



**UAP  
BEHAVIOR**

**WITH  
JACK SLIWA**

1  
00:00:46,790 --> 00:00:17,630

[Music]

2  
00:00:49,190 --> 00:00:47,430

oh

3  
00:00:50,630 --> 00:00:49,200

hello and welcome to the show i'm martin

4  
00:00:52,869 --> 00:00:50,640

willis your host

5  
00:00:54,630 --> 00:00:52,879

and uh i have a very interesting guest

6  
00:00:55,750 --> 00:00:54,640

first time you speaking on the topic and

7  
00:00:57,910 --> 00:00:55,760

i love to have

8  
00:00:58,869 --> 00:00:57,920

people on like that not to put any undue

9  
00:01:02,549 --> 00:00:58,879

pressure

10  
00:01:05,750 --> 00:01:02,559

on him in any type of way but uh

11  
00:01:08,870 --> 00:01:05,760

his name is uh jack sliwa and uh we are

12  
00:01:11,190 --> 00:01:08,880

going to be talking about his uh

13  
00:01:12,070 --> 00:01:11,200

i gotta remove your pill sorry about

14

00:01:14,630 --> 00:01:12,080

that

15

00:01:15,910 --> 00:01:14,640

poor bill i had him up on youtube for

16

00:01:19,270 --> 00:01:15,920

the whole world to see

17

00:01:22,149 --> 00:01:19,280

sorry about that bill uh anyway jax

18

00:01:22,950 --> 00:01:22,159

uh sliwahi is going to be talking about

19

00:01:25,990 --> 00:01:22,960

basically

20

00:01:29,429 --> 00:01:26,000

about a lot of uh study and work

21

00:01:29,910 --> 00:01:29,439

and data that he's collected on the ufo

22

00:01:31,350 --> 00:01:29,920

topic

23

00:01:32,550 --> 00:01:31,360

he's got an amazing background we'll

24

00:01:33,670 --> 00:01:32,560

talk a little bit about that in the

25

00:01:36,230 --> 00:01:33,680

beginning

26

00:01:36,789 --> 00:01:36,240

and uh this is christmas week for all

27

00:01:38,789 --> 00:01:36,799

those

28

00:01:39,990 --> 00:01:38,799

of you that celebrate so merry christmas

29

00:01:43,350 --> 00:01:40,000

to you i hope you

30

00:01:45,190 --> 00:01:43,360

have a wonderful and safe one and uh

31

00:01:47,109 --> 00:01:45,200

i'll be glad to get through this year

32

00:01:49,910 --> 00:01:47,119

like so many of us will

33

00:01:51,830 --> 00:01:49,920

and um so in the last part of this show

34

00:01:53,749 --> 00:01:51,840

i'm going to give away a couple of

35

00:01:55,030 --> 00:01:53,759

t-shirts to callers and i'm also going

36

00:01:58,149 --> 00:01:55,040

to give away

37

00:01:59,910 --> 00:01:58,159

one of my ufo paintings i think i'll

38

00:02:01,270 --> 00:01:59,920

just pop them up this is first of all

39

00:02:03,670 --> 00:02:01,280

it's a t-shirt

40

00:02:04,870 --> 00:02:03,680

and this is for those of you to see on

41

00:02:07,030 --> 00:02:04,880

youtube

42

00:02:08,229 --> 00:02:07,040

this is the ufo painting i actually have

43

00:02:14,150 --> 00:02:08,239

it

44

00:02:20,309 --> 00:02:17,430

really does exist

45

00:02:21,910 --> 00:02:20,319

so that i will be shipping to anyone and

46

00:02:23,750 --> 00:02:21,920

you have to the only thing it's kind of

47

00:02:25,270 --> 00:02:23,760

a bummer i know

48

00:02:26,630 --> 00:02:25,280

unless you want to pay for extra

49

00:02:28,390 --> 00:02:26,640

shipping you have to live in the united

50

00:02:31,030 --> 00:02:28,400

states

51  
00:02:32,790 --> 00:02:31,040  
for being a caller to get those free

52  
00:02:35,030 --> 00:02:32,800  
gifts

53  
00:02:36,550 --> 00:02:35,040  
i know it may not seem fair but we can

54  
00:02:39,910 --> 00:02:36,560  
work things out we always

55  
00:02:40,270 --> 00:02:39,920  
we always do one way or the other a lot

56  
00:02:43,910 --> 00:02:40,280  
of

57  
00:02:46,550 --> 00:02:43,920  
been

58  
00:02:47,509 --> 00:02:46,560  
contacted from someone in australia and

59  
00:02:49,830 --> 00:02:47,519  
then

60  
00:02:51,030 --> 00:02:49,840  
all over the united states about kind of

61  
00:02:52,710 --> 00:02:51,040  
some breaking news

62  
00:02:54,390 --> 00:02:52,720  
and i'm not really sure what happened

63  
00:02:57,430 --> 00:02:54,400

but i do know that

64

00:03:00,309 --> 00:02:57,440

lou alizundo steve justice and tim

65

00:03:01,430 --> 00:03:00,319

i mean i'm sorry chris mellon have all

66

00:03:04,550 --> 00:03:01,440

left

67

00:03:07,110 --> 00:03:04,560

uh tsa to the stars academy

68

00:03:08,630 --> 00:03:07,120

i'm not sure exactly what happened i did

69

00:03:11,270 --> 00:03:08,640

try to find out

70

00:03:12,470 --> 00:03:11,280

but um it's too bad and i don't know

71

00:03:13,589 --> 00:03:12,480

what's going to happen to all

72

00:03:15,509 --> 00:03:13,599

you know the investors i don't know

73

00:03:18,790 --> 00:03:15,519

what's going to happen to any of that

74

00:03:20,949 --> 00:03:18,800

i have absolutely no idea but it is

75

00:03:21,910 --> 00:03:20,959

something that has been going around and

76

00:03:24,390 --> 00:03:21,920

i hope uh

77

00:03:25,430 --> 00:03:24,400

if any of you out there like uh

78

00:03:29,270 --> 00:03:25,440

astronomy

79

00:03:33,190 --> 00:03:29,280

uh the converge of uh jupiter and saturn

80

00:03:35,430 --> 00:03:33,200

just amazing first time uh in 800 years

81

00:03:37,589 --> 00:03:35,440

and it will happen just 60 years from

82

00:03:38,949 --> 00:03:37,599

now but i'd consider that a once in a

83

00:03:43,270 --> 00:03:38,959

lifetime at least

84

00:03:46,710 --> 00:03:43,280

unless you live a real real long life

85

00:03:48,630 --> 00:03:46,720

over 800 years you would uh expect that

86

00:03:49,750 --> 00:03:48,640

to happen unfortunately it was overcast

87

00:03:52,229 --> 00:03:49,760

last night i hope

88

00:03:53,910 --> 00:03:52,239

that some of you get to see it it's

89

00:03:57,270 --> 00:03:53,920

still going on but just

90

00:03:59,509 --> 00:03:57,280

not as easily seen as a

91

00:04:01,270 --> 00:03:59,519

converge as it did last night as it

92

00:04:04,070 --> 00:04:01,280

looked like last night

93

00:04:04,949 --> 00:04:04,080

um our blog this week is called injured

94

00:04:08,229 --> 00:04:04,959

by the ufo

95

00:04:10,390 --> 00:04:08,239

that's a great christmas topic no no

96

00:04:12,949 --> 00:04:10,400

uh that has a lot to do with uh there

97

00:04:14,949 --> 00:04:12,959

are some cases

98

00:04:16,550 --> 00:04:14,959

that have been pretty interesting dave

99

00:04:19,030 --> 00:04:16,560

marler was on this show

100

00:04:20,469 --> 00:04:19,040

and covered that about a young boy

101  
00:04:23,430 --> 00:04:20,479  
outside of a laundromat

102  
00:04:25,110 --> 00:04:23,440  
that had this strange orb do these weird

103  
00:04:27,510 --> 00:04:25,120  
burns on him that

104  
00:04:28,230 --> 00:04:27,520  
uh again we did talk about that in the

105  
00:04:31,510 --> 00:04:28,240  
past

106  
00:04:33,830 --> 00:04:31,520  
and there's a few others uh the gorman

107  
00:04:35,270 --> 00:04:33,840  
dog fight i think no that's uh that was

108  
00:04:36,070 --> 00:04:35,280  
something else i'm trying to think what

109  
00:04:38,150 --> 00:04:36,080  
else

110  
00:04:39,749 --> 00:04:38,160  
uh there's a couple of others the one

111  
00:04:42,950 --> 00:04:39,759  
case in canada

112  
00:04:43,990 --> 00:04:42,960  
uh where people have had injuries so

113  
00:04:47,670 --> 00:04:44,000

maybe they're not

114

00:04:50,070 --> 00:04:47,680

all benign after all um

115

00:04:51,990 --> 00:04:50,080

and i do want to thank everyone oh by

116

00:04:54,710 --> 00:04:52,000

the way the uh

117

00:04:55,990 --> 00:04:54,720

the blogs are also made into an audio

118

00:04:59,430 --> 00:04:56,000

blog you can

119

00:05:02,469 --> 00:04:59,440

listen to them on the podcast feed or

120

00:05:05,590 --> 00:05:02,479

on youtube come out usually on fridays

121

00:05:09,830 --> 00:05:05,600

so but it's always good to read because

122

00:05:11,189 --> 00:05:09,840

there's uh links in the text that go to

123

00:05:13,749 --> 00:05:11,199

you know reference things which is

124

00:05:17,110 --> 00:05:13,759

always very interesting

125

00:05:18,230 --> 00:05:17,120

so uh melanie uh kirkendorfer she was

126

00:05:21,029 --> 00:05:18,240

going to be on uh

127

00:05:22,390 --> 00:05:21,039

regarding the berkshires ufo i just

128

00:05:24,230 --> 00:05:22,400

wanted to let everyone know

129

00:05:26,150 --> 00:05:24,240

uh because she didn't make it a few

130

00:05:27,590 --> 00:05:26,160

weeks ago that she will be on february

131

00:05:29,990 --> 00:05:27,600

2nd

132

00:05:32,070 --> 00:05:30,000

next week we have tom wortman coming on

133

00:05:33,350 --> 00:05:32,080

we have some really great guests lined

134

00:05:36,390 --> 00:05:33,360

up

135

00:05:38,150 --> 00:05:36,400

for next year i'm pretty excited about

136

00:05:39,909 --> 00:05:38,160

i won't go into that right now but

137

00:05:41,350 --> 00:05:39,919

perhaps next week i will

138

00:05:43,270 --> 00:05:41,360

because i'm kind of blabbing too much

139

00:05:45,909 --> 00:05:43,280

but i want to thank everyone

140

00:05:47,189 --> 00:05:45,919

that supports the show and i couldn't do

141

00:05:49,670 --> 00:05:47,199

it without you

142

00:05:50,790 --> 00:05:49,680

and i as i'm reflecting at the end of

143

00:05:53,350 --> 00:05:50,800

this year i really

144

00:05:55,189 --> 00:05:53,360

do appreciate it very much anyone can

145

00:05:56,550 --> 00:05:55,199

help out over at our patreon site that

146

00:06:00,950 --> 00:05:56,560

link is on

147

00:06:02,710 --> 00:06:00,960

our website which is podcast ufo.com

148

00:06:04,629 --> 00:06:02,720

uh that's enough for me i'm going to

149

00:06:08,629 --> 00:06:04,639

bring our guest in now

150

00:06:10,790 --> 00:06:08,639

uh jack welcome to the show hello martin

151

00:06:12,309 --> 00:06:10,800

hi and uh i know you've done other

152

00:06:13,510 --> 00:06:12,319

presentations before but this is

153

00:06:16,790 --> 00:06:13,520

actually the first one you've got

154

00:06:20,070 --> 00:06:16,800

this particular topic which is really

155

00:06:22,230 --> 00:06:20,080

you're breaking up a little bit but this

156

00:06:23,749 --> 00:06:22,240

is the first ufo talk i've ever get in

157

00:06:27,670 --> 00:06:23,759

my life

158

00:06:32,230 --> 00:06:30,230

many talks to you know industry and

159

00:06:34,469 --> 00:06:32,240

doctors and scientists and

160

00:06:36,150 --> 00:06:34,479

people like that but uh never never on

161

00:06:37,749 --> 00:06:36,160

the subject ufos

162

00:06:38,950 --> 00:06:37,759

that's great well let's hear a little

163

00:06:40,150 --> 00:06:38,960

bit about your background i'm going to

164

00:06:42,629 --> 00:06:40,160

find out if i have some

165

00:06:44,309 --> 00:06:42,639

audio issues but go ahead if you could

166

00:06:46,309 --> 00:06:44,319

talk about your background and i do want

167

00:06:48,790 --> 00:06:46,319

you to somehow weave in there

168

00:06:50,550 --> 00:06:48,800

where the topic of you know where that

169

00:06:53,189 --> 00:06:50,560

snuck in your life

170

00:06:54,070 --> 00:06:53,199

well uh i'm originally from the boston

171

00:06:56,309 --> 00:06:54,080

area

172

00:06:58,629 --> 00:06:56,319

i went to northeastern university got a

173

00:07:03,110 --> 00:06:58,639

degree in mechanical engineering

174

00:07:06,070 --> 00:07:03,120

and from there i uh got into stanford

175

00:07:06,469 --> 00:07:06,080

and i moved to california and i worked

176

00:07:07,830 --> 00:07:06,479

at

177

00:07:09,350 --> 00:07:07,840

seven marine companies which i'll talk

178

00:07:10,309 --> 00:07:09,360

about in a second there in silicon

179

00:07:12,309 --> 00:07:10,319

valley

180

00:07:13,990 --> 00:07:12,319

uh but before i left boston uh when i

181

00:07:16,070 --> 00:07:14,000

was going to northeastern i was

182

00:07:17,749 --> 00:07:16,080

in a co-op program you may know

183

00:07:20,469 --> 00:07:17,759

northeastern has a great co-op

184

00:07:21,830 --> 00:07:20,479

uh program where you work a semester you

185

00:07:23,350 --> 00:07:21,840

go to school this semester

186

00:07:25,510 --> 00:07:23,360

and it takes five years to get a bs

187

00:07:26,390 --> 00:07:25,520

rather than four years uh at any rate i

188

00:07:27,990 --> 00:07:26,400

worked at uh

189

00:07:29,670 --> 00:07:28,000

charles stark draper lab i don't know if

190

00:07:32,309 --> 00:07:29,680

you've ever heard of dr draper

191

00:07:33,589 --> 00:07:32,319

but he invented inertial navigation

192

00:07:36,710 --> 00:07:33,599

which is used in all the

193

00:07:37,909 --> 00:07:36,720

missiles a space shuttle uh all such all

194

00:07:39,909 --> 00:07:37,919

such craft

195

00:07:42,150 --> 00:07:39,919

the only navigation system it works

196

00:07:44,070 --> 00:07:42,160

without any outside reference

197

00:07:46,150 --> 00:07:44,080

so therefore it can't be interfered with

198

00:07:46,550 --> 00:07:46,160

it's on the trident d5 missile among

199

00:07:48,550 --> 00:07:46,560

other

200

00:07:49,749 --> 00:07:48,560

uh things anyway that was a long long

201  
00:07:52,390 --> 00:07:49,759  
long time ago

202  
00:07:53,510 --> 00:07:52,400  
but i got to meet him he recommended me

203  
00:07:56,710 --> 00:07:53,520  
for stanford

204  
00:07:58,790 --> 00:07:56,720  
i ended up going there um got in uh and

205  
00:07:59,990 --> 00:07:58,800  
and when i came to california i worked

206  
00:08:03,189 --> 00:08:00,000  
for string companies here

207  
00:08:05,589 --> 00:08:03,199  
starting with uh intel um and

208  
00:08:07,189 --> 00:08:05,599  
uh then xerox park uh some of you may

209  
00:08:08,950 --> 00:08:07,199  
have heard of xerox park

210  
00:08:10,629 --> 00:08:08,960  
research center uh where the laser

211  
00:08:11,350 --> 00:08:10,639  
printer was invented the mouse was

212  
00:08:14,390 --> 00:08:11,360  
invented

213  
00:08:16,230 --> 00:08:14,400

or the mouse was refined um and the

214

00:08:17,749 --> 00:08:16,240

graphical interface for computers which

215

00:08:20,230 --> 00:08:17,759

you're using right now

216

00:08:21,670 --> 00:08:20,240

was invented um the guy that invented

217

00:08:22,629 --> 00:08:21,680

the laser printer was in the office next

218

00:08:25,670 --> 00:08:22,639

to me

219

00:08:28,230 --> 00:08:25,680

um pretty pretty nifty uh

220

00:08:29,830 --> 00:08:28,240

arena to be in a very small building but

221

00:08:30,869 --> 00:08:29,840

a lot of people that made me feel like a

222

00:08:33,990 --> 00:08:30,879

dumb [h\_\_h]

223

00:08:37,909 --> 00:08:34,000

uh anyway i i also worked uh

224

00:08:41,029 --> 00:08:37,919

for amd um at amd i was in charge of

225

00:08:43,269 --> 00:08:41,039

process integration i which means how do

226

00:08:44,949 --> 00:08:43,279

you string all the processes together

227

00:08:46,949 --> 00:08:44,959

to make integrated circuits uh

228

00:08:49,910 --> 00:08:46,959

microprocessors memories

229

00:08:51,269 --> 00:08:49,920

uh etc and you know there's anywhere

230

00:08:51,910 --> 00:08:51,279

between a thousand and three thousand

231

00:08:55,030 --> 00:08:51,920

steps

232

00:08:57,030 --> 00:08:55,040

to make a silicon device and so

233

00:08:58,710 --> 00:08:57,040

putting those together is quite an

234

00:09:01,190 --> 00:08:58,720

art and involves a lot of failure

235

00:09:03,110 --> 00:09:01,200

analysis and science and stuff like that

236

00:09:05,030 --> 00:09:03,120

uh anyway you asked how i got involved

237

00:09:07,269 --> 00:09:05,040

and interested in ufos

238

00:09:08,470 --> 00:09:07,279

uh probably the initial seed was uh

239

00:09:10,710 --> 00:09:08,480

planted

240

00:09:12,710 --> 00:09:10,720

way back when i worked at draper labs

241

00:09:15,509 --> 00:09:12,720

because i got to see some

242

00:09:17,110 --> 00:09:15,519

equipment not ufo equipment uh

243

00:09:18,870 --> 00:09:17,120

conventional military equipment and

244

00:09:20,150 --> 00:09:18,880

nuclear submarines

245

00:09:21,910 --> 00:09:20,160

that i wouldn't be able to see if i

246

00:09:23,750 --> 00:09:21,920

hadn't worked there but

247

00:09:26,310 --> 00:09:23,760

once i came to california i had a

248

00:09:27,990 --> 00:09:26,320

sighting in california off the backyard

249

00:09:30,630 --> 00:09:28,000

of my house we lived on a

250

00:09:31,829 --> 00:09:30,640

a big hill about 400 feet high it was

251

00:09:34,070 --> 00:09:31,839

about two miles

252

00:09:35,430 --> 00:09:34,080

from moffett field in mountain view

253

00:09:37,190 --> 00:09:35,440

california

254

00:09:38,790 --> 00:09:37,200

moffitt field is where nasa ames

255

00:09:39,509 --> 00:09:38,800

research center is if you don't know

256

00:09:41,430 --> 00:09:39,519

that

257

00:09:43,190 --> 00:09:41,440

anyway i was sitting on the bed

258

00:09:43,990 --> 00:09:43,200

downstairs uh figuring out what to do

259

00:09:46,630 --> 00:09:44,000

next

260

00:09:48,310 --> 00:09:46,640

it was about 6 p.m and the sun was still

261

00:09:50,870 --> 00:09:48,320

out but it was going down

262

00:09:53,670 --> 00:09:50,880

and i noticed this brown tint thing come

263

00:09:55,670 --> 00:09:53,680

darting down out of the sky at about

264

00:09:57,750 --> 00:09:55,680

oh almost a 90 degree angle not quite

265

00:09:58,230 --> 00:09:57,760

vertically and right before i get it

266

00:10:00,070 --> 00:09:58,240

around

267

00:10:01,829 --> 00:10:00,080

it did a hockey stick maneuver in other

268

00:10:02,870 --> 00:10:01,839

words it leveled out at the very last

269

00:10:06,069 --> 00:10:02,880

second

270

00:10:06,790 --> 00:10:06,079

and disappeared bang gone and this was

271

00:10:10,230 --> 00:10:06,800

right over

272

00:10:11,509 --> 00:10:10,240

the nasa ames research center and um

273

00:10:13,590 --> 00:10:11,519

after that happened i wrote a very

274

00:10:15,269 --> 00:10:13,600

detailed report from mufon i am a member

275

00:10:17,430 --> 00:10:15,279

of mufon incidentally

276

00:10:18,630 --> 00:10:17,440

although i'm not terribly active um but

277

00:10:20,550 --> 00:10:18,640

i wrote in the report

278

00:10:21,750 --> 00:10:20,560

the report appeared on their cms

279

00:10:23,509 --> 00:10:21,760

database

280

00:10:25,269 --> 00:10:23,519

but i noticed i've tried to find it

281

00:10:25,750 --> 00:10:25,279

before their show and i can't find it

282

00:10:29,910 --> 00:10:25,760

now

283

00:10:31,829 --> 00:10:29,920

happened to it but it was on there

284

00:10:33,110 --> 00:10:31,839

and i also noticed since then even in

285

00:10:34,230 --> 00:10:33,120

the last year there have been a couple

286

00:10:36,710 --> 00:10:34,240

more sightings

287

00:10:37,910 --> 00:10:36,720

uh over nasa ames um so it wouldn't be

288

00:10:40,710 --> 00:10:37,920

surprised if

289

00:10:42,870 --> 00:10:40,720

me if uh that place is being uh checked

290

00:10:45,030 --> 00:10:42,880

out in some manner

291

00:10:46,389 --> 00:10:45,040

just uh on that topic do you think that

292

00:10:47,829 --> 00:10:46,399

perhaps that was some type of

293

00:10:51,670 --> 00:10:47,839

experimental

294

00:10:53,269 --> 00:10:51,680

no no no no no no no as this thing came

295

00:10:54,230 --> 00:10:53,279

down it came down a number one really

296

00:10:56,470 --> 00:10:54,240

fast

297

00:10:58,310 --> 00:10:56,480

and it was the bottom was clear but the

298

00:11:00,230 --> 00:10:58,320

top was involved in a cloud

299

00:11:02,310 --> 00:11:00,240

which i think a lot of your viewers will

300

00:11:04,870 --> 00:11:02,320

appreciate is most likely

301  
00:11:06,389 --> 00:11:04,880  
condensate water vapor there are many

302  
00:11:08,949 --> 00:11:06,399  
types of ufos

303  
00:11:11,110 --> 00:11:08,959  
where um we'll talk about this later but

304  
00:11:12,870 --> 00:11:11,120  
a ufo has a force field around it

305  
00:11:14,550 --> 00:11:12,880  
and part of the force field is it

306  
00:11:16,069 --> 00:11:14,560  
reduces the pressure

307  
00:11:17,590 --> 00:11:16,079  
in the direction of force field which is

308  
00:11:18,870 --> 00:11:17,600  
usually downwards if it wants to

309  
00:11:21,509 --> 00:11:18,880  
levitate

310  
00:11:22,790 --> 00:11:21,519  
and that uh reduction in pressure causes

311  
00:11:26,470 --> 00:11:22,800  
condensation

312  
00:11:29,269 --> 00:11:26,480  
fog

313  
00:11:29,750 --> 00:11:29,279

frequently will obscure the clear view

314

00:11:31,829 --> 00:11:29,760

of the

315

00:11:34,310 --> 00:11:31,839

ufo that's why if you look at ufo

316

00:11:36,069 --> 00:11:34,320

pictures the clearest pictures usually

317

00:11:37,430 --> 00:11:36,079

are when the uf was moving along at some

318

00:11:41,030 --> 00:11:37,440

finite velocity

319

00:11:43,030 --> 00:11:41,040

and hasn't had a chance to form fog

320

00:11:45,110 --> 00:11:43,040

around it so a lot of the so-called

321

00:11:48,710 --> 00:11:45,120

cloaking or whatever you want to call it

322

00:11:50,949 --> 00:11:48,720

a lot of it is is purely um it's real

323

00:11:53,750 --> 00:11:50,959

but it's not necessarily intentional

324

00:11:56,470 --> 00:11:53,760

it's a byproduct the way the uh

325

00:11:58,629 --> 00:11:56,480

the way the propulsion works and not

326

00:11:59,990 --> 00:11:58,639

necessarily trying to cloak themselves

327

00:12:01,910 --> 00:12:00,000

although they do that too you know they

328

00:12:03,829 --> 00:12:01,920

fly into clouds and hiding clouds

329

00:12:05,829 --> 00:12:03,839

dark from cloud to cloud and there's no

330

00:12:07,509 --> 00:12:05,839

there's no question this happens

331

00:12:09,030 --> 00:12:07,519

yeah i've had i've had a number of

332

00:12:11,670 --> 00:12:09,040

people talk about it

333

00:12:12,389 --> 00:12:11,680

um one was an incredible sighting a guy

334

00:12:14,629 --> 00:12:12,399

talked

335

00:12:16,389 --> 00:12:14,639

on the show probably a year ago about

336

00:12:18,150 --> 00:12:16,399

one in a cloud in it

337

00:12:19,509 --> 00:12:18,160

coming out and going back into the cloud

338

00:12:20,870 --> 00:12:19,519

it was pretty amazing we'll talk a

339

00:12:22,790 --> 00:12:20,880

little bit later but there's another

340

00:12:23,590 --> 00:12:22,800

specific reason why they would went to

341

00:12:26,870 --> 00:12:23,600

clouds

342

00:12:29,110 --> 00:12:26,880

that is not hiding and i hope

343

00:12:31,670 --> 00:12:29,120

to give all of your listeners a couple

344

00:12:33,670 --> 00:12:31,680

of christmas gifts here in the form of

345

00:12:36,069 --> 00:12:33,680

some surprising things that they may not

346

00:12:36,949 --> 00:12:36,079

have known about ufos which will give

347

00:12:40,069 --> 00:12:36,959

them something to

348

00:12:41,269 --> 00:12:40,079

think about over the next weeks in the

349

00:12:44,560 --> 00:12:41,279

christmas

350

00:12:46,069 --> 00:12:44,570

to think about

351

00:12:48,310 --> 00:12:46,079

[Music]

