120

side and people sometimes

393

00:13:55,189 --> 00:13:53,040

let bunches of balloons go and it could

394

00:13:57,110 --> 00:13:55,199

possibly be just that

395

00:13:59,269 --> 00:13:57,120

we really don't know what it is and we

396

00:14:01,030 --> 00:13:59,279

probably will never know uh unless the

397

00:14:02,310 --> 00:14:01,040

department of homeland security figured

398

00:14:05,189 --> 00:14:02,320

it out and it looks like they just kind

399

00:14:06,790 --> 00:14:05,199

of eventually gave up and flew away

400

00:14:08,389 --> 00:14:06,800

because well maybe they maybe they did

401
00:14:09,910 --> 00:14:08,399
figure it out maybe they figured out oh

402
00:14:11,189 --> 00:14:09,920
hey it's just a bunch of balloons let's

403
00:14:14,069 --> 00:14:11,199
just leave it

404
00:14:16,710 --> 00:14:14,079
uh as if it was something actually like

405
00:14:18,389 --> 00:14:16,720
a drug incursion then the drug smuggling

406
00:14:20,550 --> 00:14:18,399
they probably would have followed it

407
00:14:22,949 --> 00:14:20,560
maybe they ran out of fuel but anyway

408
00:14:25,189 --> 00:14:22,959
that's all i have for it really oh well

409
00:14:27,670 --> 00:14:25,199
one quick thing is that louis elizondo

410
00:14:30,230 --> 00:14:27,680
was asked about this by by the sun

411
00:14:32,470 --> 00:14:30,240
apparently and he said it might just be

412
00:14:32,630 --> 00:14:32,480
a bunch of balloons

413
00:14:34,230 --> 00:14:32,640

so

414

00:14:37,030 --> 00:14:34,240

[Music]