352

00:12:49,829 --> 00:12:48,320

it's a complicated problem but that does

353

00:12:52,389 --> 00:12:49,839

not mean that we can't make

354

00:12:54,069 --> 00:12:52,399

progress and if you ask me what am i

355

00:12:57,430 --> 00:12:54,079

doing in this field

356

00:12:58,629 --> 00:12:57,440

i am very very strong minded along the

357

00:13:00,870 --> 00:12:58,639

lines of

358

00:13:02,870 --> 00:13:00,880

we can answer some of the questions we

359

00:13:04,870 --> 00:13:02,880

can't answer them all up front

360

00:13:06,230 --> 00:13:04,880

propulsion is a particularly uh

361

00:13:08,550 --> 00:13:06,240

difficult one

362

00:13:09,750 --> 00:13:08,560

um we'll talk about that more later but

363

00:13:12,550 --> 00:13:09,760

uh questions about

364

00:13:13,430 --> 00:13:12,560

for example angel here uh questions

365

00:13:16,069 --> 00:13:13,440

about

366

00:13:17,430 --> 00:13:16,079

the falling leaf phenomenon um i'll be

367

00:13:19,829 --> 00:13:17,440

able to talk about that a little later

368

00:13:21,110 --> 00:13:19,839

and i'll tell you how i think those work

369

00:13:24,389 --> 00:13:21,120

and they're very logical

370

00:13:26,470 --> 00:13:24,399

engineering descriptions which i believe

371

00:13:28,150 --> 00:13:26,480

other technologies will come forward

372

00:13:30,470 --> 00:13:28,160

over the coming months and years

373

00:13:31,829 --> 00:13:30,480

and verify in fact i have a request to

374

00:13:35,110 --> 00:13:31,839

do some modeling

375

00:13:39,509 --> 00:13:35,120

on my website to verify uh one of these

376

00:13:41,670 --> 00:13:39,519

um but angel hair is a real phenomenon

377

00:13:43,750 --> 00:13:41,680

uh i'll go into it when we're ready and

378

00:13:44,550 --> 00:13:43,760

yeah belief is a real phenomenon and it

379

00:13:48,069 --> 00:13:44,560

makes

380

00:13:50,069 --> 00:13:48,079

perfect sense for ufos to do that yeah

381

00:13:51,269 --> 00:13:50,079

yeah the angel here i've heard about a

382

00:13:53,590 --> 00:13:51,279

lot of times in the uh

383

00:13:55,350 --> 00:13:53,600

trace evidence i know back in the 50s

384

00:13:57,829 --> 00:13:55,360

even there was a case

385

00:13:59,509 --> 00:13:57,839

um in europe in france i think it was

386

00:14:02,710 --> 00:13:59,519

but um

387

00:14:05,509 --> 00:14:02,720

the the one thing though the question i

388

00:14:07,670 --> 00:14:05,519

you know when you were talking about um

389

00:14:09,430 --> 00:14:07,680

i can't remember exactly what you said

390

00:14:10,870 --> 00:14:09,440

but it had to do with propulsion and

391

00:14:13,590 --> 00:14:10,880

possible propulsion and

392

00:14:14,710 --> 00:14:13,600

yeah and uh force field or whatever it

393

00:14:17,509 --> 00:14:14,720

is you said around

394

00:14:18,069 --> 00:14:17,519

right the question that i've had uh and

395

00:14:21,269 --> 00:14:18,079

have

396

00:14:23,509 --> 00:14:21,279

asked a lot on the show that i don't

397

00:14:25,590 --> 00:14:23,519

even know if could ever be answered but

398

00:14:26,550 --> 00:14:25,600

there's many cases and perhaps you even

399

00:14:29,030 --> 00:14:26,560

saw this

400

00:14:30,310 --> 00:14:29,040

where an object takes off so fast that

401  
00:14:32,470 --> 00:14:30,320  
it certainly

402  
00:14:35,509 --> 00:14:32,480  
broke the sound barrier at least you

403  
00:14:39,269 --> 00:14:35,519  
know in excess of a few times

404  
00:14:40,550 --> 00:14:39,279  
okay let me let me talk about that um

405  
00:14:43,030 --> 00:14:40,560  
i know if you're familiar with paul

406  
00:14:43,509 --> 00:14:43,040  
hill's book uh do you remember him he

407  
00:14:47,350 --> 00:14:43,519  
was the

408  
00:14:49,389 --> 00:14:47,360  
nasa scientist for oh 35 years

409  
00:14:50,790 --> 00:14:49,399  
and he wrote a book after uh

410  
00:14:53,269 --> 00:14:50,800  
posthumously

411  
00:14:54,949 --> 00:14:53,279  
his wife got it out for him but uh he

412  
00:14:55,910 --> 00:14:54,959  
gives him initial explanation of this

413  
00:14:59,189 --> 00:14:55,920

but he was

414

00:14:59,990 --> 00:14:59,199

perfectly correct and the reason uh you

415

00:15:03,269 --> 00:15:00,000

don't

416

00:15:05,750 --> 00:15:03,279

hear anything is because the

417

00:15:07,590 --> 00:15:05,760

ufo puts out a force field when it puts

418

00:15:11,110 --> 00:15:07,600

out the force field it modifies

419

00:15:13,189 --> 00:15:11,120

the pressure around it when you modify

420

00:15:14,230 --> 00:15:13,199

the air pressure you modify the ability

421

00:15:17,189 --> 00:15:14,240

to sound

422

00:15:19,030 --> 00:15:17,199

to travel through the air from the ufo

423

00:15:22,230 --> 00:15:19,040

into the undisturbed atmosphere

424

00:15:23,990 --> 00:15:22,240

further away acoustics

425

00:15:25,509 --> 00:15:24,000

which i have a lot of experience with

426

00:15:28,069 --> 00:15:25,519

unfortunately

427

00:15:29,030 --> 00:15:28,079

there is a something called acoustic

428

00:15:30,470 --> 00:15:29,040

impedance

429

00:15:32,550 --> 00:15:30,480

and what that is without getting too

430

00:15:34,069 --> 00:15:32,560

technical is the ability of sound to

431

00:15:36,790 --> 00:15:34,079

travel through

432

00:15:38,069 --> 00:15:36,800

a material how easy is it to travel

433

00:15:39,749 --> 00:15:38,079

through a material

434

00:15:42,150 --> 00:15:39,759

if you go from a material a to a

435

00:15:44,230 --> 00:15:42,160

material b and those two materials have

436

00:15:46,230 --> 00:15:44,240

different acoustic impedances

437

00:15:48,230 --> 00:15:46,240

then you're going to get a reflection

438

00:15:50,389 --> 00:15:48,240

and because of the

439

00:15:51,670 --> 00:15:50,399

way propulsion works because of the

440

00:15:54,150 --> 00:15:51,680

pressure drop

441

00:15:55,430 --> 00:15:54,160

you get a low pressure area of air

442

00:15:56,069 --> 00:15:55,440

before you go back to the normal

443

00:15:58,790 --> 00:15:56,079

pressure

444

00:15:59,110 --> 00:15:58,800

more distant from the ufo because of

445

00:16:00,710 --> 00:15:59,120

that

446

00:16:03,509 --> 00:16:00,720

you have a very high reflection

447

00:16:06,230 --> 00:16:03,519

coefficient because of that any sound or

448

00:16:08,150 --> 00:16:06,240

most of the sound that the ufap produces

449

00:16:10,310 --> 00:16:08,160

is reflected back and forth between the

450

00:16:11,829 --> 00:16:10,320

uap and this interface

451  
00:16:14,310 --> 00:16:11,839  
and almost none of it makes to the

452  
00:16:16,310 --> 00:16:14,320  
ground it's perfectly logical any

453  
00:16:19,030 --> 00:16:16,320  
acoustic person will tell you this

454  
00:16:21,110 --> 00:16:19,040  
there's nothing mysterious about it um

455  
00:16:23,990 --> 00:16:21,120  
you will notice in many cases

456  
00:16:25,189 --> 00:16:24,000  
if the ufo is at the right angle and

457  
00:16:26,389 --> 00:16:25,199  
you're not

458  
00:16:28,230 --> 00:16:26,399  
in the direction of one of the

459  
00:16:29,990 --> 00:16:28,240  
propulsion fields you will hear

460  
00:16:31,670 --> 00:16:30,000  
something you'll hear a loud hum

461  
00:16:33,590 --> 00:16:31,680  
you may hear a buzz you may hear

462  
00:16:35,509 --> 00:16:33,600  
something that sounds like a lawnmower

463  
00:16:38,150 --> 00:16:35,519

but the times when you hear absolutely

464

00:16:40,629 --> 00:16:38,160

nothing are when the area around you

465

00:16:42,470 --> 00:16:40,639

is being affected by the force field of

466

00:16:45,350 --> 00:16:42,480

the ufo

467

00:16:46,069 --> 00:16:45,360

so number one the pressure drop that's

468

00:16:49,269 --> 00:16:46,079

the main

469

00:16:50,310 --> 00:16:49,279

reason for the deadening of sound that's

470

00:16:52,310 --> 00:16:50,320

number one

471

00:16:53,350 --> 00:16:52,320

number two there's a second reason

472

00:16:56,870 --> 00:16:53,360

that's what i would call

473

00:17:00,150 --> 00:16:56,880

additive it means that it adds it also

474

00:17:01,749 --> 00:17:00,160

adds to the effect of dulling the sound

475

00:17:03,110 --> 00:17:01,759

and if you go to my website you'll be

476

00:17:04,390 --> 00:17:03,120

able to see a video of this really

477

00:17:07,590 --> 00:17:04,400

happening

478

00:17:09,829 --> 00:17:07,600

what this is is if you have a

479

00:17:11,990 --> 00:17:09,839

ufo which has a strong electric field on

480

00:17:13,990 --> 00:17:12,000

it let's say an ac electric field

481

00:17:15,510 --> 00:17:14,000

which is going plus minus plus minus at

482

00:17:17,429 --> 00:17:15,520

a high frequency let's say

483

00:17:19,029 --> 00:17:17,439

50 hertz actually 50 hertz it's not very

484

00:17:19,510 --> 00:17:19,039

high frequency that's what's in your

485

00:17:22,710 --> 00:17:19,520

wall

486

00:17:25,429 --> 00:17:22,720

almost um 50 hertz um what it'll do

487

00:17:26,309 --> 00:17:25,439

is if you have a plasma around the ufo

488

00:17:29,990 --> 00:17:26,319

the plasma

489

00:17:32,150 --> 00:17:30,000

essentially restrains the air okay

490

00:17:34,230 --> 00:17:32,160

it restrains it so it can't vibrate as

491

00:17:35,190 --> 00:17:34,240

it would vibrate if the plasma were not

492

00:17:37,830 --> 00:17:35,200

there

493

00:17:39,990 --> 00:17:37,840

and not only that but you can feed an

494

00:17:42,789 --> 00:17:40,000

electrical signal into the plasma

495

00:17:44,630 --> 00:17:42,799

to cancel out the sound waves that would

496

00:17:47,510 --> 00:17:44,640

normally come out of the plasma

497

00:17:49,669 --> 00:17:47,520

so effectively you can use the plasma to

498

00:17:51,590 --> 00:17:49,679

mask the sound of the ufo

499

00:17:52,950 --> 00:17:51,600

now that may be happening intentionally

500

00:17:56,350 --> 00:17:52,960

or unintentionally

501  
00:17:59,430 --> 00:17:56,360  
but if you look at my website ufo uap

502  
00:18:00,950 --> 00:17:59,440  
behavior.com you will find a video

503  
00:18:02,789 --> 00:18:00,960  
um of a product that you can actually go

504  
00:18:05,270 --> 00:18:02,799  
out and buy which is a

505  
00:18:06,630 --> 00:18:05,280  
arc a corona a little device that has a

506  
00:18:09,190 --> 00:18:06,640  
glowing corona on it

507  
00:18:11,430 --> 00:18:09,200  
electrical corona and it actually plays

508  
00:18:13,270 --> 00:18:11,440  
music from the corona believe it or not

509  
00:18:15,510 --> 00:18:13,280  
you actually pump audio signals into

510  
00:18:16,230 --> 00:18:15,520  
this corona and the corona is acting as

511  
00:18:18,070 --> 00:18:16,240  
a speaker

512  
00:18:19,669 --> 00:18:18,080  
and what i'm telling you is the corona

513  
00:18:22,150 --> 00:18:19,679

can act in the negative way

514

00:18:23,909 --> 00:18:22,160

you can also cancel sounds out using

515

00:18:25,830 --> 00:18:23,919

sound cancellation methods

516

00:18:27,110 --> 00:18:25,840

so between the pressure drop and the

517

00:18:28,549 --> 00:18:27,120

reflection

518

00:18:30,710 --> 00:18:28,559

and the electrical method i just

519

00:18:31,510 --> 00:18:30,720

described you about either one of those

520

00:18:35,110 --> 00:18:31,520

on its own

521

00:18:36,950 --> 00:18:35,120

can fully explain the silence of ufos

522

00:18:38,950 --> 00:18:36,960

i cannot understand why i've never heard

523

00:18:40,390 --> 00:18:38,960

this before it's fairly it would be

524

00:18:43,270 --> 00:18:40,400

fairly obvious

525

00:18:44,070 --> 00:18:43,280

to anyone familiar with plasmas or

526

00:18:46,470 --> 00:18:44,080

familiar with

527

00:18:47,669 --> 00:18:46,480

acoustics so i i just don't get it why

528

00:18:49,830 --> 00:18:47,679

haven't i

529

00:18:51,830 --> 00:18:49,840

i might connect you to the gentleman

530

00:18:55,110 --> 00:18:51,840

over at the scu

531

00:18:58,150 --> 00:18:55,120

the scientific um study of uap

532

00:18:59,110 --> 00:18:58,160

yes uh well i i probably just got the

533

00:19:01,909 --> 00:18:59,120

acronym all wrong

534

00:19:03,430 --> 00:19:01,919

there but um there's there's a couple of

535

00:19:04,870 --> 00:19:03,440

questions that are popping in already

536

00:19:08,870 --> 00:19:04,880

this one here

537

00:19:11,590 --> 00:19:08,880

from uh luis hi luis would

538

00:19:12,470 --> 00:19:11,600

or could that explain why the nature

539

00:19:14,710 --> 00:19:12,480

seems to

540

00:19:16,630 --> 00:19:14,720

be quiet on a lot of ufos i think the

541

00:19:17,669 --> 00:19:16,640

reason the nature goes quiet is two

542

00:19:20,870 --> 00:19:17,679

reasons

543

00:19:24,230 --> 00:19:20,880

if the nature around you is

544

00:19:26,950 --> 00:19:24,240

within the zone of the propulsion field

545

00:19:27,830 --> 00:19:26,960

it may well double dull the sound of the

546

00:19:29,990 --> 00:19:27,840

animals

547

00:19:31,029 --> 00:19:30,000

however i think with respect to most

548

00:19:34,390 --> 00:19:31,039

animals

549

00:19:37,110 --> 00:19:34,400

they do two things they either panic

550

00:19:39,110 --> 00:19:37,120

as you know if you've read many yeah he

551  
00:19:39,590 --> 00:19:39,120  
says cows run around jump up in the air

552  
00:19:42,789 --> 00:19:39,600  
and yeah

553  
00:19:45,990 --> 00:19:42,799  
horses can float themselves to death or

554  
00:19:48,390 --> 00:19:46,000  
they go totally silent like birds yeah

555  
00:19:50,230 --> 00:19:48,400  
it's like an evil goes over insects even

556  
00:19:52,630 --> 00:19:50,240  
birds do needles go over they

557  
00:19:53,510 --> 00:19:52,640  
shut up and hide because they want to

558  
00:19:55,510 --> 00:19:53,520  
live

559  
00:19:56,870 --> 00:19:55,520  
and that's what a lot of birds do that's

560  
00:19:58,549 --> 00:19:56,880  
what animals do

561  
00:20:00,470 --> 00:19:58,559  
um so that's not a mystery i think

562  
00:20:03,830 --> 00:20:00,480  
that's a combination effect

563  
00:20:05,669 --> 00:20:03,840

i would say that 60 40 60 fear

564

00:20:07,510 --> 00:20:05,679

and 40 the other mechanism i talked

565

00:20:09,029 --> 00:20:07,520

about but animals are

566

00:20:10,549 --> 00:20:09,039

you know they're almost as smart as we

567

00:20:12,710 --> 00:20:10,559

are maybe smarter

568

00:20:14,149 --> 00:20:12,720

um in some ways yeah yeah particularly

569

00:20:17,350 --> 00:20:14,159

intuitive in a lot of ways

570

00:20:20,390 --> 00:20:17,360

yeah yeah so um they they know

571

00:20:24,310 --> 00:20:20,400

when to uh disappear

572

00:20:26,390 --> 00:20:24,320

here's a another question um

573

00:20:28,390 --> 00:20:26,400

so you were talking about the possible

574

00:20:31,430 --> 00:20:28,400

propulsion there just a minute ago

575

00:20:34,470 --> 00:20:31,440

uh would that same theory

576

00:20:37,110 --> 00:20:34,480

work in a vacuum basically okay

577

00:20:39,830 --> 00:20:37,120

the comment i made about forming a

578

00:20:43,750 --> 00:20:39,840

partial vacuum

579

00:20:46,390 --> 00:20:43,760

any ufo that has any kind of projected

580

00:20:46,870 --> 00:20:46,400

force field outside of it so let's say

581

00:20:49,350 --> 00:20:46,880

let's

582

00:20:51,110 --> 00:20:49,360

say for arguments take it's designed to

583

00:20:53,430 --> 00:20:51,120

push on the ground

584

00:20:54,789 --> 00:20:53,440

and push the ufo up in the air okay

585

00:20:56,230 --> 00:20:54,799

levitate the ufo

586

00:20:57,909 --> 00:20:56,240

or the earth it's going to push on the

587

00:21:00,070 --> 00:20:57,919

earth okay

588

00:21:02,070 --> 00:21:00,080

you cannot push on the earth without

589

00:21:05,590 --> 00:21:02,080

pushing on the air

590

00:21:07,110 --> 00:21:05,600

okay it's in this path the air is going

591

00:21:08,230 --> 00:21:07,120

to get pushed aside the pressure is

592

00:21:10,870 --> 00:21:08,240

going to reduce

593

00:21:12,470 --> 00:21:10,880

and there's hundreds of cases of

594

00:21:15,430 --> 00:21:12,480

witnesses

595

00:21:16,630 --> 00:21:15,440

under ufos that have felt cold breezes

596

00:21:18,710 --> 00:21:16,640

coming down

597

00:21:20,549 --> 00:21:18,720

or russia's severe where trees got bent

598

00:21:23,350 --> 00:21:20,559

over how about pressure i

599

00:21:24,710 --> 00:21:23,360

i had a friend from australia her

600

00:21:26,070 --> 00:21:24,720

grandmother felt like they were being

601

00:21:28,149 --> 00:21:26,080

almost like pushed

602

00:21:29,990 --> 00:21:28,159

that's exactly what i'm talking about

603

00:21:32,149 --> 00:21:30,000

wow you get a very strong breeze

604

00:21:33,029 --> 00:21:32,159

because the air especially if they turn

605

00:21:36,710 --> 00:21:33,039

on the

606

00:21:39,669 --> 00:21:36,720

propulsion high speed intensely

607

00:21:41,270 --> 00:21:39,679

you push a lot of air very quickly when

608

00:21:43,510 --> 00:21:41,280

you decompress the air

609

00:21:44,390 --> 00:21:43,520

and you reduce the pressure the laws

610

00:21:47,270 --> 00:21:44,400

that did

611

00:21:48,149 --> 00:21:47,280

thermodynamics are are you're going to

612

00:21:51,110 --> 00:21:48,159

get what you get

613

00:21:51,909 --> 00:21:51,120

you can't help it the air cools it gets

614

00:21:55,110 --> 00:21:51,919

called

615

00:21:57,029 --> 00:21:55,120

and that's why so many witnesses of ufos

616

00:21:58,549 --> 00:21:57,039

have been underneath disk type ufos i'm

617

00:22:01,909 --> 00:21:58,559

talking about

618

00:22:03,190 --> 00:22:01,919

feel cold feel cold breezes as you may

619

00:22:05,990 --> 00:22:03,200

know there's one case

620

00:22:07,190 --> 00:22:06,000

in canada i think it was of this ufo

621

00:22:08,390 --> 00:22:07,200

landing in a quarry where there was a

622

00:22:09,990 --> 00:22:08,400

puddle

623

00:22:11,510 --> 00:22:10,000

and it hovered over the pot of the one

624

00:22:13,990 --> 00:22:11,520

in the puddle and the pedal froze

625

00:22:16,470 --> 00:22:14,000

it was like 60 degrees out that's a good

626

00:22:20,789 --> 00:22:16,480

example of what i'm talking about

627

00:22:24,549 --> 00:22:20,799

but force fields no matter how they work

628

00:22:27,830 --> 00:22:24,559

will push on everything the earth or

629

00:22:30,070 --> 00:22:27,840

the air and

630

00:22:31,110 --> 00:22:30,080

they will work in space it doesn't

631

00:22:34,710 --> 00:22:31,120

matter if there's no

632

00:22:37,510 --> 00:22:34,720

air if one of those directed its thrust

633

00:22:38,549 --> 00:22:37,520

towards the earth you would get some

634

00:22:40,950 --> 00:22:38,559

amount

635

00:22:42,230 --> 00:22:40,960

of force how much we don't know i'll

636

00:22:43,270 --> 00:22:42,240

talk up a little bit more about that

637

00:22:45,750 --> 00:22:43,280

later

638

00:22:47,270 --> 00:22:45,760

but at least when they're close to the

639

00:22:50,230 --> 00:22:47,280

ground or on the ground

640

00:22:51,190 --> 00:22:50,240

they definitely couple to the ground

641

00:22:53,590 --> 00:22:51,200

about that

642

00:22:54,549 --> 00:22:53,600

this is uh have you ever looked into the

643

00:22:57,590 --> 00:22:54,559

hazeldine

644

00:22:59,830 --> 00:22:57,600

uh lights yes

645

00:23:00,710 --> 00:22:59,840

i don't i don't want to um disappoint

646

00:23:03,590 --> 00:23:00,720

anybody or

647

00:23:04,310 --> 00:23:03,600

or anything i've no no i i don't care

648

00:23:06,630 --> 00:23:04,320

disappoint

649

00:23:07,750 --> 00:23:06,640

i i like to hear what people think

650

00:23:09,750 --> 00:23:07,760

doesn't matter

651  
00:23:11,990 --> 00:23:09,760  
for years uh i've been looking at the

652  
00:23:12,549 --> 00:23:12,000  
website i actually have a software

653  
00:23:15,909 --> 00:23:12,559  
clipper

654  
00:23:19,110 --> 00:23:15,919  
on it for anything new uh but so far

655  
00:23:21,190 --> 00:23:19,120  
it appears that uh most or all of that

656  
00:23:24,390 --> 00:23:21,200  
stuff is related to the stress in the

657  
00:23:25,510 --> 00:23:24,400  
in the hills in the mountains from moon

658  
00:23:29,270 --> 00:23:25,520  
tides

659  
00:23:32,149 --> 00:23:29,280  
to the

660  
00:23:33,270 --> 00:23:32,159  
moon you get from rot from solid rock

661  
00:23:35,110 --> 00:23:33,280  
you get an effect called the

662  
00:23:37,909 --> 00:23:35,120  
piezoelectric effect

663  
00:23:38,710 --> 00:23:37,919

and that is when you strain rocks like

664

00:23:41,909 --> 00:23:38,720

quartz

665

00:23:43,430 --> 00:23:41,919

and other rocks they create a voltage

666

00:23:44,789 --> 00:23:43,440

if you create enough voltage you're

667

00:23:46,149 --> 00:23:44,799

going to create an arc you're going to

668

00:23:48,149 --> 00:23:46,159

create a corona

669

00:23:49,590 --> 00:23:48,159

you're going to create a broke down and

670

00:23:50,310 --> 00:23:49,600

if it's in the dark you're going to see

671

00:23:53,909 --> 00:23:50,320

it

672

00:23:56,230 --> 00:23:53,919

has stalin

673

00:23:57,350 --> 00:23:56,240

uh i'm very familiar with it um they've

674

00:23:58,870 --> 00:23:57,360

used spectrographic

675

00:24:00,549 --> 00:23:58,880

uh techniques and everything to try to

676

00:24:02,230 --> 00:24:00,559

figure out what wavelength

677

00:24:04,950 --> 00:24:02,240

the light is and you know essentially

678

00:24:07,750 --> 00:24:04,960

their plasmas which is not surprising

679

00:24:09,110 --> 00:24:07,760

same as with ufos they're ear plasmas

680

00:24:10,070 --> 00:24:09,120

anything that is sliced the ear to a

681

00:24:11,909 --> 00:24:10,080

plasma

682

00:24:13,269 --> 00:24:11,919

you're looking at nitrogen and oxygen

683

00:24:15,830 --> 00:24:13,279

and the impurities

684

00:24:16,870 --> 00:24:15,840

that are being uh driven into being a

685

00:24:18,710 --> 00:24:16,880

plasma

686

00:24:20,710 --> 00:24:18,720

when you look at a ufo and you see the

687

00:24:21,830 --> 00:24:20,720

blue you're seeing primarily nitrogen

688

00:24:24,390 --> 00:24:21,840

plasma

689

00:24:26,470 --> 00:24:24,400

when you see primarily red you're seeing

690

00:24:27,909 --> 00:24:26,480

primarily oxygen plasma

691

00:24:29,830 --> 00:24:27,919

we could talk a little bit more about

692

00:24:30,230 --> 00:24:29,840

that later well you know i got to tell

693

00:24:33,510 --> 00:24:30,240

you the

694

00:24:37,909 --> 00:24:33,520

the ufo sighting that i had

695

00:24:41,350 --> 00:24:37,919

in uh carmel valley back in 2006

696

00:24:42,390 --> 00:24:41,360

um it had it was a disc a perfect shaped

697

00:24:44,710 --> 00:24:42,400

disc

698

00:24:45,430 --> 00:24:44,720

but it had a blue glow around it there

699

00:24:47,350 --> 00:24:45,440

you go

700

00:24:49,750 --> 00:24:47,360

i haven't heard a lot of people say that

701  
00:24:50,230 --> 00:24:49,760  
i mean the best way i can describe it it

702  
00:25:00,390 --> 00:24:50,240  
was

703  
00:25:01,350 --> 00:25:00,400  
it it actually stopped and moved it

704  
00:25:04,549 --> 00:25:01,360  
didn't change that

705  
00:25:06,470 --> 00:25:04,559  
glow did not change okay yeah you're

706  
00:25:11,110 --> 00:25:06,480  
looking at the nitrogen plasma

707  
00:25:12,870 --> 00:25:11,120  
no mystery wow the people studying ufos

708  
00:25:14,310 --> 00:25:12,880  
particularly in the government and they

709  
00:25:17,510 --> 00:25:14,320  
all know this stuff

710  
00:25:19,029 --> 00:25:17,520  
is there's no secret well you know they

711  
00:25:20,789 --> 00:25:19,039  
know much more

712  
00:25:22,149 --> 00:25:20,799  
than what we think they know believe me

713  
00:25:24,070 --> 00:25:22,159

they know a lot

714

00:25:26,070 --> 00:25:24,080

i was i had a secret clearance for quite

715

00:25:28,549 --> 00:25:26,080

a while my first job

716

00:25:30,789 --> 00:25:28,559

at draper and although that wouldn't do

717

00:25:35,269 --> 00:25:30,799

anything with ufos there believe me

718

00:25:38,630 --> 00:25:36,950

there's a lot of smart people working

719

00:25:39,990 --> 00:25:38,640

from the government despite everything

720

00:25:42,310 --> 00:25:40,000

you hear

721

00:25:43,350 --> 00:25:42,320

there's a lot of very very sharp people

722

00:25:45,750 --> 00:25:43,360

and i got to meet

723

00:25:47,909 --> 00:25:45,760

some of them and yeah they're probably

724

00:25:49,430 --> 00:25:47,919

cuddled and they got their own office

725

00:25:51,350 --> 00:25:49,440

and they buy whatever the hell they want

726  
00:25:53,830 --> 00:25:51,360  
for equipment but

727  
00:25:55,669 --> 00:25:53,840  
um there's a lot of very smart people

728  
00:25:57,190 --> 00:25:55,679  
working for the government

729  
00:25:58,870 --> 00:25:57,200  
there's also a lot of dummies i mean

730  
00:26:00,149 --> 00:25:58,880  
just like with any any corporation or

731  
00:26:01,990 --> 00:26:00,159  
company or whatever

732  
00:26:04,070 --> 00:26:02,000  
there's a big election right but the

733  
00:26:04,870 --> 00:26:04,080  
government has a lot of very smart

734  
00:26:07,669 --> 00:26:04,880  
people

735  
00:26:08,310 --> 00:26:07,679  
a lot of mountains um i'm not one of

736  
00:26:10,789 --> 00:26:08,320  
them but

737  
00:26:12,310 --> 00:26:10,799  
um so would you think you know this is a

738  
00:26:15,029 --> 00:26:12,320

question i often ask

739

00:26:16,710 --> 00:26:15,039

um do you think the government knows a

740

00:26:17,909 --> 00:26:16,720

lot more than we do or a little bit more

741

00:26:19,669 --> 00:26:17,919

than we do

742

00:26:21,830 --> 00:26:19,679

uh i know that i believe they know a

743

00:26:24,390 --> 00:26:21,840

hell of a lot more than we do

744

00:26:25,029 --> 00:26:24,400

uh the parts i have a hard time

745

00:26:26,710 --> 00:26:25,039

believing

746

00:26:28,789 --> 00:26:26,720

because i think from a pragmatic point

747

00:26:30,630 --> 00:26:28,799

of view it would have come out by now

748

00:26:31,830 --> 00:26:30,640

is i don't think they have an entire

749

00:26:34,789 --> 00:26:31,840

craft

750

00:26:35,990 --> 00:26:34,799

anywhere i know that comes up and

751  
00:26:38,310 --> 00:26:36,000  
believe me i read

752  
00:26:39,190 --> 00:26:38,320  
everything i've read every news item on

753  
00:26:41,430 --> 00:26:39,200  
roswell

754  
00:26:43,350 --> 00:26:41,440  
what is it a quarter million now i've

755  
00:26:45,909 --> 00:26:43,360  
read them all

756  
00:26:46,390 --> 00:26:45,919  
um roswell is an interracine case but

757  
00:26:50,830 --> 00:26:46,400  
i'm

758  
00:26:53,430 --> 00:26:50,840  
was the that was actually the mogul

759  
00:26:55,990 --> 00:26:53,440  
balloon and they really screwed up

760  
00:26:56,630 --> 00:26:56,000  
when they first came out and said it was

761  
00:26:58,310 --> 00:26:56,640  
a ufc

762  
00:27:00,149 --> 00:26:58,320  
disc but if you go back and look

763  
00:27:01,750 --> 00:27:00,159

historically at what point in time that

764

00:27:03,750 --> 00:27:01,760

was it that happened

765

00:27:05,029 --> 00:27:03,760

that was right around the time of the

766

00:27:08,470 --> 00:27:05,039

peak of a ufo

767

00:27:09,830 --> 00:27:08,480

wave when ken arnold saw his ufo now i

768

00:27:11,190 --> 00:27:09,840

don't know if he saw it

769

00:27:12,310 --> 00:27:11,200

two or three weeks before or two or

770

00:27:13,430 --> 00:27:12,320

three yeah it was two or three weeks

771

00:27:16,470 --> 00:27:13,440

before in june

772

00:27:18,070 --> 00:27:16,480

yeah so i mean people were hysterical

773

00:27:20,389 --> 00:27:18,080

and especially the military and i can

774

00:27:22,950 --> 00:27:20,399

imagine the military guys saying hey

775

00:27:25,190 --> 00:27:22,960

we want to have a ufo before the base

776

00:27:28,710 --> 00:27:25,200

over the hill has seized one

777

00:27:31,190 --> 00:27:28,720

first it could be that simple yeah

778

00:27:32,710 --> 00:27:31,200

i don't know no i'm trying i honestly

779

00:27:34,710 --> 00:27:32,720

got i don't want to disappoint all the

780

00:27:38,389 --> 00:27:34,720

people that believe in roswell

781

00:27:41,669 --> 00:27:38,399

because i tell you ufos are real

782

00:27:42,149 --> 00:27:41,679

there's absolutely no shortage of cases

783

00:27:46,630 --> 00:27:42,159

that are

784

00:27:49,669 --> 00:27:46,640

far far far more convincing than roswell

785

00:27:51,269 --> 00:27:49,679

um i love stan friedman bless his soul

786

00:27:54,549 --> 00:27:51,279

and rest in peace

787

00:27:57,110 --> 00:27:54,559

uh he did a great investigation but uh

788

00:27:58,789 --> 00:27:57,120

ufos are real there's absolutely no

789

00:27:59,590 --> 00:27:58,799

question about it i'd stick my life on

790

00:28:03,269 --> 00:27:59,600

it

791

00:28:05,669 --> 00:28:03,279

you're going to say

792

00:28:07,269 --> 00:28:05,679

but ufo is a real butt and then we were

793

00:28:10,070 --> 00:28:07,279

talking about roswell

794

00:28:11,590 --> 00:28:10,080

um because there's a lot of questions

795

00:28:13,269 --> 00:28:11,600

about roswell i got into quite a

796

00:28:14,389 --> 00:28:13,279

conversation with alejandra rojas and

797

00:28:18,070 --> 00:28:14,399

his show

798

00:28:21,669 --> 00:28:18,080

uh i think it was last friday yeah um

799

00:28:24,630 --> 00:28:21,679

you know he's not buying that uh ufos

800

00:28:25,669 --> 00:28:24,640

it was actually a ufo crash and uh i'm

801  
00:28:27,669 --> 00:28:25,679  
not really sure

802  
00:28:28,789 --> 00:28:27,679  
you know i mean but that has always been

803  
00:28:31,909 --> 00:28:28,799  
the big question

804  
00:28:33,669 --> 00:28:31,919  
why would they ever say that the army

805  
00:28:35,990 --> 00:28:33,679  
air force has captured a disc

806  
00:28:36,950 --> 00:28:36,000  
i think that's such a crazy thing to say

807  
00:28:39,830 --> 00:28:36,960  
you know

808  
00:28:40,310 --> 00:28:39,840  
ego you think so sure you think it was

809  
00:28:44,789 --> 00:28:40,320  
that

810  
00:28:47,350 --> 00:28:44,799  
wow and i'm sure they would have shot

811  
00:28:49,029 --> 00:28:47,360  
anyone that went anywhere near the moga

812  
00:28:50,310 --> 00:28:49,039  
balloon wreckage because it was top

813  
00:28:51,909 --> 00:28:50,320

secret

814

00:28:53,990 --> 00:28:51,919

we did not want the russians to know

815

00:28:54,710 --> 00:28:54,000

that we could hear their a-bombs going

816

00:28:56,389 --> 00:28:54,720

off

817

00:28:58,549 --> 00:28:56,399

well the only the only okay here's

818

00:29:01,669 --> 00:28:58,559

here's the question i also had for him

819

00:29:03,590 --> 00:29:01,679

uh as far as the skeptic of roswell yeah

820

00:29:05,830 --> 00:29:03,600

and that is why did they bother to fly

821

00:29:07,510 --> 00:29:05,840

that to right field then

822

00:29:09,430 --> 00:29:07,520

if they knew what it was you make

823

00:29:10,389 --> 00:29:09,440

absolutely sure you know the military is

824

00:29:16,070 --> 00:29:10,399

dot the i cross

825

00:29:20,389 --> 00:29:18,870

yeah um so there there are there are a

826

00:29:22,149 --> 00:29:20,399

lot of questions popping and i don't

827

00:29:24,710 --> 00:29:22,159

know if you want me to continue

828

00:29:26,630 --> 00:29:24,720

popping up the questions or i'm happy

829

00:29:28,389 --> 00:29:26,640

with this um i will i will make sure

830

00:29:29,190 --> 00:29:28,399

that i say the parts i really want to

831

00:29:32,389 --> 00:29:29,200

say

832

00:29:33,029 --> 00:29:32,399

okay and when when we go into the um

833

00:29:36,149 --> 00:29:33,039

angel

834

00:29:39,510 --> 00:29:36,159

hair evidence i just wanted to let the

835

00:29:39,990 --> 00:29:39,520

the listener know uh because here on

836

00:29:43,029 --> 00:29:40,000

youtube

837

00:29:45,269 --> 00:29:43,039

you will see a powerpoint that he

838

00:29:46,870 --> 00:29:45,279

uh jack is going to be going through on

839

00:29:48,630 --> 00:29:46,880

some of the work he's done on that

840

00:29:50,549 --> 00:29:48,640

but i did want everyone to know that's

841

00:29:53,110 --> 00:29:50,559

also going to be

842

00:29:55,269 --> 00:29:53,120

in the show notes so if you're an audio

843

00:29:57,269 --> 00:29:55,279

listener don't be discouraged

844

00:29:58,870 --> 00:29:57,279

just click on the show notes uh wherever

845

00:30:00,630 --> 00:29:58,880

you find your podcast

846

00:30:01,830 --> 00:30:00,640

and uh it'll go in the powerpoint will

847

00:30:02,549 --> 00:30:01,840

be right there you can go through it and

848

00:30:04,470 --> 00:30:02,559

take a look

849

00:30:06,870 --> 00:30:04,480

right and we'll try to put it up i i

850

00:30:08,789 --> 00:30:06,880

hope we don't mess it up or i'll mess it

851  
00:30:10,870 --> 00:30:08,799  
up

852  
00:30:12,470 --> 00:30:10,880  
this is going to turn your head about

853  
00:30:15,750 --> 00:30:12,480  
six times

854  
00:30:20,230 --> 00:30:15,760  
um uh angel here

855  
00:30:22,389 --> 00:30:20,240  
has been going on for centuries

856  
00:30:23,909 --> 00:30:22,399  
the most spectacular cases are

857  
00:30:28,230 --> 00:30:23,919  
absolutely

858  
00:30:31,669 --> 00:30:28,240  
mind-bending even to the most

859  
00:30:35,350 --> 00:30:31,679  
uh i don't know aggressive

860  
00:30:38,630 --> 00:30:35,360  
ufo believer you will be surprised

861  
00:30:42,310 --> 00:30:38,640  
well the only one i had heard of uh

862  
00:30:45,510 --> 00:30:42,320  
years ago was a case where the woman um

863  
00:30:46,789 --> 00:30:45,520

collected it on her trees um and you

864

00:30:49,029 --> 00:30:46,799

probably know of that case

865

00:30:50,310 --> 00:30:49,039

it was oh yeah okay i'll tell you what

866

00:30:52,789 --> 00:30:50,320

let's skip that because that's

867

00:30:55,830 --> 00:30:52,799

definitely small potatoes

868

00:30:57,029 --> 00:30:55,840

okay do you want it why don't you i

869

00:30:59,029 --> 00:30:57,039

don't know if you want to go into the

870

00:31:00,230 --> 00:30:59,039

presentation or you just want to talk

871

00:31:01,590 --> 00:31:00,240

there are a lot of people that are

872

00:31:02,549 --> 00:31:01,600

scratching their head right now saying

873

00:31:05,269 --> 00:31:02,559

what the heck

874

00:31:06,789 --> 00:31:05,279

okay uh what is angel hair can you

875

00:31:10,549 --> 00:31:06,799

remind me how to uh

876

00:31:14,630 --> 00:31:14,149

okay um so let's start with what angel

877

00:31:16,310 --> 00:31:14,640

here

878

00:31:18,950 --> 00:31:16,320

is because not everybody knows what it

879

00:31:20,230 --> 00:31:18,960

is essentially what it is is if you're

880

00:31:20,549 --> 00:31:20,240

standing on the ground you're going to

881

00:31:23,509 --> 00:31:20,559

see

882

00:31:24,630 --> 00:31:23,519

white fibrous material that looks like

883

00:31:28,070 --> 00:31:24,640

cotton

884

00:31:30,070 --> 00:31:28,080

or looks like spiderweb falling

885

00:31:31,190 --> 00:31:30,080

on the land around you or under the

886

00:31:34,470 --> 00:31:31,200

trees

887

00:31:35,750 --> 00:31:34,480

telephone wires buildings or even out at

888

00:31:39,990 --> 00:31:35,760

sea

889

00:31:42,549 --> 00:31:40,000

and that's it comes down lots of places

890

00:31:43,909 --> 00:31:42,559

and typically when it comes down it's

891

00:31:48,070 --> 00:31:43,919

coming down from a silent

892

00:31:50,870 --> 00:31:48,080

uap a ufo typically a spherical ufo

893

00:31:51,750 --> 00:31:50,880

although cigars and discs also have

894

00:31:55,430 --> 00:31:51,760

dumped

895

00:31:58,149 --> 00:31:55,440

angel here and as i said there's been

896

00:32:00,070 --> 00:31:58,159

probably at least a hundred cases where

897

00:32:03,190 --> 00:32:00,080

the ufo passed overhead within

898

00:32:03,509 --> 00:32:03,200

sight and you could stand there and see

899

00:32:13,190 --> 00:32:03,519

the

900

00:32:14,149 --> 00:32:13,200

saugus massachusetts in 1955 i think it

901  
00:32:15,909 --> 00:32:14,159  
was

902  
00:32:17,269 --> 00:32:15,919  
with a little girl ran in and told mommy

903  
00:32:18,950 --> 00:32:17,279  
mommy come on and look the biggest

904  
00:32:20,470 --> 00:32:18,960  
spider webs in the world

905  
00:32:22,549 --> 00:32:20,480  
and she went out and there was this

906  
00:32:23,669 --> 00:32:22,559  
enormous sphere probably about 100 feet

907  
00:32:25,750 --> 00:32:23,679  
in diameter

908  
00:32:27,590 --> 00:32:25,760  
and this angel here was spewing off of

909  
00:32:30,950 --> 00:32:27,600  
it and it fell off the ground

910  
00:32:33,750 --> 00:32:30,960  
and as all angel here does it eventually

911  
00:32:35,590 --> 00:32:33,760  
evaporates many people refer to that as

912  
00:32:36,389 --> 00:32:35,600  
sublimation you may be familiar with dry

913  
00:32:38,310 --> 00:32:36,399

ice

914

00:32:39,750 --> 00:32:38,320

dry eye sublimates without leaving any

915

00:32:41,190 --> 00:32:39,760

water puddle

916

00:32:43,350 --> 00:32:41,200

up doesn't leave a puddle it just

917

00:32:46,389 --> 00:32:43,360

disappears so people have called it

918

00:32:48,549 --> 00:32:46,399

sublimating so any rate angel hair

919

00:32:49,590 --> 00:32:48,559

looks comes down sometimes as single

920

00:32:53,590 --> 00:32:49,600

fibers

921

00:32:56,630 --> 00:32:53,600

but mostly as tangled wubs wads

922

00:32:57,590 --> 00:32:56,640

of the stuff or strands up to 50 feet

923

00:33:00,070 --> 00:32:57,600

long

924

00:33:02,710 --> 00:33:00,080

and in the worst cases or i guess i

925

00:33:06,149 --> 00:33:02,720

would regard them as the best cases

926

00:33:08,310 --> 00:33:06,159

trees and fences barbed wire roofs

927

00:33:09,990 --> 00:33:08,320

even sports fields are completely

928

00:33:12,149 --> 00:33:10,000

covered with the stuff

929

00:33:13,509 --> 00:33:12,159

so it looks like the ground is painted

930

00:33:17,190 --> 00:33:13,519

silver

931

00:33:20,710 --> 00:33:17,200

one of the most famous cases happened in

932

00:33:22,310 --> 00:33:20,720

italy and it was in 1954 i think it was

933

00:33:25,430 --> 00:33:22,320

it's on the website

934

00:33:27,590 --> 00:33:25,440

um it's on the uh i think it's mentioned

935

00:33:29,990 --> 00:33:27,600

here in the powerpoint someplace as well

936

00:33:31,750 --> 00:33:30,000

but during a soccer game with 10 000

937

00:33:35,430 --> 00:33:31,760

people in the stands

938

00:33:38,710 --> 00:33:35,440

two ufos one disc and one sphere

939

00:33:39,750 --> 00:33:38,720

came over the active soccer game 10 000

940

00:33:42,310 --> 00:33:39,760

people

941

00:33:44,070 --> 00:33:42,320

and dived and swooned and looked like

942

00:33:47,029 --> 00:33:44,080

they were playing with each other

943

00:33:48,389 --> 00:33:47,039

and they dumped a lot of angel here not

944

00:33:51,029 --> 00:33:48,399

only on the field

945

00:33:52,070 --> 00:33:51,039

but on the 10 000 people and on the

946

00:33:53,909 --> 00:33:52,080

players

947

00:33:55,190 --> 00:33:53,919

this made the front page of the news

948

00:33:58,950 --> 00:33:55,200

believe me

949

00:34:00,549 --> 00:33:58,960

um and there were two or three people

950

00:34:03,269 --> 00:34:00,559

out there

951  
00:34:05,029 --> 00:34:03,279  
at the site who were smart enough to go

952  
00:34:07,029 --> 00:34:05,039  
out and collect some of this stuff and

953  
00:34:10,710 --> 00:34:07,039  
put it in a sealed bottle

954  
00:34:12,629 --> 00:34:10,720  
and they did that and it got analyzed

955  
00:34:14,230 --> 00:34:12,639  
and that's the exciting part so i'll get

956  
00:34:17,430 --> 00:34:14,240  
to the uh analyzation

957  
00:34:20,230 --> 00:34:17,440  
in it in a minute so in more than half

958  
00:34:23,030 --> 00:34:20,240  
of all cases when you see angel here

959  
00:34:24,790 --> 00:34:23,040  
it sublimates it disappears if you just

960  
00:34:27,510 --> 00:34:24,800  
let it sit there on the grass

961  
00:34:28,230 --> 00:34:27,520  
it'll just get smaller and smaller and

962  
00:34:30,389 --> 00:34:28,240  
disappear

963  
00:34:31,909 --> 00:34:30,399

and what's happening is it's converting

964

00:34:34,550 --> 00:34:31,919

directly to a vapor

965

00:34:35,109 --> 00:34:34,560

and going away that happens anywhere

966

00:34:38,149 --> 00:34:35,119

between

967

00:34:42,389 --> 00:34:38,159

2 and 20 minutes there is no

968

00:34:45,510 --> 00:34:42,399

visible residue whatsoever absolutely

969

00:34:49,990 --> 00:34:45,520

none there is no

970

00:34:51,909 --> 00:34:50,000

stain and there's virtually no smell

971

00:34:53,589 --> 00:34:51,919

um just just a question well first of

972

00:34:56,069 --> 00:34:53,599

all are you are you going to be

973

00:34:57,109 --> 00:34:56,079

forwarding through the powerpoint at

974

00:34:59,349 --> 00:34:57,119

some point

975

00:35:00,790 --> 00:34:59,359

forwarding what um it's just staying on

976

00:35:03,030 --> 00:35:00,800

one page i just wondered if you were

977

00:35:04,630 --> 00:35:03,040

going to show more

978

00:35:06,390 --> 00:35:04,640

oh if i do that i'll just have you click

979

00:35:09,190 --> 00:35:06,400

to the next one yeah

980

00:35:10,310 --> 00:35:09,200

oh no you have to do it on your end oh

981

00:35:11,990 --> 00:35:10,320

yeah

982

00:35:13,589 --> 00:35:12,000

anything you do is on your end let's see

983

00:35:17,910 --> 00:35:13,599

if i can do it from my end

984

00:35:21,349 --> 00:35:17,920

okay um so let me just ask you this this

985

00:35:23,430 --> 00:35:21,359

this substance um you said people picked

986

00:35:25,829 --> 00:35:23,440

up samples but is this something

987

00:35:27,750 --> 00:35:25,839

if it lands on a person is it gonna is

988

00:35:29,990 --> 00:35:27,760

it going to be like dry ice i mean

989

00:35:31,270 --> 00:35:30,000

harm the person there's no there are no

990

00:35:33,990 --> 00:35:31,280

burns there's no

991

00:35:35,109 --> 00:35:34,000

grossly negative effect if it lands on

992

00:35:38,150 --> 00:35:35,119

people

993

00:35:39,510 --> 00:35:38,160

we actually had i don't say we a child

994

00:35:41,589 --> 00:35:39,520

actually picked some of this up in a

995

00:35:44,230 --> 00:35:41,599

schoolyard and ate it believe it or not

996

00:35:47,030 --> 00:35:44,240

oh yeah read about that report he said

997

00:35:50,310 --> 00:35:47,040

it tasted pretty bitter but he ate it

998

00:35:50,630 --> 00:35:50,320

um and when you hear when you hear what

999

00:35:53,109 --> 00:35:50,640

it's

1000

00:35:54,870 --> 00:35:53,119

made of you won't be surprised that it

1001  
00:35:56,870 --> 00:35:54,880  
wasn't poisonous

1002  
00:35:58,550 --> 00:35:56,880  
um so at any rate uh between two and

1003  
00:35:59,030 --> 00:35:58,560  
twenty minutes it completely sublimates

1004  
00:36:00,390 --> 00:35:59,040  
so

1005  
00:36:01,670 --> 00:36:00,400  
if it happens out in your yard and you

1006  
00:36:02,550 --> 00:36:01,680  
don't go out pretty quickly it's going

1007  
00:36:04,230 --> 00:36:02,560  
to be gone

1008  
00:36:05,829 --> 00:36:04,240  
but if you do go out quickly you may see

1009  
00:36:09,030 --> 00:36:05,839  
it hanging like tinsel

1010  
00:36:11,430 --> 00:36:09,040  
uh from the from the trees yeah okay

1011  
00:36:13,430 --> 00:36:11,440  
in some of the historic ufo flaps

1012  
00:36:16,150 --> 00:36:13,440  
particularly in the united states

1013  
00:36:17,510 --> 00:36:16,160

in italy all of the angel hair events

1014

00:36:20,550 --> 00:36:17,520

that happen within a month

1015

00:36:23,670 --> 00:36:20,560

or so period all angel here

1016

00:36:26,630 --> 00:36:23,680

sublimated okay

1017

00:36:27,910 --> 00:36:26,640

angel hair has very little smell but

1018

00:36:30,950 --> 00:36:27,920

some people have noticed

1019

00:36:31,910 --> 00:36:30,960

a weak hydrocarbon smell or a campfire

1020

00:36:34,150 --> 00:36:31,920

smell

1021

00:36:35,190 --> 00:36:34,160

and uh camphor's like your mothball is

1022

00:36:37,270 --> 00:36:35,200

put in the closet we

1023

00:36:38,870 --> 00:36:37,280

used to um and i'll we'll talk more

1024

00:36:40,630 --> 00:36:38,880

about that later when i talk about the

1025

00:36:43,109 --> 00:36:40,640

composition of angel here

1026

00:36:45,349 --> 00:36:43,119

um one thing about angel hair is it

1027

00:36:48,069 --> 00:36:45,359

burns like hell if you put a match to it

1028

00:36:49,349 --> 00:36:48,079

it flames up and it's gone almost an

1029

00:36:51,670 --> 00:36:49,359

instant

1030

00:36:54,230 --> 00:36:51,680

we are going to talk frequently uh going

1031

00:36:56,310 --> 00:36:54,240

ahead here about spiderweb

1032

00:36:57,589 --> 00:36:56,320

because historically a lot of people

1033

00:36:59,270 --> 00:36:57,599

came out and said

1034

00:37:01,270 --> 00:36:59,280

when people brought in what they thought

1035

00:37:02,550 --> 00:37:01,280

was angel here it was like oh don't

1036

00:37:04,630 --> 00:37:02,560

worry it's just spider web it's just

1037

00:37:06,630 --> 00:37:04,640

spider web it's just spider web

1038

00:37:07,990 --> 00:37:06,640

okay well the big punch line of my

1039

00:37:10,390 --> 00:37:08,000

presentation is going to turn

1040

00:37:11,270 --> 00:37:10,400

out that the composition believe it or

1041

00:37:12,550 --> 00:37:11,280

not

1042

00:37:14,550 --> 00:37:12,560

you'll find out where the constituents

1043

00:37:17,750 --> 00:37:14,560

come from but the composition

1044

00:37:19,430 --> 00:37:17,760

of spider web is fairly similar to the

1045

00:37:21,589 --> 00:37:19,440

composition of angel here

1046

00:37:23,430 --> 00:37:21,599

fundamentally different but has some

1047

00:37:26,550 --> 00:37:23,440

common constituents

1048

00:37:29,349 --> 00:37:26,560

and those constituents are what cause

1049

00:37:30,710 --> 00:37:29,359

many scientists in the past to say that

1050

00:37:32,630 --> 00:37:30,720

it was spider web

1051  
00:37:34,069 --> 00:37:32,640  
but it is clearly not by their web and

1052  
00:37:35,829 --> 00:37:34,079  
i'm going to go through a list of why

1053  
00:37:37,750 --> 00:37:35,839  
it's not spider web

1054  
00:37:39,589 --> 00:37:37,760  
in a minute angelhair is very

1055  
00:37:40,390 --> 00:37:39,599  
stretchable like a rubber band if you

1056  
00:37:41,910 --> 00:37:40,400  
pull on it

1057  
00:37:44,470 --> 00:37:41,920  
you can stretch it two two and a half

1058  
00:37:46,630 --> 00:37:44,480  
even three x it won't snap back

1059  
00:37:49,190 --> 00:37:46,640  
but it also won't break until you really

1060  
00:37:51,750 --> 00:37:49,200  
stretch it to three or four x

1061  
00:37:53,030 --> 00:37:51,760  
the peak season for angel here is when

1062  
00:37:55,270 --> 00:37:53,040  
it's cool

1063  
00:37:56,230 --> 00:37:55,280

uh towards the end of the year in the

1064

00:37:57,670 --> 00:37:56,240

fall

1065

00:37:59,990 --> 00:37:57,680

and part of the reason for the confusion

1066

00:38:01,349 --> 00:38:00,000

with spiders is because the particular

1067

00:38:03,190 --> 00:38:01,359

kind of spider

1068

00:38:05,430 --> 00:38:03,200

that floats through the sky on a piece

1069

00:38:07,910 --> 00:38:05,440

of silk is called a ballooning spider

1070

00:38:09,510 --> 00:38:07,920

and they also do this in fall and that's

1071

00:38:11,829 --> 00:38:09,520

part of the confusion

1072

00:38:13,030 --> 00:38:11,839

but in real danger heavy falls there are

1073

00:38:15,670 --> 00:38:13,040

no spiders

1074

00:38:16,550 --> 00:38:15,680

in real cobweb falls from ballooning

1075

00:38:23,990 --> 00:38:16,560

spiders

1076

00:38:26,790 --> 00:38:24,000

to move to a new location

1077

00:38:27,910 --> 00:38:26,800

to find new trees to eat new leaves the

1078

00:38:30,069 --> 00:38:27,920

case of angel here

1079

00:38:31,030 --> 00:38:30,079

there are no spiders okay can we go to

1080

00:38:33,270 --> 00:38:31,040

the next slide

1081

00:38:35,430 --> 00:38:33,280

no you're doing it you control the

1082

00:38:38,870 --> 00:38:35,440

powerpoint on your side

1083

00:38:41,030 --> 00:38:38,880

oh oh you can't do it oh no

1084

00:38:42,310 --> 00:38:41,040

well let me let me just keep talking so

1085

00:38:44,630 --> 00:38:42,320

this this instance

1086

00:38:45,430 --> 00:38:44,640

in in italy um i i already told you

1087

00:38:49,270 --> 00:38:45,440

about

1088

00:38:52,069 --> 00:38:49,280

um the the two most outrageous incidents

1089

00:38:53,349 --> 00:38:52,079

happened in 1954.