415

00:14:42,150 --> 00:14:38,629

let's actually

416

00:14:44,629 --> 00:14:42,160

talk very briefly though about um

417

00:14:47,590 --> 00:14:44,639

thermal radiation and

418

00:14:49,750 --> 00:14:47,600

what it looks like now we have something

419

00:14:51,269 --> 00:14:49,760

that shows up as cold

420

00:14:53,509 --> 00:14:51,279

now there's actually a couple of reasons

421

00:14:55,430 --> 00:14:53,519

why something might show up as cold it

422

00:14:57,269 --> 00:14:55,440

could actually be cold

423

00:15:00,150 --> 00:14:57,279

which is simply because it's 4 000 feet

424

00:15:03,030 --> 00:15:00,160

above the ground now if it was a drone

425

00:15:05,590 --> 00:15:03,040

then the problem is that

426

00:15:08,150 --> 00:15:05,600

drones have engines and the engines get

427

00:15:09,590 --> 00:15:08,160

warm and so you see some sources of heat

428

00:15:12,230 --> 00:15:09,600

now it might be that just you know the

429

00:15:14,389 --> 00:15:12,240

drone itself only shows the sources of

430

00:15:17,189 --> 00:15:14,399

heat in fairly small spots around the

431

00:15:19,670 --> 00:15:17,199

engine and they kind of get cooled by

432

00:15:21,750 --> 00:15:19,680

the downdraft of the air and the body of

433

00:15:23,670 --> 00:15:21,760

the drone may actually stay relatively

434

00:15:25,430 --> 00:15:23,680

cold and because it's a high altitude

435

00:15:27,110 --> 00:15:25,440

it's colder than the ground so i

436

00:15:28,790 --> 00:15:27,120

wouldn't rule it out entirely but i

437

00:15:31,990 --> 00:15:28,800

think you know i'd kind of like to see

438

00:15:33,350 --> 00:15:32,000

an example of a drone shot from above

439

00:15:35,269 --> 00:15:33,360

you know some people show you like

440

00:15:37,110 --> 00:15:35,279

pictures of a drone against the sky and

441

00:15:39,350 --> 00:15:37,120

it's entirely pointless because the sky

442

00:15:41,269 --> 00:15:39,360

shows up as like minus 100 degrees or

443

00:15:43,749 --> 00:15:41,279

something like that so if you show

444

00:15:46,230 --> 00:15:43,759

anything against the sky even ice it's

445

00:15:48,150 --> 00:15:46,240

gonna show up as as hot

446

00:15:50,069 --> 00:15:48,160

so any example that shows something

447

00:15:52,389 --> 00:15:50,079

against the sky completely irrelevant

448

00:15:54,550 --> 00:15:52,399

you need to show it

449

00:15:57,269 --> 00:15:54,560

looking from above looking down at the

450

00:15:59,590 --> 00:15:57,279

ground with the object between you and

451
00:16:01,189 --> 00:15:59,600
the ground and preferably the object uh

452
00:16:03,030 --> 00:16:01,199
several thousand feet above the ground

453
00:16:05,189 --> 00:16:03,040
to get a a true

454
00:16:06,790 --> 00:16:05,199
look at what's actually going on here

455
00:16:09,110 --> 00:16:06,800
now if it's balloons there's you know a

456
00:16:11,189 --> 00:16:09,120
couple of types of things uh types of

457
00:16:13,509 --> 00:16:11,199
common balloons the the regular kind of

458
00:16:16,470 --> 00:16:13,519
you know latex balloons or the plastic

459
00:16:19,189 --> 00:16:16,480
balloons rubber balloons which uh are

460
00:16:21,590 --> 00:16:19,199
often transparent to infrared so you you

461
00:16:22,629 --> 00:16:21,600
wouldn't really see this this stock cold

462
00:16:24,550 --> 00:16:22,639
thing

463
00:16:25,749 --> 00:16:24,560

uh depending on the actual thickness of

464

00:16:27,110 --> 00:16:25,759

the balloons and the size of the

465

00:16:31,990 --> 00:16:27,120

balloons

466

00:16:34,470 --> 00:16:32,000

you see more of a reflection of what's

467

00:16:36,470 --> 00:16:34,480

going on so you see a reflection of the

468

00:16:37,430 --> 00:16:36,480

environment now because we're looking

469

00:16:38,949 --> 00:16:37,440

down

470

00:16:41,189 --> 00:16:38,959

what we're going to see is a reflection

471

00:16:43,269 --> 00:16:41,199

of the sky so you're not seeing

472

00:16:45,110 --> 00:16:43,279

something against the sky you're seeing

473

00:16:47,030 --> 00:16:45,120

the sky against the ground so you see

474

00:16:50,310 --> 00:16:47,040

something that's very cold however you

475

00:16:53,430 --> 00:16:50,320

would expect to see a little bit of uh

476

00:16:55,269 --> 00:16:53,440

hot or not hot but like hotter around

477

00:16:56,949 --> 00:16:55,279

the edges where you see some reflection

478

00:16:57,829 --> 00:16:56,959

of the ground and it's kind of hard to

479

00:17:00,870 --> 00:16:57,839

see

480

00:17:02,230 --> 00:17:00,880

like looks probably a little darker

481

00:17:03,910 --> 00:17:02,240

around the edges

482

00:17:05,350 --> 00:17:03,920

but you know i think really if you're

483

00:17:07,110 --> 00:17:05,360

looking down at something it's going to

484

00:17:08,870 --> 00:17:07,120

be reflecting the sky so it's possibly a

485

00:17:11,350 --> 00:17:08,880

bunch of mylar balloons that are kind of

486

00:17:15,350 --> 00:17:11,360

reflecting the sky and uh that very

487

00:17:16,309 --> 00:17:15,360

coldness is is what we're seeing here

488

00:17:17,750 --> 00:17:16,319

and

489

00:17:20,230 --> 00:17:17,760

uh

490

00:17:22,230 --> 00:17:20,240

is it interesting

491

00:17:23,270 --> 00:17:22,240

i mean like it's it's interesting

492

00:17:24,949 --> 00:17:23,280

because

493

00:17:26,150 --> 00:17:24,959

someone released it and says this is an

494

00:17:28,710 --> 00:17:26,160

official

495

00:17:31,669 --> 00:17:28,720

uh uap video from the the department of

496

00:17:33,830 --> 00:17:31,679

homeland security and yeah i mean it's

497

00:17:36,070 --> 00:17:33,840

something it's it's something just like

498

00:17:38,710 --> 00:17:36,080

that's drifting along in a straight line

499

00:17:41,029 --> 00:17:38,720

doing nothing interesting it's not like

500

00:17:42,950 --> 00:17:41,039

defying gravity in an interesting way

501

00:17:44,549 --> 00:17:42,960

it's it's not like making

502

00:17:46,310 --> 00:17:44,559

sudden turns it's not stopping and

503

00:17:47,830 --> 00:17:46,320

hovering it's not disappearing it's not

504

00:17:51,190 --> 00:17:47,840

going underwater it's not changing

505

00:17:52,950 --> 00:17:51,200

altitude it's a pretty boring ufo but

506

00:17:55,350 --> 00:17:52,960

yeah it's the ufo we don't know where it

507

00:17:57,990 --> 00:17:55,360

is it could be balloons it could be a

508

00:18:00,390 --> 00:17:58,000

drone it could be a

509

00:18:02,070 --> 00:18:00,400

levitating rubber duck or it could be an

510

00:18:03,190 --> 00:18:02,080

alien spaceship or some kind of

511

00:18:05,430 --> 00:18:03,200

high-tech

512

00:18:06,950 --> 00:18:05,440

uh anti-gravity drone from the the us

513

00:18:08,549 --> 00:18:06,960

military but

514

00:18:10,310 --> 00:18:08,559

we've got to go with what's what's

515

00:18:13,430 --> 00:18:10,320

likely you know the u.s military

516

00:18:15,669 --> 00:18:13,440

themselves in the uop report they say

517

00:18:17,750 --> 00:18:15,679

um all of these things are just airborne

518

00:18:19,669 --> 00:18:17,760

clutter things like balloons and uh

519

00:18:20,950 --> 00:18:19,679

drones and birds i don't think it's a

520

00:18:21,909 --> 00:18:20,960

bird

521

00:18:24,870 --> 00:18:21,919

but