1090

00:38:55,910 --> 00:38:53,359

some of your viewers are going to be

1091

00:38:59,270 --> 00:38:55,920

familiar with the 1954

1092

00:39:02,790 --> 00:38:59,280

so-called invasion of france uh

1093

00:39:05,910 --> 00:39:02,800

where there were 200 plus cases

1094

00:39:08,950 --> 00:39:05,920

of ufos which all of which landed

1095

00:39:12,550 --> 00:39:08,960

in france of these 200

1096

00:39:14,470 --> 00:39:12,560

something like 100 had things that look

1097

00:39:17,910 --> 00:39:14,480

like humanoids which were

1098

00:39:18,710 --> 00:39:17,920

witnessed of the hundred humanoid

1099

00:39:21,670 --> 00:39:18,720

witnessing

1100

00:39:22,870 --> 00:39:21,680

events about 30 of them involved

1101

00:39:25,270 --> 00:39:22,880

interaction

1102

00:39:27,589 --> 00:39:25,280

with french people on the ground

1103

00:39:30,150 --> 00:39:27,599

including one particular farmer

1104

00:39:31,430 --> 00:39:30,160

where the ufo landed in his lilac field

1105

00:39:34,630 --> 00:39:31,440

he was growing

1106

00:39:38,069 --> 00:39:34,640

not lilacs we call those purple flowers

1107

00:39:40,069 --> 00:39:38,079

i forget tulips no the bushes

1108

00:39:41,430 --> 00:39:40,079

they grow a lot of them in france anyway

1109

00:39:41,990 --> 00:39:41,440

they're purple some people come up with

1110

00:39:43,430 --> 00:39:42,000

it

1111

00:39:45,589 --> 00:39:43,440

but uh he was the farmer of this

1112

00:39:47,190 --> 00:39:45,599

particular plant in the ufo

1113

00:39:49,190 --> 00:39:47,200

he was he went out in the morning to go

1114

00:39:50,790 --> 00:39:49,200

to work to hold his field

1115

00:39:53,430 --> 00:39:50,800

and he noticed a shiny thing in his

1116

00:39:54,950 --> 00:39:53,440

field so he was he was smart

1117

00:39:58,230 --> 00:39:54,960

he went out the back way around the

1118

00:40:01,750 --> 00:39:58,240

trees so he thought it was kids stealing

1119

00:40:04,870 --> 00:40:01,760

his plants and he snuck up on them

1120

00:40:05,750 --> 00:40:04,880

and it was a egg-shaped craft tripod

1121

00:40:08,470 --> 00:40:05,760

legs

1122

00:40:09,349 --> 00:40:08,480

with three small beings about three feet

1123

00:40:10,710 --> 00:40:09,359

high

1124

00:40:12,230 --> 00:40:10,720

and they were ripping his plants out of

1125

00:40:13,589 --> 00:40:12,240

the ground and putting him into the

1126

00:40:15,829 --> 00:40:13,599

craft

1127

00:40:17,589 --> 00:40:15,839

and to make a long story short the thing

1128

00:40:20,390 --> 00:40:17,599

took off and left

1129

00:40:21,510 --> 00:40:20,400

and left him in total shock for a number

1130

00:40:23,270 --> 00:40:21,520

of days

1131

00:40:26,309 --> 00:40:23,280

um there were two or three incidents

1132

00:40:29,349 --> 00:40:26,319

like that during this 1954

1133

00:40:31,670 --> 00:40:29,359

uh wave but the thing i

1134

00:40:33,349 --> 00:40:31,680

reason i bring up the 1954 wave is

1135

00:40:35,910 --> 00:40:33,359

because there were many

1136

00:40:37,670 --> 00:40:35,920

many angel hair events and the two

1137

00:40:42,150 --> 00:40:37,680

biggest in history

1138

00:40:44,390 --> 00:40:42,160

the most gross incredible

1139

00:40:46,309 --> 00:40:44,400

mind-numbing angel hair event you could

1140

00:40:49,510 --> 00:40:46,319

imagine happened

1141

00:40:51,430 --> 00:40:49,520

in france in 1954

1142

00:40:52,550 --> 00:40:51,440

and what happened was in one case it was

1143

00:40:55,990 --> 00:40:52,560

over a town

1144

00:40:57,349 --> 00:40:56,000

called oloron france but i mispronounced

1145

00:40:58,230 --> 00:40:57,359

that for you chocolate if you're

1146

00:41:01,430 --> 00:40:58,240

watching

1147

00:41:02,630 --> 00:41:01,440

and the second one was over a city only

1148

00:41:05,910 --> 00:41:02,640

10 days later

1149

00:41:06,630 --> 00:41:05,920

called galac france and in both of these

1150

00:41:09,670 --> 00:41:06,640

cases

1151

00:41:12,950 --> 00:41:09,680

an enormous enormous cigar

1152

00:41:15,270 --> 00:41:12,960

craft about 300 feet long

1153

00:41:16,150 --> 00:41:15,280

about 300 feet in the year maybe 500

1154

00:41:20,309 --> 00:41:16,160

feet

1155

00:41:23,829 --> 00:41:20,319

came over the top and the craft

1156

00:41:29,589 --> 00:41:27,349

tons and tons and tons of this stuff

1157

00:41:31,349 --> 00:41:29,599

to the ground the entire town was

1158

00:41:35,030 --> 00:41:31,359

completely covered

1159

00:41:38,230 --> 00:41:35,040

and turned white roofs

1160

00:41:40,790 --> 00:41:38,240

buildings everything and

1161

00:41:42,150 --> 00:41:40,800

while this was happening there's no

1162

00:41:43,270 --> 00:41:42,160

question this happened it's in the

1163

00:41:46,950 --> 00:41:43,280

newspapers

1164

00:41:48,790 --> 00:41:46,960

there's hundreds of witnesses the

1165

00:41:50,230 --> 00:41:48,800

cigarcraft which is some kind of mother

1166

00:41:53,430 --> 00:41:50,240

craft

1167

00:41:58,069 --> 00:41:53,440

emitted or disgorged a group of about

1168

00:42:01,349 --> 00:41:58,079

30 small maybe 10 feet in diameter

1169

00:42:02,150 --> 00:42:01,359

saturn type subcraft that looked like

1170

00:42:04,069 --> 00:42:02,160

spheres

1171

00:42:05,750 --> 00:42:04,079

but they had a ring around them they had

1172

00:42:08,390 --> 00:42:05,760

a yellow ring around them

1173

00:42:09,109 --> 00:42:08,400

silver spheres with yellow rings around

1174

00:42:12,309 --> 00:42:09,119

them

1175

00:42:13,510 --> 00:42:12,319

and these subcraft were like playing

1176

00:42:16,150 --> 00:42:13,520

like children

1177

00:42:17,990 --> 00:42:16,160

around this cigar chasing each other

1178

00:42:20,069 --> 00:42:18,000

knocking into each other

1179

00:42:21,829 --> 00:42:20,079

every time the two little silver spheres

1180

00:42:24,950 --> 00:42:21,839

went near each other and parted

1181

00:42:26,870 --> 00:42:24,960

they would leave a string of string of

1182

00:42:29,990 --> 00:42:26,880

angel hair between them so they

1183

00:42:33,190 --> 00:42:30,000

also produced angel here but by

1184

00:42:35,829 --> 00:42:33,200

far the grossest amount was produced

1185

00:42:36,790 --> 00:42:35,839

from the cigar from the top end of the

1186

00:42:40,870 --> 00:42:36,800

cigar

1187

00:42:44,069 --> 00:42:40,880

was hanging about 45 degrees

1188

00:42:47,270 --> 00:42:44,079

in space at altitude

1189

00:42:47,589 --> 00:42:47,280

of about 500 feet and there was just

1190

00:42:51,270 --> 00:42:47,599

this

1191

00:42:54,630 --> 00:42:51,280

eruption of milk colored white

1192

00:42:57,030 --> 00:42:54,640

fibrous matter exploding out of this

1193

00:42:59,030 --> 00:42:57,040

craft for like 20 minutes

1194

00:43:01,109 --> 00:42:59,040

and everybody saw it there was there's

1195

00:43:02,550 --> 00:43:01,119

absolutely no question this happened

1196

00:43:04,630 --> 00:43:02,560

this was one of the cases one of the

1197

00:43:06,950 --> 00:43:04,640

first cases where good samples

1198

00:43:08,470 --> 00:43:06,960

were collected and some students of the

1199

00:43:11,510 --> 00:43:08,480

nearby university

1200

00:43:12,230 --> 00:43:11,520

was smart enough to get a bottle that's

1201  
00:43:14,870 --> 00:43:12,240  
sealed

1202  
00:43:15,670 --> 00:43:14,880  
small bottle so it wouldn't sublime

1203  
00:43:17,270 --> 00:43:15,680  
exactly

1204  
00:43:19,589 --> 00:43:17,280  
he was smart enough to know because the

1205  
00:43:21,109 --> 00:43:19,599  
stuff frequently as it comes down you

1206  
00:43:22,550 --> 00:43:21,119  
can see it's supplementing the ears so

1207  
00:43:23,510 --> 00:43:22,560  
it's gone before it even gets to the

1208  
00:43:25,670 --> 00:43:23,520  
ground

1209  
00:43:26,790 --> 00:43:25,680  
if it's very prone to sublimating we'll

1210  
00:43:28,870 --> 00:43:26,800  
talk about more later

1211  
00:43:30,550 --> 00:43:28,880  
what makes it some of the day um but

1212  
00:43:33,990 --> 00:43:30,560  
anyway he went and got a

1213  
00:43:35,589 --> 00:43:34,000

stick and he went over to a tree and he

1214

00:43:38,069 --> 00:43:35,599

gobbed up a bunch of this stuff on a

1215

00:43:39,829 --> 00:43:38,079

stick put it in a bottle

1216

00:43:42,150 --> 00:43:39,839

closed the bottle and then he went to a

1217

00:43:43,829 --> 00:43:42,160

professor at the university

1218

00:43:47,589 --> 00:43:43,839

who i don't remember what his background

1219

00:43:48,870 --> 00:43:47,599

was but he had a mass spectrometer

1220

00:43:50,630 --> 00:43:48,880

and he put it through the mass

1221

00:43:54,069 --> 00:43:50,640

spectrometer

1222

00:43:55,750 --> 00:43:54,079

and he found remember this is gummy

1223

00:43:58,069 --> 00:43:55,760

sticky stuff the minute you open the

1224

00:43:59,990 --> 00:43:58,079

bottle it starts evaporating if you

1225

00:44:02,470 --> 00:44:00,000

leave the bottle up in too long

1226

00:44:04,309 --> 00:44:02,480

it's all gone so he just took a chunk of

1227

00:44:05,750 --> 00:44:04,319

this slime

1228

00:44:08,390 --> 00:44:05,760

which really shouldn't do with a mass

1229

00:44:10,309 --> 00:44:08,400

spectrometer but he put the slime into

1230

00:44:12,790 --> 00:44:10,319

the masterometer

1231

00:44:14,230 --> 00:44:12,800

and he detected in this particular

1232

00:44:17,670 --> 00:44:14,240

machine

1233

00:44:20,710 --> 00:44:17,680

boron silicon

1234

00:44:25,270 --> 00:44:20,720

magnesium and calcium

1235

00:44:28,790 --> 00:44:25,280

boron magnesium silicon and calcium

1236

00:44:32,230 --> 00:44:28,800

those four inorganic

1237

00:44:35,750 --> 00:44:32,240

elements have been detected

1238

00:44:38,950 --> 00:44:35,760

in something like a dozen famous

1239

00:44:42,150 --> 00:44:38,960

cases like this one where there was

1240

00:44:43,829 --> 00:44:42,160

absolutely zero question that a ufo

1241

00:44:45,270 --> 00:44:43,839

dropped this stuff

1242

00:44:46,870 --> 00:44:45,280

now there's no shortage of cases where

1243

00:44:47,589 --> 00:44:46,880

people say oh it's cobweb there was no

1244

00:44:50,950 --> 00:44:47,599

ufo

1245

00:44:52,630 --> 00:44:50,960

about those at the moment

1246

00:44:54,309 --> 00:44:52,640

let's there's plenty where they did see

1247

00:44:57,430 --> 00:44:54,319

the ufo

1248

00:45:01,670 --> 00:44:57,440

so calcium magnesium silicon

1249

00:45:05,430 --> 00:45:01,680

and boron right now it turns out

1250

00:45:08,710 --> 00:45:05,440

calcium and magnesium are everywhere

1251

00:45:11,910 --> 00:45:08,720

you look everywhere your body

1252

00:45:16,069 --> 00:45:11,920

your food the atmosphere

1253

00:45:19,589 --> 00:45:16,079

in interstellar space anything living

1254

00:45:21,430 --> 00:45:19,599

plants rocks soil

1255

00:45:23,109 --> 00:45:21,440

it's almost impossible not to have

1256

00:45:25,109 --> 00:45:23,119

calcium magnesium

1257

00:45:26,630 --> 00:45:25,119

instead of just about anything you come

1258

00:45:28,390 --> 00:45:26,640

in contact with

1259

00:45:30,790 --> 00:45:28,400

unless maybe it's a silicon chip or

1260

00:45:34,150 --> 00:45:30,800

something which has to be ultra pure

1261

00:45:36,710 --> 00:45:34,160

all right which i've made abusing enough

1262

00:45:37,829 --> 00:45:36,720

um so getting back to this we'll talk a

1263

00:45:39,430 --> 00:45:37,839

minute about where all this

1264

00:45:41,109 --> 00:45:39,440

stuff comes from because that's the big

1265

00:45:45,109 --> 00:45:41,119

mystery right

1266

00:45:47,349 --> 00:45:45,119

the boron and the silicon

1267

00:45:48,150 --> 00:45:47,359

you don't find those in nearly the

1268

00:45:51,829 --> 00:45:48,160

amounts

1269

00:45:54,550 --> 00:45:51,839

especially boron boron in plants

1270

00:45:55,910 --> 00:45:54,560

and animals and stuff is more of a trace

1271

00:45:58,550 --> 00:45:55,920

element

1272

00:46:00,470 --> 00:45:58,560

it acts in a catalytic way it helps make

1273

00:46:02,390 --> 00:46:00,480

membranes for your cells and

1274

00:46:05,510 --> 00:46:02,400

does a few other things but it's in

1275

00:46:07,030 --> 00:46:05,520

there in very very very trace quantities

1276

00:46:10,390 --> 00:46:07,040

most of the boron on earth is in the

1277

00:46:13,670 --> 00:46:10,400

ocean and in a few boron mines

1278

00:46:15,270 --> 00:46:13,680

like in 20 mule team borax

1279

00:46:16,790 --> 00:46:15,280

mine on the milk does it nevada or

1280

00:46:20,550 --> 00:46:16,800

whatever it is

1281

00:46:23,750 --> 00:46:20,560

but most of the boron in earth

1282

00:46:27,270 --> 00:46:23,760

environment is in the ocean

1283

00:46:30,069 --> 00:46:27,280

or in the troposphere okay

1284

00:46:32,630 --> 00:46:30,079

the reason it's in the troposphere is

1285

00:46:34,550 --> 00:46:32,640

from water bubbles on the ocean

1286

00:46:36,230 --> 00:46:34,560

you've seen big waves in the ocean the

1287

00:46:38,230 --> 00:46:36,240

bubble goes up that the wave goes up it

1288

00:46:41,109 --> 00:46:38,240

throws off a little foam right

1289

00:46:42,309 --> 00:46:41,119

well those bubbles burst and those micro

1290

00:46:44,790 --> 00:46:42,319

droplets some of them

1291

00:46:46,309 --> 00:46:44,800

a lot of them actually make it up into

1292

00:46:47,829 --> 00:46:46,319

the stratosphere

1293

00:46:50,309 --> 00:46:47,839

so the bottom line is whatever's in the

1294

00:46:51,990 --> 00:46:50,319

ocean ends up in the stratosphere

1295

00:46:53,990 --> 00:46:52,000

number one that's first thing i want you

1296

00:46:54,829 --> 00:46:54,000

to remember second thing i want you to

1297

00:46:57,829 --> 00:46:54,839

remember

1298

00:47:01,910 --> 00:46:57,839

is interstellar space

1299

00:47:04,230 --> 00:47:01,920

is not a perfect vacuum it's what most

1300

00:47:05,670 --> 00:47:04,240

engineering people like me would call a

1301

00:47:08,950 --> 00:47:05,680

technology would call a

1302

00:47:10,950 --> 00:47:08,960

hard vacuum but it's not a vacuum

1303

00:47:12,470 --> 00:47:10,960

not a perfect vacuum if you take a cubic

1304

00:47:15,990 --> 00:47:12,480

centimeter

1305

00:47:18,630 --> 00:47:16,000

of interstellar space

1306

00:47:19,990 --> 00:47:18,640

you're gonna find some atoms in it yeah

1307

00:47:21,829 --> 00:47:20,000

maybe if he doesn't

1308

00:47:24,150 --> 00:47:21,839

yeah i was really surprised to hear that

1309

00:47:26,790 --> 00:47:24,160

i mean i thought all my life that

1310

00:47:27,430 --> 00:47:26,800

um that it was just a plain vacuum and

1311

00:47:30,950 --> 00:47:27,440

then

1312

00:47:31,670 --> 00:47:30,960

um jamal uh kalali i think that's his

1313

00:47:35,430 --> 00:47:31,680

name

1314

00:47:38,150 --> 00:47:35,440

uh did a great documentary on how

1315

00:47:39,109 --> 00:47:38,160

there's actually something in space it's

1316

00:47:41,910 --> 00:47:39,119

pretty mean

1317

00:47:43,750 --> 00:47:41,920

so i'm gonna i'm gonna sort of veer into

1318

00:47:45,670 --> 00:47:43,760

the exciting stuff that i want to

1319

00:47:47,589 --> 00:47:45,680

really want to connect i'm having a good

1320

00:47:50,829 --> 00:47:47,599

time i hope all my listen

1321

00:47:51,910 --> 00:47:50,839

i can keep up like this for three hours

1322

00:47:55,109 --> 00:47:51,920

um yeah

1323

00:47:57,910 --> 00:47:55,119

recently recently i

1324

00:47:58,790 --> 00:47:57,920

i based everything i do in addition to

1325

00:48:01,990 --> 00:47:58,800

creativity

1326  
00:48:06,069 --> 00:48:02,000  
and thinking about it and reading papers

1327  
00:48:09,190 --> 00:48:06,079  
on actual r d research academic papers

1328  
00:48:11,109 --> 00:48:09,200  
not rumors i listen to rumors too

1329  
00:48:13,750 --> 00:48:11,119  
because some of them turn out to be true

1330  
00:48:14,950 --> 00:48:13,760  
but i read the academic papers i

1331  
00:48:17,829 --> 00:48:14,960  
sometimes talk to the

1332  
00:48:19,030 --> 00:48:17,839  
researchers although most of them don't

1333  
00:48:20,069 --> 00:48:19,040  
want to admit being involved in this

1334  
00:48:23,109 --> 00:48:20,079  
subject i understand

1335  
00:48:23,990 --> 00:48:23,119  
that but there was a paper um which is

1336  
00:48:27,349 --> 00:48:24,000  
referenced

1337  
00:48:31,349 --> 00:48:27,359  
in my powerpoint which you get a copy of

1338  
00:48:34,470 --> 00:48:31,359

last year scientists discovered

1339

00:48:38,630 --> 00:48:34,480

that there is a i was going to say

1340

00:48:42,309 --> 00:48:38,640

load but i won't say that a load of

1341

00:48:45,510 --> 00:48:42,319

greasy material in space

1342

00:48:47,030 --> 00:48:45,520

and they predicted accurately that any

1343

00:48:49,990 --> 00:48:47,040

interstellar craft

1344

00:48:52,230 --> 00:48:50,000

that would get to earth from some place

1345

00:48:55,030 --> 00:48:52,240

from another star system

1346

00:48:56,950 --> 00:48:55,040

would be contaminated with a coating of

1347

00:49:00,150 --> 00:48:56,960

this waxy

1348

00:49:03,430 --> 00:49:00,160

gunk most of this gunk

1349

00:49:07,270 --> 00:49:03,440

is heavy hydrocarbons like waxes

1350

00:49:10,470 --> 00:49:07,280

paraffins grease uh what's referred to

1351

00:49:11,829 --> 00:49:10,480

as grease they made the prediction

1352

00:49:14,309 --> 00:49:11,839

which made it onto i don't know if they

1353

00:49:17,030 --> 00:49:14,319

made it on cnn but it made it on

1354

00:49:18,390 --> 00:49:17,040

numerous websites and magazines like

1355

00:49:20,870 --> 00:49:18,400

discover and

1356

00:49:22,790 --> 00:49:20,880

all these magazines that spacecraft

1357

00:49:26,150 --> 00:49:22,800

interstellar spacecraft

1358

00:49:29,109 --> 00:49:26,160

will get coated with this gunk

1359

00:49:30,790 --> 00:49:29,119

and what i'm going to tell you later is

1360

00:49:33,430 --> 00:49:30,800

that gunk

1361

00:49:34,630 --> 00:49:33,440

is the source of the material for angel

1362

00:49:36,870 --> 00:49:34,640

hair

1363

00:49:38,230 --> 00:49:36,880

when you hear the composition you'll

1364

00:49:41,750 --> 00:49:38,240

understand why

1365

00:49:43,829 --> 00:49:41,760

so that's pretty cool um i i think

1366

00:49:45,030 --> 00:49:43,839

i've never heard that before i think i

1367

00:49:46,309 --> 00:49:45,040

come up with that but

1368

00:49:47,829 --> 00:49:46,319

it doesn't matter who came up with it

1369

00:49:49,270 --> 00:49:47,839

really truth it's truth and that's all

1370

00:49:53,109 --> 00:49:49,280

that matters

1371

00:49:57,589 --> 00:49:53,119

um so it turns out

1372

00:49:59,190 --> 00:49:57,599

space has if you look at the

1373

00:50:00,790 --> 00:49:59,200

i'm gonna let you look at the the

1374

00:50:04,470 --> 00:50:00,800

powerpoint yourself

1375

00:50:06,230 --> 00:50:04,480

but there are more than 300

1376  
00:50:08,150 --> 00:50:06,240  
chemical species that have already been

1377  
00:50:08,790 --> 00:50:08,160  
discovered some of them quite complex

1378  
00:50:12,870 --> 00:50:08,800  
like

1379  
00:50:16,069 --> 00:50:12,880  
formaldehyde amino acids

1380  
00:50:17,270 --> 00:50:16,079  
glycine which scientists and astronomers

1381  
00:50:18,150 --> 00:50:17,280  
have been looking at for more than a

1382  
00:50:21,349 --> 00:50:18,160  
decade

1383  
00:50:24,870 --> 00:50:21,359  
they finally found glycine glycine

1384  
00:50:27,349 --> 00:50:24,880  
is the basis of all proteins on earth

1385  
00:50:28,230 --> 00:50:27,359  
if you've got glycine you can make

1386  
00:50:32,309 --> 00:50:28,240  
proteins

1387  
00:50:35,270 --> 00:50:32,319  
life

1388  
00:50:36,870 --> 00:50:35,280

space is full of amino acids and

1389

00:50:40,309 --> 00:50:36,880

glycines

1390

00:50:42,870 --> 00:50:40,319

it turns out when it rains out you go up

1391

00:50:45,990 --> 00:50:42,880

of the house and it's raining the three

1392

00:50:49,109 --> 00:50:46,000

amino acids that we find in angel here

1393

00:50:50,309 --> 00:50:49,119

are also found in rain and that is

1394

00:50:52,390 --> 00:50:50,319

because

1395

00:50:54,230 --> 00:50:52,400

all of the interstellar dust which i'll

1396

00:50:56,230 --> 00:50:54,240

talk about in a minute

1397

00:50:57,670 --> 00:50:56,240

rains down continuously on the

1398

00:51:01,510 --> 00:50:57,680

stratosphere

1399

00:51:04,230 --> 00:51:01,520

and settles to earth including as

1400

00:51:05,270 --> 00:51:04,240

rain water and in fact especially as

1401  
00:51:07,430 --> 00:51:05,280  
rain water

1402  
00:51:08,790 --> 00:51:07,440  
and the reason is because these tiny

1403  
00:51:11,349 --> 00:51:08,800  
tiny little

1404  
00:51:13,109 --> 00:51:11,359  
nanoparticles they're like ten to a

1405  
00:51:17,750 --> 00:51:13,119  
thousand angstroms

1406  
00:51:21,510 --> 00:51:17,760  
very small way smaller than you here

1407  
00:51:22,069 --> 00:51:21,520  
what happens is the ice in interstellar

1408  
00:51:25,430 --> 00:51:22,079  
space

1409  
00:51:29,030 --> 00:51:25,440  
various kinds of ice like ammonia ice

1410  
00:51:30,390 --> 00:51:29,040  
and these hydrocarbons for energetic

1411  
00:51:33,990 --> 00:51:30,400  
reasons you don't need to

1412  
00:51:36,230 --> 00:51:34,000  
care about they nucleate on

1413  
00:51:37,990 --> 00:51:36,240

these dust particles so the dust

1414

00:51:41,430 --> 00:51:38,000

particle acts as a

1415

00:51:43,030 --> 00:51:41,440

home for all this crap

1416

00:51:45,589 --> 00:51:43,040

and so when these dust particles fall

1417

00:51:49,270 --> 00:51:45,599

into the atmosphere they are coated

1418

00:51:52,790 --> 00:51:49,280

with amino acids and all these other

1419

00:51:53,670 --> 00:51:52,800

hydrocarbons and the reason they're in

1420

00:51:56,870 --> 00:51:53,680

our atmosphere

1421

00:51:59,030 --> 00:51:56,880

is both because they fall from space

1422

00:52:00,309 --> 00:51:59,040

and because some of this material is

1423

00:52:02,950 --> 00:52:00,319

generated

1424

00:52:04,069 --> 00:52:02,960

biologically from the earth there are

1425

00:52:06,549 --> 00:52:04,079

materials

1426  
00:52:08,150 --> 00:52:06,559  
on earth called terpenes certainly

1427  
00:52:11,589 --> 00:52:08,160  
you've heard of turpentine

1428  
00:52:14,390 --> 00:52:11,599  
but terpenes and terpene

1429  
00:52:15,670 --> 00:52:14,400  
is based on the molecule called isoprene

1430  
00:52:17,589 --> 00:52:15,680  
the unique thing about

1431  
00:52:18,790 --> 00:52:17,599  
carbon chemistry i'm not going to ask

1432  
00:52:19,670 --> 00:52:18,800  
any of you to remember you this

1433  
00:52:23,109 --> 00:52:19,680  
chemistry

1434  
00:52:26,549 --> 00:52:23,119  
just remember the punchline

1435  
00:52:29,990 --> 00:52:26,559  
the the point the logic

1436  
00:52:33,829 --> 00:52:30,000  
terpenes there are more than 3 000

1437  
00:52:37,190 --> 00:52:33,839  
flavors of terpenes all of which exist

1438  
00:52:40,069 --> 00:52:37,200

on the earth okay these are all

1439

00:52:42,230 --> 00:52:40,079

hydrocarbons a lot of them are the

1440

00:52:45,670 --> 00:52:42,240

chemicals you smell by

1441

00:52:49,510 --> 00:52:45,680

like limonene which is a lemon smell

1442

00:52:52,230 --> 00:52:49,520

citronella which is a citrus smell

1443

00:52:53,829 --> 00:52:52,240

they're not all smell oriented but most

1444

00:52:56,950 --> 00:52:53,839

terpenes are produced

1445

00:52:58,549 --> 00:52:56,960

on earth in trees and plants and the

1446

00:53:01,910 --> 00:52:58,559

reason they do that

1447

00:53:03,109 --> 00:53:01,920

is to ward off insects insects do not

1448

00:53:06,549 --> 00:53:03,119

like terpenes

1449

00:53:07,750 --> 00:53:06,559

effectively so the trees in the bushes

1450

00:53:10,870 --> 00:53:07,760

and the plants

1451  
00:53:12,790 --> 00:53:10,880  
use these terpenes as defense that's how

1452  
00:53:14,870 --> 00:53:12,800  
they defend themselves

1453  
00:53:16,230 --> 00:53:14,880  
okay it's been figured out about 40

1454  
00:53:18,230 --> 00:53:16,240  
years ago

1455  
00:53:19,349 --> 00:53:18,240  
um more and more research goes on but

1456  
00:53:22,150 --> 00:53:19,359  
these terpenes

1457  
00:53:22,870 --> 00:53:22,160  
there are specific turbines to ward off

1458  
00:53:26,829 --> 00:53:22,880  
specific

1459  
00:53:30,390 --> 00:53:26,839  
bugs if you can believe it okay so these

1460  
00:53:33,109 --> 00:53:30,400  
terpenes make it up into the troposphere

1461  
00:53:34,069 --> 00:53:33,119  
our troposphere just by the fusion and

1462  
00:53:35,750 --> 00:53:34,079  
wind

1463  
00:53:37,829 --> 00:53:35,760

and they get oxidized and they form

1464

00:53:42,470 --> 00:53:37,839

something called soa

1465

00:53:44,870 --> 00:53:42,480

which is stands for oxidized

1466

00:53:45,670 --> 00:53:44,880

secondary oxidized aerosol but basically

1467

00:53:47,510 --> 00:53:45,680

what it is is

1468

00:53:49,670 --> 00:53:47,520

greens that get oxidized in the

1469

00:53:50,230 --> 00:53:49,680

atmosphere with the oxygen that's up

1470

00:53:53,990 --> 00:53:50,240

there

1471

00:53:56,990 --> 00:53:54,000

so everything

1472

00:53:58,390 --> 00:53:57,000

oxidizes okay and so

1473

00:54:01,750 --> 00:53:58,400

[Music]

1474

00:54:04,549 --> 00:54:01,760

in addition to the space

1475

00:54:06,390 --> 00:54:04,559

interstellar space source of materials

1476

00:54:09,030 --> 00:54:06,400

to produce angel here

1477

00:54:09,990 --> 00:54:09,040

we also have the potential source of the

1478

00:54:12,950 --> 00:54:10,000

tropospheric

1479

00:54:13,990 --> 00:54:12,960

materials which also include heavy hard

1480

00:54:17,190 --> 00:54:14,000

carbons

1481

00:54:18,150 --> 00:54:17,200

and these amino acids to produce angel

1482

00:54:22,829 --> 00:54:18,160

hair

1483

00:54:24,069 --> 00:54:22,839

produced by a combination of both of

1484

00:54:26,470 --> 00:54:24,079

these

1485

00:54:29,030 --> 00:54:26,480

but that when uaps come into the

1486

00:54:32,630 --> 00:54:29,040

atmosphere they're probably bringing

1487

00:54:35,030 --> 00:54:32,640

a uap agglomerated coating with them

1488

00:54:36,470 --> 00:54:35,040

this coating got agglomerated by flying

1489

00:54:40,150 --> 00:54:36,480

light years

1490

00:54:43,109 --> 00:54:40,160

through not quite a perfect vacuum

1491

00:54:44,470 --> 00:54:43,119

and so these species are agglomerated as

1492

00:54:46,230 --> 00:54:44,480

a thin film

1493

00:54:48,390 --> 00:54:46,240

or even a thick film maybe a millimeter

1494

00:54:51,990 --> 00:54:48,400

thick goop

1495

00:54:55,190 --> 00:54:52,000

grease under the surface of the ufo

1496

00:54:56,710 --> 00:54:55,200

and once he gets down here is he wraps

1497

00:54:59,109 --> 00:54:56,720

his angel here we'll talk about

1498

00:54:59,910 --> 00:54:59,119

the mechanism for how it erupts in a

1499

00:55:03,030 --> 00:54:59,920

minute all right

1500

00:55:05,270 --> 00:55:03,040

well we have to go into our break

1501  
00:55:07,030 --> 00:55:05,280  
so uh this is really good thank you so

1502  
00:55:10,230 --> 00:55:07,040  
much i'm i'm enjoying it i hope

1503  
00:55:12,950 --> 00:55:10,240  
i hope a lot of people are uh also here

1504  
00:55:13,750 --> 00:55:12,960  
so i wanted to talk uh quickly about uh

1505  
00:55:16,630 --> 00:55:13,760  
the break for

1506  
00:55:17,510 --> 00:55:16,640  
you people over in youtube i'm gonna be

1507  
00:55:19,190 --> 00:55:17,520  
playing a uh

1508  
00:55:20,630 --> 00:55:19,200  
clip i just think it's interesting

1509  
00:55:22,549 --> 00:55:20,640  
because i had never heard it before but

1510  
00:55:25,589 --> 00:55:22,559  
i guess it's out there somewhere

1511  
00:55:26,950 --> 00:55:25,599  
is uh when back in 2006

1512  
00:55:29,589 --> 00:55:26,960  
actually the same year and about the

1513  
00:55:33,030 --> 00:55:29,599

same time i had my ufo sighting

1514

00:55:36,309 --> 00:55:33,040

there was the c-17 at o'hare airport

1515

00:55:38,710 --> 00:55:36,319

sighting and uh some uh radio uh tower

1516

00:55:39,910 --> 00:55:38,720

uh audio is out and i'm gonna be playing

1517

00:55:43,430 --> 00:55:39,920

that during the break

1518

00:55:45,910 --> 00:55:43,440

so hang in everyone over at kgr radio

1519

00:55:47,750 --> 00:55:45,920

uh we'll be right back right after these

1520

00:55:49,349 --> 00:55:47,760

messages

1521

00:55:51,109 --> 00:55:49,359

one group that filed freedom of

1522

00:55:53,430 --> 00:55:51,119

information act requests was the

1523

00:55:56,150 --> 00:55:53,440

national aviation reporting center

1524

00:55:57,430 --> 00:55:56,160

on anomalous phenomenon or narcap

1525

00:56:00,150 --> 00:55:57,440

official faa

1526  
00:56:01,109 --> 00:56:00,160  
freedom of information act logs show

1527  
00:56:04,390 --> 00:56:01,119  
that narcap

1528  
00:56:06,309 --> 00:56:04,400  
had requested faa radio communications

1529  
00:56:09,510 --> 00:56:06,319  
from chicago o'hare

1530  
00:56:11,910 --> 00:56:09,520  
during the alleged ufo sighting this

1531  
00:56:15,349 --> 00:56:11,920  
audio was indeed released

1532  
00:56:16,309 --> 00:56:15,359  
and within a very detailed 152-page

1533  
00:56:19,109 --> 00:56:16,319  
report

1534  
00:56:19,990 --> 00:56:19,119  
narcat printed a transcript of this

1535  
00:56:23,109 --> 00:56:20,000  
audio

1536  
00:56:23,829 --> 00:56:23,119  
however beyond the transcript not many

1537  
00:56:27,270 --> 00:56:23,839  
people have

1538  
00:56:29,270 --> 00:56:27,280

heard the actual audio after an

1539

00:56:30,309 --> 00:56:29,280

extensive search we have obtained the

1540

00:56:32,870 --> 00:56:30,319

audio

1541

00:56:34,710 --> 00:56:32,880

of radio communications between united

1542

00:56:37,349 --> 00:56:34,720

airlines and the faa

1543

00:56:39,430 --> 00:56:37,359

at chicago o'hare international airport

1544

00:56:41,910 --> 00:56:39,440

on the afternoon of november 7th

1545

00:56:57,349 --> 00:56:41,920

2006. you know i haven't seen anything

1546

00:57:01,030 --> 00:56:58,630

did he have to take a break because i

1547

00:57:03,430 --> 00:57:01,040

called him no this is super united

1548

00:57:04,309 --> 00:57:03,440

yes there was a disc out there flying

1549

00:57:06,870 --> 00:57:04,319

around

1550

00:57:10,870 --> 00:57:06,880

there was a what a disc a disc can you

1551  
00:57:13,910 --> 00:57:12,630  
okay i'm sorry what uh what can i do for

1552  
00:57:15,670 --> 00:57:13,920  
you oh yeah all right

1553  
00:57:17,910 --> 00:57:15,680  
there was i told dave there was a disc

1554  
00:57:20,309 --> 00:57:17,920  
flying outside above charlie 17

1555  
00:57:21,270 --> 00:57:20,319  
and he thought i was pretty much high

1556  
00:57:23,109 --> 00:57:21,280  
but um

1557  
00:57:24,630 --> 00:57:23,119  
i'm not high and i'm not drinking

1558  
00:57:26,230 --> 00:57:24,640  
someone actually has a picture of it so

1559  
00:57:29,030 --> 00:57:26,240  
if you guys see it out there a

1560  
00:57:30,549 --> 00:57:29,040  
disc like a frisbee like a ufo type

1561  
00:57:33,829 --> 00:57:30,559  
thing

1562  
00:57:36,069 --> 00:57:33,839  
yeah okay okay yeah you have a picture

1563  
00:57:37,510 --> 00:57:36,079

how high above charlie 17. well it was

1564

00:57:40,230 --> 00:57:37,520

above our tower

1565

00:57:41,750 --> 00:57:40,240

so if you happen to see anything you

1566

00:57:42,309 --> 00:57:41,760

know what i'll keep appealed eye for

1567

00:57:48,230 --> 00:57:42,319

that all right

1568

00:57:48,240 --> 00:57:52,630

power kid this is dave hey guys

1569

00:57:55,670 --> 00:57:53,990

i got an interesting one for you guys

1570

00:57:56,870 --> 00:57:55,680

here some of our employees i don't know

1571

00:57:58,789 --> 00:57:56,880

if you heard anything about this

1572

00:58:01,349 --> 00:57:58,799

um some of our pilots on the ground were

1573

00:58:03,030 --> 00:58:01,359

reporting a ufo sighting at a thousand

1574

00:58:04,150 --> 00:58:03,040

feet from the seaside of the airport did

1575

00:58:05,030 --> 00:58:04,160

you guys hear anything about it you know

1576

00:58:06,470 --> 00:58:05,040

what the ramp

1577

00:58:08,069 --> 00:58:06,480

called me i want to say about 10-15

1578

00:58:08,549 --> 00:58:08,079

minutes ago we have not seen anything up

1579

00:58:10,309 --> 00:58:08,559

there

1580

00:58:11,750 --> 00:58:10,319

okay yeah because she said it was right

1581

00:58:14,789 --> 00:58:11,760

around gate g-17

1582

00:58:16,069 --> 00:58:14,799

okay but i mean and since she called

1583

00:58:16,630 --> 00:58:16,079

i've been looking but we have not seen

1584

00:58:34,710 --> 00:58:16,640

anything

1585

00:58:35,990 --> 00:58:34,720

we will surely keep an eye out that's

1586

00:58:42,870 --> 00:58:36,000

for sure thank you very much no

1587

00:58:46,470 --> 00:58:46,150

ground gateway 6668 penalty box ready to

1588

00:58:48,950 --> 00:58:46,480

go

1589

00:58:50,309 --> 00:58:48,960

to the north port i gave away 56-68 you

1590

00:58:51,109 --> 00:58:50,319

could use alpha northport and use

1591

00:58:53,270 --> 00:58:51,119

caution for the

1592

00:58:57,270 --> 00:58:53,280

ufos i have for the north support we'll

1593

00:59:00,789 --> 00:59:00,069

united maintenance 44. okay it's 44.

1594

00:59:03,030 --> 00:59:00,799

thank you all right

1595

00:59:04,870 --> 00:59:03,040

44 is going around the north excellent

1596

00:59:06,549 --> 00:59:04,880

uh you got eagle and sky west over here

1597

00:59:08,230 --> 00:59:06,559

coming around this way he's turning into

1598

00:59:09,829 --> 00:59:08,240

a factory really got no other gate holes

1599

00:59:11,270 --> 00:59:09,839

all right somebody reported a ufo or a

1600

00:59:11,829 --> 00:59:11,280

flying disc above charlie concourse

1601  
00:59:14,710 --> 00:59:11,839  
seriously

1602  
00:59:15,030 --> 00:59:14,720  
excellent yeah um so nobody can see my

1603  
00:59:31,349 --> 00:59:15,040  
eyes

1604  
00:59:34,870 --> 00:59:33,750  
sorry about that welcome back this is

1605  
00:59:38,549 --> 00:59:34,880  
martin willis

1606  
00:59:39,910 --> 00:59:38,559  
and our guest um tonight is jack sliwa

1607  
00:59:41,270 --> 00:59:39,920  
and uh we were having a great

1608  
00:59:42,630 --> 00:59:41,280  
conversation i think it's a great

1609  
00:59:46,230 --> 00:59:42,640  
conversation i find it

1610  
00:59:47,990 --> 00:59:46,240  
fascinating on the angel hair there were

1611  
00:59:48,789 --> 00:59:48,000  
some great questions coming in i hope i

1612  
00:59:51,349 --> 00:59:48,799  
can

1613  
00:59:52,309 --> 00:59:51,359

try to remember to get to some of them

1614

00:59:54,230 --> 00:59:52,319

again

1615

00:59:56,630 --> 00:59:54,240

when we get to the last half hour of the

1616

00:59:57,430 --> 00:59:56,640

show i'm going to be taking calls people

1617

00:59:59,670 --> 00:59:57,440

can call in

1618

01:00:01,670 --> 00:59:59,680

and also we're giving away a couple of

1619

01:00:02,630 --> 01:00:01,680

t-shirts and one of the uh paintings i

1620

01:00:04,870 --> 01:00:02,640

did

1621

01:00:05,990 --> 01:00:04,880

with a flying disc and i don't think it

1622

01:00:09,349 --> 01:00:06,000

had any

1623

01:00:11,589 --> 01:00:09,359

angel hair coming from it not yet but uh

1624

01:00:12,789 --> 01:00:11,599

welcome back jack and one of the things

1625

01:00:15,430 --> 01:00:12,799

i like the way that sounded

1626  
01:00:16,630 --> 01:00:15,440  
welcome back and um one of the things

1627  
01:00:17,910 --> 01:00:16,640  
that i was thinking about when you're

1628  
01:00:21,750 --> 01:00:17,920  
talking about

1629  
01:00:26,230 --> 01:00:21,760  
this interesting subject was uh

1630  
01:00:28,630 --> 01:00:26,240  
the the um theory of panspermia

1631  
01:00:31,270 --> 01:00:28,640  
um you know you talk about these things

1632  
01:00:33,750 --> 01:00:31,280  
that are coming through they're all

1633  
01:00:34,789 --> 01:00:33,760  
through yeah you know the universe yeah

1634  
01:00:36,549 --> 01:00:34,799  
mark martin let me

1635  
01:00:38,950 --> 01:00:36,559  
let me i'm going to answer your question

1636  
01:00:42,870 --> 01:00:38,960  
but in an exciting way you didn't expect

1637  
01:00:47,270 --> 01:00:42,880  
how's that okay all right

1638  
01:00:50,069 --> 01:00:47,280

um it is true that the way angel here

1639

01:00:52,309 --> 01:00:50,079

is formed and the source being this

1640

01:00:55,589 --> 01:00:52,319

interstellar material

1641

01:00:57,030 --> 01:00:55,599

that what is whatever is out there ends

1642

01:01:00,789 --> 01:00:57,040

up here

1643

01:01:03,589 --> 01:01:00,799

on the ground and not only on the ground

1644

01:01:05,910 --> 01:01:03,599

but with some nutrients to kick it off

1645

01:01:09,270 --> 01:01:05,920

because the proteins in this stuff

1646

01:01:13,349 --> 01:01:10,950

it's probably a good point that i

1647

01:01:13,910 --> 01:01:13,359

mentioned what is the mechanism how does

1648

01:01:18,069 --> 01:01:13,920

this hair

1649

01:01:20,950 --> 01:01:18,079

form okay so you can understand that

1650

01:01:22,390 --> 01:01:20,960

uh it's really simple believe it or not

1651  
01:01:26,549 --> 01:01:22,400  
there's a process

1652  
01:01:29,990 --> 01:01:26,559  
called spinning it is a human developed

1653  
01:01:33,990 --> 01:01:30,000  
process okay there are people

1654  
01:01:35,990 --> 01:01:34,000  
today making covert masks

1655  
01:01:38,230 --> 01:01:36,000  
using electro spinning why are they

1656  
01:01:39,510 --> 01:01:38,240  
using electro spinning method because

1657  
01:01:42,870 --> 01:01:39,520  
it's a great way to make

1658  
01:01:44,870 --> 01:01:42,880  
really fine threads and if you make

1659  
01:01:46,230 --> 01:01:44,880  
really fine threads for a covered mask

1660  
01:01:48,230 --> 01:01:46,240  
the cove is probably not going to get

1661  
01:01:49,670 --> 01:01:48,240  
through it right so

1662  
01:01:51,109 --> 01:01:49,680  
this electrode spinning method here's

1663  
01:01:52,789 --> 01:01:51,119

how it works it's in principle it's

1664

01:01:56,069 --> 01:01:52,799

really simple

1665

01:01:57,750 --> 01:01:56,079

you take a container of liquid this is

1666

01:01:59,670 --> 01:01:57,760

the raw material

1667

01:02:01,910 --> 01:01:59,680

whatever it is you want to spin the

1668

01:02:05,109 --> 01:02:01,920

material that you're going to make the

1669

01:02:05,589 --> 01:02:05,119

fiber out of the hair you put an

1670

01:02:08,950 --> 01:02:05,599

electric

1671

01:02:11,670 --> 01:02:08,960

field in front of it out here let's say

1672

01:02:13,750 --> 01:02:11,680

okay that electric field is on the order

1673

01:02:17,589 --> 01:02:13,760

of 30 000 volts

1674

01:02:18,950 --> 01:02:17,599

okay what happens if the liquid is

1675

01:02:21,829 --> 01:02:18,960

conductive

1676

01:02:23,029 --> 01:02:21,839

the liquid literally gets sucked off the

1677

01:02:26,069 --> 01:02:23,039

surface

1678

01:02:28,789 --> 01:02:26,079

as strings as fibers

1679

01:02:30,390 --> 01:02:28,799

this is called electrospinning the

1680

01:02:33,670 --> 01:02:30,400

original way of doing electro spinning

1681

01:02:35,029 --> 01:02:33,680

was out of a tiny tiny tiny

1682

01:02:37,589 --> 01:02:35,039

and the liquid we pump through the

1683

01:02:40,230 --> 01:02:37,599

nozzle and it was done with dc

1684

01:02:41,270 --> 01:02:40,240

voltage and you could make yards and

1685

01:02:44,230 --> 01:02:41,280

yards and yards of

1686

01:02:45,670 --> 01:02:44,240

really fine fiber a hundred times a

1687

01:02:48,789 --> 01:02:45,680

thousand times finer

1688

01:02:50,150 --> 01:02:48,799

than spider fiber all right

1689

01:02:51,829 --> 01:02:50,160

but when all the companies got their

1690

01:02:53,829 --> 01:02:51,839

noses in this and say hey wait a minute

1691

01:02:56,950 --> 01:02:53,839

that's a fantastic technique

1692

01:02:58,470 --> 01:02:56,960

but it's slow as hell and i can't make

1693

01:03:01,670 --> 01:02:58,480

any money on this

1694

01:03:03,990 --> 01:03:01,680

so what people then did was they made dc

1695

01:03:06,230 --> 01:03:04,000

electro spinning with nozzles or they

1696

01:03:08,150 --> 01:03:06,240

had 100 nozzles

1697

01:03:10,789 --> 01:03:08,160

and then somebody else figured out well

1698

01:03:12,150 --> 01:03:10,799

if i bubble gas through a liquid

1699

01:03:13,910 --> 01:03:12,160

and put the electric field above the

1700

01:03:16,549 --> 01:03:13,920

liquid above the bubbles

1701

01:03:17,829 --> 01:03:16,559

i can get 10 streams of fiber stringing

1702

01:03:20,870 --> 01:03:17,839

off each bubble

1703

01:03:21,270 --> 01:03:20,880

and i could get 100 times the output and

1704

01:03:24,309 --> 01:03:21,280

then

1705

01:03:26,309 --> 01:03:24,319

finally the rig breakthrough

1706

01:03:27,829 --> 01:03:26,319

somebody invented what's called ac

1707

01:03:30,309 --> 01:03:27,839

electrospinning

1708

01:03:31,270 --> 01:03:30,319

so it's not dc it's not a fixed negative

1709

01:03:33,270 --> 01:03:31,280

voltage

1710

01:03:34,309 --> 01:03:33,280

it's ac plus minus plus minus just like

1711

01:03:37,670 --> 01:03:34,319

the power

1712

01:03:40,390 --> 01:03:37,680

in your wall about 30 000 volts

1713

01:03:41,829 --> 01:03:40,400

and for this charges are induced in the

1714

01:03:44,390 --> 01:03:41,839

liquid so the liquid doesn't have to

1715

01:03:45,430 --> 01:03:44,400

even be conductive all right and you

1716

01:03:47,510 --> 01:03:45,440

will see

1717

01:03:48,470 --> 01:03:47,520

in the powerpoint when we get to it or

1718

01:03:50,630 --> 01:03:48,480

when you see it

1719

01:03:52,630 --> 01:03:50,640

you will see live electrospinning

1720

01:03:54,950 --> 01:03:52,640

happening in the lab hood

1721

01:03:56,549 --> 01:03:54,960

and this fibrous stuff coming out like

1722

01:03:59,109 --> 01:03:56,559

mount vesuvius

1723

01:04:00,150 --> 01:03:59,119

all right it's very easy to do all you

1724

01:04:03,190 --> 01:04:00,160

need is a high voltage

1725

01:04:05,910 --> 01:04:03,200

power supply and don't kill yourself but

1726

01:04:07,589 --> 01:04:05,920

the bottom line is any liquid any

1727

01:04:09,589 --> 01:04:07,599

hydrocarbon that has

1728

01:04:10,950 --> 01:04:09,599

within a certain viscosity range it has

1729

01:04:12,789 --> 01:04:10,960

to be thick enough

1730

01:04:15,109 --> 01:04:12,799

that it can form a string and not pull

1731

01:04:16,150 --> 01:04:15,119

apart but it can't be so thick that it

1732

01:04:19,670 --> 01:04:16,160

won't

1733

01:04:22,710 --> 01:04:19,680

pull it off the surface

1734

01:04:24,789 --> 01:04:22,720

okay so it turns out

1735

01:04:26,630 --> 01:04:24,799

thousands and thousands of different

1736

01:04:30,069 --> 01:04:26,640

kinds of liquids

1737

01:04:33,510 --> 01:04:30,079

have been electro spun dc

1738

01:04:36,710 --> 01:04:33,520

and ac now getting to your question uh

1739

01:04:38,789 --> 01:04:36,720

martin people have even made this is

1740

01:04:42,710 --> 01:04:38,799

hitting the medical field

1741

01:04:44,309 --> 01:04:42,720

big time because grafts and implants

1742

01:04:46,870 --> 01:04:44,319

and stuff that are made of very fine

1743

01:04:48,789 --> 01:04:46,880

fibers are fibers that can degrade in

1744

01:04:52,069 --> 01:04:48,799

the body and disappear

1745

01:04:55,109 --> 01:04:52,079

this is a fantastic way to make those

1746

01:04:56,630 --> 01:04:55,119

because as you spin the fiber you can

1747

01:05:01,109 --> 01:04:56,640

even do things like put

1748

01:05:05,510 --> 01:05:04,230

drugs anything you want you can put in

1749

01:05:07,910 --> 01:05:05,520

these fibers

1750

01:05:10,549 --> 01:05:07,920

in controlled amounts and so medical

1751

01:05:13,270 --> 01:05:10,559

devices are really taken off

1752

01:05:13,829 --> 01:05:13,280

because for example in a colored mask

1753

01:05:15,829 --> 01:05:13,839

you could put

1754

01:05:17,990 --> 01:05:15,839

additional chemicals in the covered

1755

01:05:19,670 --> 01:05:18,000

fiber in the fibers of the mask

1756

01:05:23,270 --> 01:05:19,680

that kill the clover that ends up in the

1757

01:05:27,029 --> 01:05:23,280

mask so it's really an amazing

1758

01:05:30,150 --> 01:05:27,039

uh technology people have also put in

1759

01:05:34,470 --> 01:05:30,160

nanoparticles solid particles

1760

01:05:38,309 --> 01:05:34,480

nanoparticles they're very very small

1761

01:05:40,870 --> 01:05:38,319

angstroms but these can be put in

1762

01:05:42,390 --> 01:05:40,880

and they can come out inside the fiber

1763

01:05:45,990 --> 01:05:42,400

you can load the fiber

1764

01:05:47,829 --> 01:05:46,000

up to 30 by weight with particles these

1765

01:05:49,510 --> 01:05:47,839

could be drug particles

1766

01:05:51,829 --> 01:05:49,520

they could be slow breakdown drug

1767

01:05:55,029 --> 01:05:51,839

particles they could be anything

1768

01:05:58,309 --> 01:05:55,039

you want anything um so

1769

01:06:02,309 --> 01:05:58,319

that gets to martin's point

1770

01:06:04,230 --> 01:06:02,319

as this spacecraft flies around the uap

1771

01:06:06,630 --> 01:06:04,240

whatever it collects on the surface and

1772

01:06:09,829 --> 01:06:06,640

as some of you might know

1773

01:06:11,510 --> 01:06:09,839

uh the iss even has

1774

01:06:12,870 --> 01:06:11,520

bacteria growing on the outside of it

1775

01:06:15,270 --> 01:06:12,880

and i always know that

1776

01:06:16,069 --> 01:06:15,280

yeah i've heard about that from the

1777

01:06:19,349 --> 01:06:16,079

astronauts

1778

01:06:21,430 --> 01:06:19,359

but bacteria can live in space for

1779

01:06:23,750 --> 01:06:21,440

an amount of time this uv that

1780

01:06:26,870 --> 01:06:23,760

eventually kills it

1781

01:06:28,390 --> 01:06:26,880

um this agglomerated coatings that i'm

1782

01:06:30,829 --> 01:06:28,400

talking about the uav flying through

1783

01:06:34,069 --> 01:06:30,839

space and picking up this

1784

01:06:37,750 --> 01:06:34,079

stuff will be

1785

01:06:41,190 --> 01:06:37,760

ex expulsed or extruded

1786

01:06:43,510 --> 01:06:41,200

as this hair whatever was in that film

1787

01:06:45,510 --> 01:06:43,520

is going to be in that hair so if there

1788

01:06:48,789 --> 01:06:45,520

was any kind of biological

1789

01:06:51,829 --> 01:06:48,799

anything including proteins

1790

01:06:53,270 --> 01:06:51,839

including amino acids which are the

1791

01:06:56,230 --> 01:06:53,280

building blocks of proteins

1792

01:06:57,990 --> 01:06:56,240

that's all going to be in the hair some

1793

01:07:01,510 --> 01:06:58,000

of you may have heard of

1794

01:07:02,069 --> 01:07:01,520

star jelly a subject which most people

1795

01:07:05,510 --> 01:07:02,079

poo poo

1796

01:07:06,950 --> 01:07:05,520

and ridicule and this is this clear

1797

01:07:09,109 --> 01:07:06,960

jelly that's been found on the ground

1798

01:07:10,390 --> 01:07:09,119

over the years particularly after

1799

01:07:13,190 --> 01:07:10,400

meteors fall

1800

01:07:15,109 --> 01:07:13,200

some connection to meteors it probably

1801

01:07:17,670 --> 01:07:15,119

turns out that the mechanism for that

1802

01:07:20,069 --> 01:07:17,680

is very similar to the mechanism what

1803

01:07:22,870 --> 01:07:20,079

i'm talking about performing angel hair

1804

01:07:24,069 --> 01:07:22,880

because that goop has about the same

1805

01:07:26,870 --> 01:07:24,079

composition

1806

01:07:28,870 --> 01:07:26,880

as the angel here so it probably comes

1807

01:07:31,510 --> 01:07:28,880

about by the same mechanism

1808

01:07:32,950 --> 01:07:31,520

to jump back to angel here which is a

1809

01:07:36,230 --> 01:07:32,960

neat subject

1810

01:07:38,710 --> 01:07:36,240

um angel here doesn't just happen

1811

01:07:40,069 --> 01:07:38,720

on earth it's going to happen on any

1812

01:07:43,750 --> 01:07:40,079

planet

1813

01:07:47,109 --> 01:07:43,760

where you can

1814

01:07:50,150 --> 01:07:47,119

the us the uaps we know uaps have

1815

01:07:53,510 --> 01:07:50,160

ac electric and magnetic fields

1816

01:07:54,870 --> 01:07:53,520

the best information is that those

1817

01:07:57,589 --> 01:07:54,880

fields cycle at

1818

01:07:58,390 --> 01:07:57,599

something around there's at least some

1819

01:08:01,910 --> 01:07:58,400

element around

1820

01:08:04,150 --> 01:08:01,920

50 hertz 50 hertz so you've heard people

1821

01:08:05,910 --> 01:08:04,160

say with the ufo i heard this

1822

01:08:08,870 --> 01:08:05,920

and it shook my body and it gave me a

1823

01:08:12,069 --> 01:08:08,880

headache all this that's the 50 hertz

1824

01:08:15,190 --> 01:08:12,079

vibration turns out

1825

01:08:18,390 --> 01:08:15,200

50 hertz is the optimal frequency

1826  
01:08:19,990 --> 01:08:18,400  
for ac electro spinning nice coincidence

1827  
01:08:21,510 --> 01:08:20,000  
huh

1828  
01:08:23,030 --> 01:08:21,520  
although you can electrospin up to a

1829  
01:08:24,550 --> 01:08:23,040  
kilohertz it gets

1830  
01:08:26,470 --> 01:08:24,560  
and more inefficient as you go up in

1831  
01:08:29,349 --> 01:08:26,480  
frequency

1832  
01:08:30,229 --> 01:08:29,359  
so uaps not only have these films on

1833  
01:08:33,349 --> 01:08:30,239  
them

1834  
01:08:36,709 --> 01:08:33,359  
but they also have the driving force

1835  
01:08:38,149 --> 01:08:36,719  
to kick off these fibers the last really

1836  
01:08:39,590 --> 01:08:38,159  
important point i want to make is some

1837  
01:08:40,309 --> 01:08:39,600  
of you going to go look up electro

1838  
01:08:43,430 --> 01:08:40,319

spinning

1839

01:08:43,990 --> 01:08:43,440

on your laptop remember dc electro

1840

01:08:46,789 --> 01:08:44,000

spinning

1841

01:08:48,709 --> 01:08:46,799

requires you have an electrode out in

1842

01:08:50,950 --> 01:08:48,719

front of the source of liquid

1843

01:08:52,630 --> 01:08:50,960

so once plus and once minus it's sort of

1844

01:08:53,749 --> 01:08:52,640

electrically suck this stuff off the

1845

01:08:57,430 --> 01:08:53,759

surface

1846

01:08:59,990 --> 01:08:57,440

ac spinning you don't need an electrode

1847

01:09:01,030 --> 01:09:00,000

all you need is the source coated

1848

01:09:04,149 --> 01:09:01,040

surface

1849

01:09:05,189 --> 01:09:04,159

and what happens is the cloud of fibers

1850

01:09:07,189 --> 01:09:05,199

comes off

1851  
01:09:09,349 --> 01:09:07,199  
and parks itself right in front of the

1852  
01:09:11,669 --> 01:09:09,359  
surface of the uap

1853  
01:09:13,669 --> 01:09:11,679  
and acts as a virtual electrode it acts

1854  
01:09:16,550 --> 01:09:13,679  
as the other polarity

1855  
01:09:17,590 --> 01:09:16,560  
which allows this stuff to keep coming

1856  
01:09:20,149 --> 01:09:17,600  
off

1857  
01:09:21,510 --> 01:09:20,159  
so you don't need to place an electrode

1858  
01:09:23,990 --> 01:09:21,520  
like with dc

1859  
01:09:25,269 --> 01:09:24,000  
with ac it produces its own electrode

1860  
01:09:27,590 --> 01:09:25,279  
and you'll see that

1861  
01:09:29,189 --> 01:09:27,600  
in the short video of ac electro

1862  
01:09:31,110 --> 01:09:29,199  
spinning that you see in the powerpoint

1863  
01:09:34,149 --> 01:09:31,120

that you'll get later

1864

01:09:35,829 --> 01:09:34,159

um yeah you could you could share the

1865

01:09:36,630 --> 01:09:35,839

screen and play that powerpoint if you

1866

01:09:38,709 --> 01:09:36,640

wanted to

1867

01:09:40,950 --> 01:09:38,719

i mean i have the screen all you have to

1868

01:09:43,590 --> 01:09:40,960

do is switch it to the

1869

01:09:45,030 --> 01:09:43,600

that particular video on the powerpoint

1870

01:09:46,470 --> 01:09:45,040

you still have control of the powerpoint

1871

01:09:49,349 --> 01:09:46,480

is what i'm saying

1872

01:09:50,550 --> 01:09:49,359

okay how do i do that just you must see

1873

01:09:53,590 --> 01:09:50,560

the powerpoint on your

1874

01:09:55,110 --> 01:09:53,600

computer just do it the way you normally

1875

01:09:57,830 --> 01:09:55,120

would

1876

01:09:59,510 --> 01:09:57,840

oh my desktop's being screened being

1877

01:10:00,070 --> 01:09:59,520

said your desktop is sharing the screen

1878

01:10:03,750 --> 01:10:00,080

yes

1879

01:10:05,350 --> 01:10:03,760

okay so let me try moving this aside

1880

01:10:06,870 --> 01:10:05,360

okay now we'll go to the powerpoint can

1881

01:10:07,830 --> 01:10:06,880

you see the powerpoint now yeah

1882

01:10:10,790 --> 01:10:07,840

everything's here yeah

1883

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

great great quick great okay we're ready

1884

01:10:13,830 --> 01:10:11,360

we're gonna

1885

01:10:15,430 --> 01:10:13,840

run this all right okay what you see on

1886

01:10:16,630 --> 01:10:15,440

the left and the right the right is a

1887

01:10:18,149 --> 01:10:16,640

video the one on the left is a

1888

01:10:24,310 --> 01:10:18,159

photograph

1889

01:10:31,510 --> 01:10:28,870

can you expand that video or not no uh

1890

01:10:35,030 --> 01:10:31,520

i don't know i don't think so don't mess

1891

01:10:38,070 --> 01:10:36,790

yeah i don't think i can expand it let

1892

01:10:40,790 --> 01:10:38,080

me run it again let me put it in the

1893

01:10:45,910 --> 01:10:44,229

and let me run it again so we're gonna

1894

01:10:48,390 --> 01:10:45,920

run it again here

1895

01:10:50,149 --> 01:10:48,400

okay so there it appears and see the guy

1896

01:10:51,830 --> 01:10:50,159

is just pulling off with his hands see

1897

01:10:54,790 --> 01:10:51,840

that this isn't a lap

1898

01:10:57,590 --> 01:10:54,800

cfs it's coming off right that's coming

1899

01:11:00,709 --> 01:10:57,600

off at like a foot per second

1900

01:11:02,630 --> 01:11:00,719

all right and people have um long

1901

01:11:05,270 --> 01:11:02,640

wondered how you can produce so

1902

01:11:07,830 --> 01:11:05,280

much angel hair um here what's happening

1903

01:11:10,149 --> 01:11:07,840

is they're winding it on a wire

1904

01:11:12,229 --> 01:11:10,159

if you want to make the angel hair

1905

01:11:13,669 --> 01:11:12,239

production method useful

1906

01:11:15,830 --> 01:11:13,679

obviously you need to wind it up and

1907

01:11:18,709 --> 01:11:15,840

save it right so here

1908

01:11:19,510 --> 01:11:18,719

this guy's intending to sell this wire

1909

01:11:21,830 --> 01:11:19,520

or cable

1910

01:11:23,990 --> 01:11:21,840

wrapped with this special angel here

1911

01:11:26,390 --> 01:11:24,000

substance perhaps as an insulation

1912

01:11:28,709 --> 01:11:26,400

for example but in this case it's just

1913

01:11:32,310 --> 01:11:28,719

an experiment it's a convenient way

1914

01:11:34,149 --> 01:11:32,320

to um gather the angel here so this wire

1915

01:11:36,630 --> 01:11:34,159

is moving left to right

1916

01:11:38,470 --> 01:11:36,640

so it gets a progressive coating on it

1917

01:11:39,510 --> 01:11:38,480

and it's wound up so you end up with a

1918

01:11:42,470 --> 01:11:39,520

coil of wire

1919

01:11:44,390 --> 01:11:42,480

with a coating of this yarn on it now

1920

01:11:46,550 --> 01:11:44,400

the nice thing about the ac method if

1921

01:11:48,390 --> 01:11:46,560

you look at the photo on the left hand

1922

01:11:51,110 --> 01:11:48,400

side of the slide you notice it's coming

1923

01:11:52,630 --> 01:11:51,120

out it's kind of like a tube

1924

01:11:54,470 --> 01:11:52,640

right you see where my blue arrow is on

1925

01:11:56,550 --> 01:11:54,480

the left side

1926

01:11:57,750 --> 01:11:56,560

well that's like a hollow cylinder the

1927

01:11:59,830 --> 01:11:57,760

angel here

1928

01:12:00,870 --> 01:11:59,840

is filling the cylinder and the inside's

1929

01:12:02,870 --> 01:12:00,880

hollow

1930

01:12:04,229 --> 01:12:02,880

so what the manufacturers are really

1931

01:12:07,510 --> 01:12:04,239

interested in doing

1932

01:12:10,630 --> 01:12:07,520

is pulling a fiber they want to coat

1933

01:12:12,630 --> 01:12:10,640

up the middle and having this

1934

01:12:13,750 --> 01:12:12,640

fiber that's growing on the outside as a

1935

01:12:17,350 --> 01:12:13,760

cylinder

1936

01:12:19,430 --> 01:12:17,360

collapse inwards and coat their fiber

1937

01:12:20,709 --> 01:12:19,440

and in the medical industry there's on

1938

01:12:22,709 --> 01:12:20,719

the right you can see the wire getting

1939

01:12:26,229 --> 01:12:22,719

coated very nicely now

1940

01:12:28,149 --> 01:12:26,239

um this throughput of this ac method

1941

01:12:30,070 --> 01:12:28,159

is a hundred to a thousand times higher

1942

01:12:33,669 --> 01:12:30,080

than the dc method

1943

01:12:37,270 --> 01:12:33,679

so uh most of the latest uh stuff is uh

1944

01:12:39,510 --> 01:12:37,280

is a lot of the stuff is is ac

1945

01:12:41,350 --> 01:12:39,520

so just just to clear something up

1946

01:12:44,070 --> 01:12:41,360

because we had a question come up and

1947

01:12:45,189 --> 01:12:44,080

chat chat and that is what you're

1948

01:12:47,510 --> 01:12:45,199

showing here is not

1949

01:12:48,950 --> 01:12:47,520

what people are finding from ufos what

1950

01:12:51,110 --> 01:12:48,960

you are showing here

1951

01:12:52,070 --> 01:12:51,120

is the type of thing but not it's not

1952

01:12:54,149 --> 01:12:52,080

working now

1953

01:12:55,110 --> 01:12:54,159

right now what i already mentioned is

1954

01:12:57,910 --> 01:12:55,120

that you can spin

1955

01:13:00,070 --> 01:12:57,920

just about any fluid that has the right

1956

01:13:02,709 --> 01:13:00,080

viscosity with some conductivity

1957

01:13:04,070 --> 01:13:02,719

with dc electrode spinning with ac all

1958

01:13:05,350 --> 01:13:04,080

you need is a viscosity you don't even

1959

01:13:07,669 --> 01:13:05,360

need the conductivity

1960

01:13:08,709 --> 01:13:07,679

with the ac spinning it induces ionic

1961

01:13:10,229 --> 01:13:08,719

conduction

1962

01:13:11,990 --> 01:13:10,239

in the liquid so it doesn't have to be

1963

01:13:14,630 --> 01:13:12,000

conducted to begin with

1964

01:13:16,229 --> 01:13:14,640

so um the liquid that you see in the

1965

01:13:17,430 --> 01:13:16,239

star on the left is just some liquid

1966

01:13:20,390 --> 01:13:17,440

like pmma

1967

01:13:22,390 --> 01:13:20,400

polymethyl methacrylate or some routine

1968

01:13:22,950 --> 01:13:22,400

liquid that's often used for experiments

1969

01:13:25,590 --> 01:13:22,960

in the

1970

01:13:26,229 --> 01:13:25,600

chemistry lab it's a fairly mundane

1971

01:13:31,030 --> 01:13:26,239

simple

1972

01:13:32,390 --> 01:13:31,040

and the bottom line is people have

1973

01:13:34,470 --> 01:13:32,400

demonstrated

1974

01:13:35,430 --> 01:13:34,480

at least a thousand different polymers

1975

01:13:40,630 --> 01:13:35,440

being

1976

01:13:41,990 --> 01:13:40,640

uh electrospun which is what you're

1977

01:13:43,910 --> 01:13:42,000

seeing on the left

1978

01:13:45,750 --> 01:13:43,920

so that head is called a spin head but

1979

01:13:47,350 --> 01:13:45,760

it's not spinning

1980

01:13:49,590 --> 01:13:47,360

it just got that name of spinning

1981

01:13:51,350 --> 01:13:49,600

because in the original dc spinning

1982

01:13:53,590 --> 01:13:51,360

the fiber would actually whip around

1983

01:13:54,790 --> 01:13:53,600

like a lasso wildly

1984

01:13:56,310 --> 01:13:54,800

and the people would say look it's

1985

01:13:56,870 --> 01:13:56,320

spinning out of control it's not really

1986

01:13:59,430 --> 01:13:56,880

spinning

1987

01:14:00,950 --> 01:13:59,440

it's whipping so none of this there's

1988

01:14:03,270 --> 01:14:00,960

nothing spinning here

1989

01:14:05,189 --> 01:14:03,280

there's just a number of ac electrodes

1990

01:14:06,149 --> 01:14:05,199

uh and the liquid oozing out onto the

1991

01:14:07,990 --> 01:14:06,159

electrodes

1992

01:14:11,030 --> 01:14:08,000

on that little post you see sticking out

1993

01:14:12,550 --> 01:14:11,040

of the jar in the jar is the solution

1994

01:14:14,149 --> 01:14:12,560

if you let that run you could spin the

1995

01:14:15,669 --> 01:14:14,159

whole jars worth

1996

01:14:17,270 --> 01:14:15,679

and you could probably take those fibers

1997

01:14:18,070 --> 01:14:17,280

and walk all the way down to 7-eleven

1998

01:14:22,070 --> 01:14:18,080

with them

1999

01:14:25,110 --> 01:14:22,080

um so going back to

2000

01:14:28,310 --> 01:14:25,120

you know when these are coming off you

2001

01:14:31,669 --> 01:14:28,320

ufos or uaps as you mentioned them

2002

01:14:32,630 --> 01:14:31,679

uh and it could be at any plant does it

2003

01:14:35,910 --> 01:14:32,640

have to do

2004

01:14:38,310 --> 01:14:35,920

with more or less with the charges

2005

01:14:38,950 --> 01:14:38,320

the positive and negative charges like

2006

01:14:42,229 --> 01:14:38,960

an

2007

01:14:44,550 --> 01:14:42,239

or or i'm just getting at this point

2008

01:14:45,350 --> 01:14:44,560

you don't consider say the moon as

2009

01:14:48,470 --> 01:14:45,360

having

2010

01:14:50,070 --> 01:14:48,480

uh uh much of an atmosphere so i'm just

2011

01:14:50,950 --> 01:14:50,080

saying if something came in from the

2012

01:14:54,830 --> 01:14:50,960

moon

2013

01:14:56,709 --> 01:14:54,840

have the angel dust come off of it

2014

01:14:58,950 --> 01:14:56,719

without you

2015

01:15:01,110 --> 01:14:58,960

the problem with that though the answer

2016

01:15:03,830 --> 01:15:01,120

is yes but

2017

01:15:05,110 --> 01:15:03,840

remember angel hair sublimates yeah and

2018

01:15:06,470 --> 01:15:05,120

if you lower the pressure

2019

01:15:08,630 --> 01:15:06,480

or go to a vacuum it's going to

2020

01:15:10,070 --> 01:15:08,640

sublimate almost instantly i see

2021

01:15:11,669 --> 01:15:10,080

there won't be anything left to

2022

01:15:14,630 --> 01:15:11,679

electrospin

2023

01:15:16,790 --> 01:15:14,640

all right but if you have an atmosphere

2024

01:15:19,510 --> 01:15:16,800

like on a planet with an atmosphere

2025

01:15:20,149 --> 01:15:19,520

i think mars is still too rare moon has

2026

01:15:22,550 --> 01:15:20,159

none

2027

01:15:24,229 --> 01:15:22,560

venus is too hot but a planet with an

2028

01:15:26,070 --> 01:15:24,239

atmosphere you know like anything

2029

01:15:27,669 --> 01:15:26,080

on the order of part of an atmosphere or

2030

01:15:29,990 --> 01:15:27,679

earth atmosphere

2031

01:15:31,669 --> 01:15:30,000

regardless of the gas you would be able

2032

01:15:33,669 --> 01:15:31,679

to spin

2033

01:15:36,830 --> 01:15:33,679

i just wanted to show you this can you

2034

01:15:42,709 --> 01:15:38,790

uh relatives uncle jack you're doing

2035

01:15:48,470 --> 01:15:46,070

okay that's from jeff oh really

2036

01:15:49,750 --> 01:15:48,480

oh okay that's right your nephew yeah

2037

01:15:52,070 --> 01:15:49,760

wow cool

2038

01:15:52,870 --> 01:15:52,080

okay so now you're being put on the spot

2039

01:15:56,310 --> 01:15:52,880

fantastic

2040

01:15:57,750 --> 01:15:56,320

okay so any fluid pretty much any

2041

01:16:01,030 --> 01:15:57,760

hydrocarbon

2042

01:16:01,510 --> 01:16:01,040

can be electro spun it almost doesn't

2043

01:16:03,990 --> 01:16:01,520

matter

2044

01:16:04,790 --> 01:16:04,000

what you put in it as long as it's not

2045

01:16:06,630 --> 01:16:04,800

so big

2046

01:16:09,430 --> 01:16:06,640

if it gets to be as large as the fiber

2047

01:16:11,990 --> 01:16:09,440

you want the fiber is going to break

2048

01:16:12,790 --> 01:16:12,000

and it will fail now another question i

2049

01:16:16,390 --> 01:16:12,800

have for you

2050

01:16:19,669 --> 01:16:16,400

jack um you mentioned disc shape

2051  
01:16:21,590 --> 01:16:19,679  
ufos you mentioned cigar shaped ufos

2052  
01:16:22,790 --> 01:16:21,600  
a lot of people talking about triangle

2053  
01:16:25,990 --> 01:16:22,800  
ufos

2054  
01:16:28,870 --> 01:16:26,000  
right um has anyone ever reported

2055  
01:16:30,229 --> 01:16:28,880  
the angel hair uh you know trace

2056  
01:16:32,550 --> 01:16:30,239  
evidence from

2057  
01:16:33,430 --> 01:16:32,560  
i am i am trying to do that in the next

2058  
01:16:36,310 --> 01:16:33,440  
two minutes

2059  
01:16:38,550 --> 01:16:36,320  
okay okay just jumping back a little bit

2060  
01:16:41,270 --> 01:16:38,560  
to the left-hand picture

2061  
01:16:42,550 --> 01:16:41,280  
the angel here can come off of an

2062  
01:16:45,669 --> 01:16:42,560  
unfeatured

2063  
01:16:49,910 --> 01:16:45,679

smooth surface you do not need

2064

01:16:53,030 --> 01:16:49,920

any orifices you don't need any nozzles

2065

01:16:54,229 --> 01:16:53,040

all you need is a smooth surface and the

2066

01:16:58,070 --> 01:16:54,239

electricity

2067

01:16:59,510 --> 01:16:58,080

electric field creates these little

2068

01:17:01,750 --> 01:16:59,520

tipples or whatever you want to call

2069

01:17:03,189 --> 01:17:01,760

them little points on the surface of

2070

01:17:04,870 --> 01:17:03,199

liquid if you want the technical term

2071

01:17:07,110 --> 01:17:04,880

they're called taylor cones

2072

01:17:08,870 --> 01:17:07,120

and these little tips turn into

2073

01:17:10,630 --> 01:17:08,880

extruding strings

2074

01:17:12,470 --> 01:17:10,640

and you can get hundreds of them

2075

01:17:14,870 --> 01:17:12,480

especially from a continuous

2076

01:17:16,390 --> 01:17:14,880

film now as some of your a lot of your

2077

01:17:18,870 --> 01:17:16,400

listeners probably know

2078

01:17:21,270 --> 01:17:18,880

if you have a object that has a very

2079

01:17:24,470 --> 01:17:21,280

high intensity electric field on it

2080

01:17:25,990 --> 01:17:24,480

the largest fields are at the corners

2081

01:17:27,510 --> 01:17:26,000

that's why the corner of high field

2082

01:17:27,990 --> 01:17:27,520

objects usually break down first where

2083

01:17:32,229 --> 01:17:28,000

you get an

2084

01:17:33,750 --> 01:17:32,239

arc and that's why the angel hairs comes

2085

01:17:35,350 --> 01:17:33,760

off the ends and off the ends because

2086

01:17:35,830 --> 01:17:35,360

you have the highest electric field

2087

01:17:37,510 --> 01:17:35,840

there

2088

01:17:39,110 --> 01:17:37,520

so that's the first place you can have

2089

01:17:41,669 --> 01:17:39,120

enough electric field

2090

01:17:43,189 --> 01:17:41,679

to drive it off if the voltage on the

2091

01:17:44,390 --> 01:17:43,199

entire craft was high enough it would

2092

01:17:47,990 --> 01:17:44,400

probably come off

2093

01:17:50,149 --> 01:17:48,000

all over the craft okay so it can come

2094

01:17:53,350 --> 01:17:50,159

off anywhere on the craft

2095

01:17:55,750 --> 01:17:53,360

and it's ac and it can be

2096

01:17:56,790 --> 01:17:55,760

insulating or it can be conductive now

2097

01:18:00,229 --> 01:17:56,800

what was your question

2098

01:18:01,110 --> 01:18:00,239

i'm sorry um just like if if something

2099

01:18:03,270 --> 01:18:01,120

was

2100

01:18:04,470 --> 01:18:03,280

in a different atmosphere like the moon

2101

01:18:06,149 --> 01:18:04,480

or something like that

2102

01:18:07,510 --> 01:18:06,159

well if you haven't i'm sorry that was

2103

01:18:10,630 --> 01:18:07,520

uh previous no

2104

01:18:12,390 --> 01:18:10,640

um about triangle ufos have they ever

2105

01:18:14,950 --> 01:18:12,400

has

2106

01:18:16,590 --> 01:18:14,960

look at the website when not now please

2107

01:18:18,070 --> 01:18:16,600

if you look at my website

2108

01:18:20,310 --> 01:18:18,080

uapbehavior.com

2109

01:18:22,390 --> 01:18:20,320

i believe there is an addendum in there

2110

01:18:24,870 --> 01:18:22,400

and if there's not i'll put it in

2111

01:18:26,630 --> 01:18:24,880

but um reported in the mufon and mufon's

2112

01:18:28,709 --> 01:18:26,640

a fine organization

2113

01:18:30,470 --> 01:18:28,719

mufon report one case in their cms

2114

01:18:33,030 --> 01:18:30,480

system

2115

01:18:33,910 --> 01:18:33,040

a couple of years ago of triangles

2116

01:18:39,910 --> 01:18:33,920

leaving be

2117

01:18:41,350 --> 01:18:39,920

material that fell to the ground that is

2118

01:18:43,910 --> 01:18:41,360

almost certainly

2119

01:18:44,709 --> 01:18:43,920

angel hair it was at night and there

2120

01:18:46,709 --> 01:18:44,719

were two of them

2121

01:18:48,310 --> 01:18:46,719

and they were both doing the same thing

2122

01:18:49,750 --> 01:18:48,320

i don't remember whether i already cited

2123

01:18:51,270 --> 01:18:49,760

that as an addendum

2124

01:18:53,110 --> 01:18:51,280

in the angel his section or not but if i

2125

01:18:56,709 --> 01:18:53,120

didn't i will add it but

2126

01:19:00,470 --> 01:18:56,719

yes um so now let me get to

2127

01:19:01,910 --> 01:19:00,480

triangles because discs have massive

2128

01:19:05,189 --> 01:19:01,920

services

2129

01:19:07,990 --> 01:19:05,199

of which to extrude angel here

2130

01:19:09,110 --> 01:19:08,000

and where this stuff conglomerate uh

2131

01:19:10,870 --> 01:19:09,120

cigars

2132

01:19:13,430 --> 01:19:10,880

of which we don't see very many anymore

2133

01:19:15,350 --> 01:19:13,440

especially not 300 foot cigars

2134

01:19:18,149 --> 01:19:15,360

apparently the top end of the cigar when

2135

01:19:19,750 --> 01:19:18,159

it hangs at 45 degrees in the air

2136

01:19:21,669 --> 01:19:19,760

almost all the angel here comes off the

2137

01:19:22,950 --> 01:19:21,679

top end so i suspect when a thing goes

2138

01:19:24,870 --> 01:19:22,960

through space

2139

01:19:26,390 --> 01:19:24,880

it's traveling in an interstellar manner

2140

01:19:28,550 --> 01:19:26,400

because it's a mother chip

2141

01:19:29,910 --> 01:19:28,560

most of the goop is getting attached on

2142

01:19:30,870 --> 01:19:29,920

the front end because that's what hits

2143

01:19:32,630 --> 01:19:30,880

first

2144

01:19:34,630 --> 01:19:32,640

uh that makes sense and that's where

2145

01:19:36,550 --> 01:19:34,640

most of the angel hair comes off

2146

01:19:37,990 --> 01:19:36,560

mostly illinois coating is on the front

2147

01:19:39,910 --> 01:19:38,000

end of the cigar

2148

01:19:41,830 --> 01:19:39,920

let's talk about triangles the subject

2149

01:19:43,590 --> 01:19:41,840

is absolutely fascinating

2150

01:19:47,669 --> 01:19:43,600

um i have been in contact with dave

2151

01:19:52,229 --> 01:19:47,679

marlar uh marlar i know he's a great guy

2152

01:19:54,630 --> 01:19:52,239

yeah everything wonderful gentlemen um

2153

01:19:55,430 --> 01:19:54,640

you may be aware if you look at a

2154

01:19:59,430 --> 01:19:55,440

triangle

2155

01:20:02,709 --> 01:19:59,440

in uh 89

2156

01:20:06,709 --> 01:20:02,719

was it 89.91 yesterday yes

2157

01:20:08,470 --> 01:20:06,719

um right uh black triangles

2158

01:20:10,229 --> 01:20:08,480

typically when you look at them at night

2159

01:20:12,870 --> 01:20:10,239

they have three lights

2160

01:20:14,149 --> 01:20:12,880

in the corners right not maybe

2161

01:20:14,950 --> 01:20:14,159

equilateral triangle it may be an

2162

01:20:16,470 --> 01:20:14,960

isosceles

2163

01:20:18,550 --> 01:20:16,480

triangle which means the sides aren't

2164

01:20:19,350 --> 01:20:18,560

the same length two of them are always

2165

01:20:23,350 --> 01:20:19,360

the same length

2166

01:20:27,270 --> 01:20:23,360

to the sides but anyway those three

2167

01:20:29,910 --> 01:20:27,280

uh are almost certainly levitators

2168

01:20:31,110 --> 01:20:29,920

in other words they hold up the ufo they

2169

01:20:34,870 --> 01:20:31,120

levitate it

2170

01:20:37,830 --> 01:20:34,880

okay of the back end of the triangle

2171

01:20:38,629 --> 01:20:37,840

is the big time engine this is the one

2172

01:20:42,070 --> 01:20:38,639

that gives you

2173

01:20:42,950 --> 01:20:42,080

the hundreds of g's so it accelerates so

2174

01:20:45,510 --> 01:20:42,960

fast

2175

01:20:47,430 --> 01:20:45,520

you don't even see it disappear but

2176

01:20:51,030 --> 01:20:47,440

these levitators in order for

2177

01:20:53,350 --> 01:20:51,040

a triangle to go over you slowly

2178

01:20:54,790 --> 01:20:53,360

you need to have something that acts to

2179

01:20:56,470 --> 01:20:54,800

hold it up

2180

01:20:58,470 --> 01:20:56,480

obviously because it's going slowly or

2181

01:20:59,189 --> 01:20:58,480

it's stationary it doesn't need the

2182

01:21:00,950 --> 01:20:59,199

engine

2183

01:21:03,350 --> 01:21:00,960

of the rear end all it needs is these

2184

01:21:06,950 --> 01:21:03,360

levitators so there's a levitator

2185

01:21:09,830 --> 01:21:06,960

in each corner it turns out some sharp

2186

01:21:10,550 --> 01:21:09,840

eyed people recently looking at these

2187

01:21:13,990 --> 01:21:10,560

videos

2188

01:21:16,629 --> 01:21:14,000

of black triangles such as over belgium

2189

01:21:17,750 --> 01:21:16,639

have noticed that these white lights in

2190

01:21:20,950 --> 01:21:17,760

the corners

2191

01:21:24,070 --> 01:21:20,960

are actually a set of three lights

2192

01:21:27,350 --> 01:21:24,080

each one actually has three

2193

01:21:28,070 --> 01:21:27,360

sub white lights if you're far enough

2194

01:21:29,669 --> 01:21:28,080

away

2195

01:21:31,189 --> 01:21:29,679

it looks like one light but it's

2196

01:21:33,350 --> 01:21:31,199

actually three lights

2197

01:21:34,550 --> 01:21:33,360

and these three lights so-called lights

2198

01:21:36,149 --> 01:21:34,560

have been observed by people with

2199

01:21:39,590 --> 01:21:36,159

binoculars

2200

01:21:42,310 --> 01:21:39,600

um it turns out almost certainly

2201

01:21:44,149 --> 01:21:42,320

those three lights are three thrusters

2202

01:21:44,870 --> 01:21:44,159

and those three thrusters are not

2203

01:21:51,110 --> 01:21:44,880

pointed

2204

01:21:52,629 --> 01:21:51,120

at an ax or at an axis two

2205

01:21:54,709 --> 01:21:52,639

straight down so in other words let's

2206

01:21:56,310 --> 01:21:54,719

say 15 or 20 degrees

2207

01:21:59,990 --> 01:21:56,320

to a line going straight down to the

2208

01:22:03,189 --> 01:22:00,000

ground now why would they do that

2209

01:22:04,709 --> 01:22:03,199

well if you want to creep forward with

2210

01:22:07,350 --> 01:22:04,719

your triangle

2211

01:22:08,790 --> 01:22:07,360

you only light up the appropriate one of

2212

01:22:10,310 --> 01:22:08,800

the three the one that's at the

2213

01:22:13,110 --> 01:22:10,320

appropriate angle

2214

01:22:14,709 --> 01:22:13,120

and it drags the uap forward and that

2215

01:22:18,149 --> 01:22:14,719

would be the one of the three

2216

01:22:19,750 --> 01:22:18,159

on all three corners so three sub lights

2217

01:22:21,669 --> 01:22:19,760

on three corners i'm calling the lights

2218

01:22:24,629 --> 01:22:21,679

but they're really thrusters

2219

01:22:25,590 --> 01:22:24,639

um to drag it forward now if you turn on

2220

01:22:28,470 --> 01:22:25,600

a different one

2221

01:22:29,110 --> 01:22:28,480

that's angled forward it will push the

2222

01:22:32,470 --> 01:22:29,120

craft

2223

01:22:35,669 --> 01:22:32,480

back and many of you i'm sure have read

2224

01:22:38,709 --> 01:22:35,679

that you triangle uaps have frequently

2225

01:22:41,830 --> 01:22:38,719

been seen flying backwards with the flat

2226

01:22:43,830 --> 01:22:41,840

face forward you might say oh they're

2227

01:22:45,510 --> 01:22:43,840

flying vertical they've seen them

2228

01:22:47,030 --> 01:22:45,520

right so how can they do that i mean if

2229

01:22:48,629 --> 01:22:47,040

the engine's in the back well the engine

2230

01:22:50,310 --> 01:22:48,639

is in the back but that's the

2231

01:22:51,750 --> 01:22:50,320

the main thruster engine to get it out

2232

01:22:54,790 --> 01:22:51,760

of earth

2233

01:22:57,669 --> 01:22:54,800

ambien but these thrusters um

2234

01:22:59,030 --> 01:22:57,679

are have you know just enough power to

2235

01:23:01,750 --> 01:22:59,040

levitate this thing

2236

01:23:03,270 --> 01:23:01,760

so because if you only activate them in

2237

01:23:03,750 --> 01:23:03,280

the proper sequence the ones at the

2238

01:23:05,510 --> 01:23:03,760

proper

2239

01:23:06,790 --> 01:23:05,520

angle you can make this thing go

2240

01:23:09,430 --> 01:23:06,800

backwards at two three

2241

01:23:11,189 --> 01:23:09,440

four five fifteen miles an hour and

2242

01:23:13,750 --> 01:23:11,199

that's what they're doing

2243

01:23:15,669 --> 01:23:13,760

just this question up here um what is

2244

01:23:18,830 --> 01:23:15,679

this based on how do you know

2245

01:23:20,310 --> 01:23:18,840

um any of this i think that's a pretty

2246

01:23:23,510 --> 01:23:20,320

well

2247

01:23:25,189 --> 01:23:23,520

speculation but

2248

01:23:27,030 --> 01:23:25,199

uh to begin with this i think there's

2249

01:23:29,669 --> 01:23:27,040

not a lot of doubt that even uh

2250

01:23:30,070 --> 01:23:29,679

dave and others have in fact dave was

2251

01:23:31,830 --> 01:23:30,080

the

2252

01:23:34,310 --> 01:23:31,840

first one publicly that i noticed at

2253

01:23:35,669 --> 01:23:34,320

thrusters um i thought thrusters before

2254

01:23:37,110 --> 01:23:35,679

as well but he was the first one i think

2255

01:23:39,270 --> 01:23:37,120

that publicly said

2256

01:23:41,750 --> 01:23:39,280

thrusters but clearly they appear to be

2257

01:23:44,390 --> 01:23:41,760

thrusters that hold this craft up

2258

01:23:45,750 --> 01:23:44,400

and you will see on my website uap

2259

01:23:48,550 --> 01:23:45,760

behavior.com

2260

01:23:50,229 --> 01:23:48,560

you will see during the belgium

2261

01:23:51,910 --> 01:23:50,239

incredible event

2262

01:23:53,830 --> 01:23:51,920

where there was something like 200 of

2263

01:23:56,709 --> 01:23:53,840

these black triangles

2264

01:23:57,510 --> 01:23:56,719

seen there was a famous photograph taken

2265

01:23:59,669 --> 01:23:57,520

i'm sure

2266

01:24:01,110 --> 01:23:59,679

all of you have seen it it's called the

2267

01:24:02,629 --> 01:24:01,120

petite rasheen

2268

01:24:05,189 --> 01:24:02,639

and that's french and i'm sure i'm

2269

01:24:06,709 --> 01:24:05,199

buggering it but petite rasheen means

2270

01:24:07,990 --> 01:24:06,719

small something in french but it's a

2271

01:24:11,590 --> 01:24:08,000

town

2272

01:24:14,709 --> 01:24:11,600

in france and somebody

2273

01:24:17,110 --> 01:24:14,719

in reality took a very good photo

2274

01:24:18,070 --> 01:24:17,120

of one of these craft from directly

2275

01:24:21,030 --> 01:24:18,080

underneath

2276

01:24:22,550 --> 01:24:21,040

and it's called the petite machine photo

2277

01:24:25,590 --> 01:24:22,560

and if you get on that's p

2278

01:24:27,669 --> 01:24:25,600

t i t hyphen r e c h a

2279

01:24:30,070 --> 01:24:27,679

i n and again i believe it's the name of

2280

01:24:31,830 --> 01:24:30,080

the town where the photo was taken so

2281

01:24:34,149 --> 01:24:31,840

let me tell you the story of this

2282

01:24:35,110 --> 01:24:34,159

this photo is on my website this photo

2283

01:24:38,229 --> 01:24:35,120

is all over

2284

01:24:42,070 --> 01:24:38,239

the internet this photo

2285

01:24:45,510 --> 01:24:42,080

came out um

2286

01:24:49,110 --> 01:24:45,520

uh and uh what happened

2287

01:24:52,790 --> 01:24:49,120

was somebody uh claimed to have

2288

01:24:56,149 --> 01:24:52,800

um taken it um

2289

01:24:59,350 --> 01:24:56,159

but it turns out that person probably

2290

01:25:01,430 --> 01:24:59,360

didn't take it somebody else took it

2291

01:25:03,030 --> 01:25:01,440

are you talking about this this

2292

01:25:04,790 --> 01:25:03,040

particular picture here

2293

01:25:06,470 --> 01:25:04,800

i can't see what you're talking about

2294

01:25:10,390 --> 01:25:06,480

it's right in the screen in front of you

2295

01:25:12,709 --> 01:25:10,400

no you don't see

2296

01:25:14,709 --> 01:25:12,719

you don't see the image up here no i see

2297

01:25:17,430 --> 01:25:14,719

i see your box

2298

01:25:20,550 --> 01:25:17,440

no no i don't see it oh that's it

2299

01:25:23,110 --> 01:25:20,560

minimize this window hold on

2300

01:25:24,310 --> 01:25:23,120

no do you see yourself in the screen

2301

01:25:26,229 --> 01:25:24,320

yeah yeah yeah

2302

01:25:27,750 --> 01:25:26,239

that's it right there right uh

2303

01:25:29,030 --> 01:25:27,760

unfortunately this is a pretty lousy

2304

01:25:31,910 --> 01:25:29,040

print

2305

01:25:33,110 --> 01:25:31,920

um so what i want the uh listeners to do

2306

01:25:35,910 --> 01:25:33,120

is to

2307

01:25:37,590 --> 01:25:35,920

uh look at the uh the p the uh

2308

01:25:40,629 --> 01:25:37,600

powerpoint when you get it

2309

01:25:42,950 --> 01:25:40,639

but you will find if you look far enough

2310

01:25:44,470 --> 01:25:42,960

you'll find a fairly high resolution

2311

01:25:46,470 --> 01:25:44,480

picture so can you go back to the

2312

01:25:48,229 --> 01:25:46,480

picture you do have although it's not

2313

01:25:51,510 --> 01:25:48,239

great i can explain something about it

2314

01:25:53,110 --> 01:25:51,520

there you go okay um the picture that

2315

01:25:55,669 --> 01:25:53,120

you'll find that's a higher resolution

2316

01:25:57,350 --> 01:25:55,679

is the mirror image of this one

2317

01:25:58,790 --> 01:25:57,360

this appears at like a hundred different

2318

01:26:00,390 --> 01:25:58,800

sites on the internet

2319

01:26:02,790 --> 01:26:00,400

the picture i'm talking about is a

2320

01:26:04,790 --> 01:26:02,800

significantly higher resolution

2321

01:26:06,310 --> 01:26:04,800

you will note in that higher resolution

2322

01:26:09,590 --> 01:26:06,320

picture

2323

01:26:11,510 --> 01:26:09,600

that one of those rear thrusters you see

2324

01:26:13,110 --> 01:26:11,520

there's three thrusters in the corner

2325

01:26:14,229 --> 01:26:13,120

and there's something in the middle we

2326

01:26:14,950 --> 01:26:14,239

don't quite know what the thing in the

2327

01:26:17,110 --> 01:26:14,960

middle is

2328

01:26:18,629 --> 01:26:17,120

the three in the corner are thrusters

2329

01:26:19,669 --> 01:26:18,639

well if you look at the high-res picture

2330

01:26:22,870 --> 01:26:19,679

i told you about

2331

01:26:26,229 --> 01:26:22,880

you are clearly

2332

01:26:29,270 --> 01:26:26,239

going to see hair-like material

2333

01:26:32,470 --> 01:26:29,280

oozing away from those lights

2334

01:26:33,669 --> 01:26:32,480

those thrusters and in one case a chunk

2335

01:26:35,990 --> 01:26:33,679

of fiber

2336

01:26:37,750 --> 01:26:36,000

probably two to three feet long it's

2337

01:26:41,350 --> 01:26:37,760

actually hanging in space

2338

01:26:42,950 --> 01:26:41,360

there you go okay look at the one on the

2339

01:26:44,790 --> 01:26:42,960

right lower right

2340

01:26:47,270 --> 01:26:44,800

yeah see you're looking at the bottom of

2341

01:26:50,310 --> 01:26:47,280

this triangle ufo

2342

01:26:52,390 --> 01:26:50,320

right next to where you see martin off

2343

01:26:53,669 --> 01:26:52,400

his shoulder there see that chunk of

2344

01:26:56,790 --> 01:26:53,679

fiber

2345

01:26:58,870 --> 01:26:56,800

that's angel here i am fairly certain

2346

01:26:59,990 --> 01:26:58,880

if you look at that same spot on the

2347

01:27:02,390 --> 01:27:00,000

lower right

2348

01:27:04,149 --> 01:27:02,400

that back actually if you if you're in

2349

01:27:04,950 --> 01:27:04,159

the ufo it's the back left thruster

2350

01:27:07,110 --> 01:27:04,960

right

2351  
01:27:08,950 --> 01:27:07,120  
you'll also notice there's that serrated

2352  
01:27:11,430 --> 01:27:08,960  
structure of fibers

2353  
01:27:13,510 --> 01:27:11,440  
on the forward side of the light and

2354  
01:27:15,510 --> 01:27:13,520  
that serration action is happening

2355  
01:27:20,149 --> 01:27:15,520  
because the power is pulsed

2356  
01:27:23,030 --> 01:27:20,159  
hair is produced in a pulse manner

2357  
01:27:25,270 --> 01:27:23,040  
and that's why you get those serrations

2358  
01:27:28,470 --> 01:27:25,280  
if you look at the

2359  
01:27:31,990 --> 01:27:28,480  
lower left of the photo you also see

2360  
01:27:34,950 --> 01:27:32,000  
behind the thruster a bundle

2361  
01:27:36,790 --> 01:27:34,960  
of fibers that are being left behind the

2362  
01:27:37,590 --> 01:27:36,800  
most striking one is on the right hand

2363  
01:27:39,669 --> 01:27:37,600

side

2364

01:27:40,629 --> 01:27:39,679

that lower right one you see a long

2365

01:27:42,950 --> 01:27:40,639

fiber

2366

01:27:44,390 --> 01:27:42,960

bundle right next to martin and then at

2367

01:27:47,350 --> 01:27:44,400

the front of that

2368

01:27:48,870 --> 01:27:47,360

far right rear thruster you'll see

2369

01:27:51,669 --> 01:27:48,880

another big clump

2370

01:27:52,550 --> 01:27:51,679

of angel hair i am certain this is an

2371

01:27:55,510 --> 01:27:52,560

angel here

2372

01:27:57,590 --> 01:27:55,520

it's made by the same mechanism as the

2373

01:27:59,590 --> 01:27:57,600

angel hair from the discs

2374

01:28:01,590 --> 01:27:59,600

you'll also see from the thruster in the

2375

01:28:03,910 --> 01:28:01,600

front some semblance of

2376

01:28:04,950 --> 01:28:03,920

angel hair coming off the front but the

2377

01:28:07,990 --> 01:28:04,960

back two

2378

01:28:09,830 --> 01:28:08,000

have the um have the most

2379

01:28:11,990 --> 01:28:09,840

i also would like you to notice in this

2380

01:28:13,910 --> 01:28:12,000

figure that this craft

2381

01:28:15,030 --> 01:28:13,920

incidentally this photo has been

2382

01:28:18,070 --> 01:28:15,040

analyzed

2383

01:28:20,950 --> 01:28:18,080

by three of the top three photo analysts

2384

01:28:21,830 --> 01:28:20,960

in the world i'm not talking about

2385

01:28:23,990 --> 01:28:21,840

flunkies

2386

01:28:24,950 --> 01:28:24,000

i'm talking about the top three experts

2387

01:28:27,110 --> 01:28:24,960

in the world

2388

01:28:28,149 --> 01:28:27,120

look it up if you don't take my word for

2389

01:28:31,110 --> 01:28:28,159

it all

2390

01:28:32,149 --> 01:28:31,120

three pronounce this photo as genuine

2391

01:28:35,430 --> 01:28:32,159

that it is not

2392

01:28:36,870 --> 01:28:35,440

a fake did you hear the story about this

2393

01:28:39,750 --> 01:28:36,880

particular photo that

2394

01:28:40,390 --> 01:28:39,760

a guy came forward and said that he

2395

01:28:43,590 --> 01:28:40,400

faked it

2396

01:28:45,110 --> 01:28:43,600

and then what happened what happened

2397

01:28:46,709 --> 01:28:45,120

then he tried to reproduce it and he

2398

01:28:48,950 --> 01:28:46,719

couldn't do it exactly

2399

01:28:51,990 --> 01:28:48,960

a few years ago i don't remember how

2400

01:28:54,149 --> 01:28:52,000

many i think it was in 2010

2401  
01:28:55,430 --> 01:28:54,159  
um so maybe it's 10 years ago several

2402  
01:29:00,149 --> 01:28:55,440  
years ago

2403  
01:29:04,149 --> 01:29:00,159  
somebody came forward and

2404  
01:29:06,709 --> 01:29:04,159  
talked to a newspaper and the newspaper

2405  
01:29:09,590 --> 01:29:06,719  
newspaper went forward and wrote a story

2406  
01:29:11,189 --> 01:29:09,600  
that says we got the guy who did this

2407  
01:29:12,870 --> 01:29:11,199  
and it turned out and i'm not going to

2408  
01:29:13,750 --> 01:29:12,880  
call anybody a liar on the show so i

2409  
01:29:15,430 --> 01:29:13,760  
won't

2410  
01:29:17,750 --> 01:29:15,440  
but it turned out the guy had zero

2411  
01:29:19,510 --> 01:29:17,760  
credibility the person who brought the

2412  
01:29:22,870 --> 01:29:19,520  
story to the paper

2413  
01:29:25,270 --> 01:29:22,880

not only insisted on remaining anonymous

2414

01:29:26,550 --> 01:29:25,280

but he insisted that this person he said

2415

01:29:29,910 --> 01:29:26,560

took the photo

2416

01:29:31,110 --> 01:29:29,920

also remain anonymous so all he had was

2417

01:29:33,510 --> 01:29:31,120

a story

2418

01:29:35,110 --> 01:29:33,520

that said i got the guy who did this

2419

01:29:38,550 --> 01:29:35,120

with absolute

2420

01:29:43,510 --> 01:29:38,560

zero proof yeah um so what happened

2421

01:29:45,030 --> 01:29:43,520

was somehow somebody insisted that okay

2422

01:29:46,870 --> 01:29:45,040

you make this guy go back and take

2423

01:29:48,870 --> 01:29:46,880

another photo that's just like the first

2424

01:29:50,229 --> 01:29:48,880

that's right he couldn't do it the fact

2425

01:29:51,510 --> 01:29:50,239

no couldn't do it it didn't look

2426

01:29:53,990 --> 01:29:51,520

anything like the experts

2427

01:29:56,870 --> 01:29:54,000

looked at it said no no it looks just

2428

01:29:59,910 --> 01:29:58,310

um i didn't want to tell you this that

2429

01:30:02,950 --> 01:29:59,920

we are now going to be

2430

01:30:05,110 --> 01:30:02,960

uh taking calls okay so

2431

01:30:06,390 --> 01:30:05,120

um i did want to let uh the numbers up

2432

01:30:07,030 --> 01:30:06,400

in the screen that's eight five five

2433

01:30:10,709 --> 01:30:07,040

four seven

2434

01:30:13,669 --> 01:30:10,719

two five four eight three and um

2435

01:30:13,990 --> 01:30:13,679

i wanted to also tell people that uh let

2436

01:30:17,350 --> 01:30:14,000

me

2437

01:30:20,550 --> 01:30:17,360

bring this up here and here's

2438

01:30:21,350 --> 01:30:20,560

uh here's our the t-shirts the first two

2439

01:30:24,390 --> 01:30:21,360

people

2440

01:30:25,830 --> 01:30:24,400

get to choose a t-shirt and uh

2441

01:30:27,510 --> 01:30:25,840

you have to live in the united states

2442

01:30:30,790 --> 01:30:27,520

please if you would

2443

01:30:33,590 --> 01:30:30,800

and so that is also on our website

2444

01:30:34,950 --> 01:30:33,600

which is podcast ufo.com you'll see the

2445

01:30:37,830 --> 01:30:34,960

the upper bar

2446

01:30:38,390 --> 01:30:37,840

menu bar you will see merchandise click

2447

01:30:40,790 --> 01:30:38,400

on that

2448

01:30:41,590 --> 01:30:40,800

and you can choose color size style

2449

01:30:44,149 --> 01:30:41,600

anything

2450

01:30:45,430 --> 01:30:44,159

you want okay i guess you could order a

2451

01:30:47,189 --> 01:30:45,440

pillow if you wanted to

2452

01:30:49,189 --> 01:30:47,199

but anyway i just wanted to let you know

2453

01:30:51,830 --> 01:30:49,199

um the lines are open

2454

01:30:53,510 --> 01:30:51,840

and we will take your calls first two

2455

01:30:56,790 --> 01:30:53,520

callers get a t-shirt

2456

01:30:59,910 --> 01:30:56,800

and the last uh caller will get

2457

01:31:02,870 --> 01:30:59,920

um i'm not saying the last call but

2458

01:31:04,550 --> 01:31:02,880

the uh the third caller will get my

2459

01:31:08,149 --> 01:31:04,560

painting

2460

01:31:10,149 --> 01:31:08,159

of a ufo so hey martin can i get a

2461

01:31:13,189 --> 01:31:10,159

t-shirt

2462

01:31:15,189 --> 01:31:13,199

it'll cost you buddy no

2463

01:31:16,629 --> 01:31:15,199

we can definitely work it out no problem

2464

01:31:19,189 --> 01:31:16,639

go ahead with the questions

2465

01:31:20,790 --> 01:31:19,199

yeah so no that's it i'm just waiting uh

2466

01:31:25,270 --> 01:31:20,800

now to just let

2467

01:31:27,990 --> 01:31:25,280

let everyone know the the lines are open

2468

01:31:30,310 --> 01:31:28,000

and uh we will take your calls and i'd

2469

01:31:33,430 --> 01:31:30,320

be willing to discuss uh

2470

01:31:35,430 --> 01:31:33,440

just about any famous case also

2471

01:31:36,709 --> 01:31:35,440

okay sure we did have a ton of questions

2472

01:31:38,709 --> 01:31:36,719

that's why i know

2473

01:31:40,149 --> 01:31:38,719

that uh we are going to have some people

2474

01:31:42,550 --> 01:31:40,159

in uh

2475

01:31:43,430 --> 01:31:42,560

yeah even bill our phone screener wants

2476

01:31:45,510 --> 01:31:43,440

a t-shirt but

2477

01:31:46,950 --> 01:31:45,520

it doesn't count bill sorry let's try to

2478

01:31:48,629 --> 01:31:46,960

answer as many as possible so i'm going

2479

01:31:50,870 --> 01:31:48,639

to go through them really quickly

2480

01:31:52,870 --> 01:31:50,880

all right um someone had this question

2481

01:31:56,229 --> 01:31:52,880

in their other chat room which is not

2482

01:31:59,030 --> 01:31:56,239

is over at kgr a radio neutron asked any

2483

01:32:02,149 --> 01:31:59,040

findings to support what some say about

2484

01:32:05,990 --> 01:32:02,159

our body carbon has been genetically

2485

01:32:10,830 --> 01:32:06,000

changing in its makeup from 616

2486

01:32:18,070 --> 01:32:13,750

uh let me let me say this

2487

01:32:21,669 --> 01:32:18,080

that at atoms a carbon is an atom right

2488

01:32:24,229 --> 01:32:21,679

atoms are essentially in violet

2489

01:32:26,550 --> 01:32:24,239

which means that every carbon atom is

2490

01:32:28,790 --> 01:32:26,560

like every other carbon atom

2491

01:32:29,830 --> 01:32:28,800

and if it wasn't physics would have

2492

01:32:33,110 --> 01:32:29,840

known about it

2493

01:32:34,950 --> 01:32:33,120

centuries ago every carbon atom is like

2494

01:32:37,270 --> 01:32:34,960

every other carbon atom

2495

01:32:38,550 --> 01:32:37,280

now there are a few things you can do to

2496

01:32:41,110 --> 01:32:38,560

temporarily

2497

01:32:42,390 --> 01:32:41,120

make atoms different and one thing you

2498

01:32:43,430 --> 01:32:42,400

can do to make them permanently

2499

01:32:44,950 --> 01:32:43,440

different

2500

01:32:46,709 --> 01:32:44,960

the thing to make them permanently

2501

01:32:49,110 --> 01:32:46,719

different is there are different

2502

01:32:51,270 --> 01:32:49,120

isotopes of most every element

2503

01:32:53,030 --> 01:32:51,280

you probably heard the word isotope yeah

2504

01:32:54,229 --> 01:32:53,040

it could be a little confusing nuclear

2505

01:32:57,830 --> 01:32:54,239

stuff whatever

2506

01:33:00,390 --> 01:32:57,840

all it means is that every

2507

01:33:02,149 --> 01:33:00,400

atom one of the things in the middle of

2508

01:33:04,790 --> 01:33:02,159

the atom are called neutrons things with

2509

01:33:08,229 --> 01:33:04,800

no electrical charge

2510

01:33:11,669 --> 01:33:08,239

carbon among other mineral elements

2511

01:33:13,510 --> 01:33:11,679

has multiple isotopes so they're all

2512

01:33:15,270 --> 01:33:13,520

called carbon

2513

01:33:17,270 --> 01:33:15,280

however they have extra some of them

2514

01:33:20,310 --> 01:33:17,280

have extra neutrons

2515

01:33:21,110 --> 01:33:20,320

so they act chemically very slightly

2516

01:33:24,950 --> 01:33:21,120

different

2517

01:33:27,510 --> 01:33:24,960

than carbon-12 okay but essentially

2518

01:33:28,550 --> 01:33:27,520

they're the same so that's the only

2519

01:33:30,950 --> 01:33:28,560

different and then the other thing you

2520

01:33:33,669 --> 01:33:30,960

can do to just about any atom

2521

01:33:35,110 --> 01:33:33,679

is you can ionize it that sounds like a

2522

01:33:36,709 --> 01:33:35,120

big word but it's not really very

2523

01:33:40,390 --> 01:33:36,719

complicated

2524

01:33:42,790 --> 01:33:40,400

all atoms have electrons

2525

01:33:44,470 --> 01:33:42,800

running around the outside in orbits

2526

01:33:46,629 --> 01:33:44,480

just like spacecraft going around

2527

01:33:47,990 --> 01:33:46,639

earth different orbits of different

2528

01:33:52,070 --> 01:33:48,000

shapes

2529

01:33:54,310 --> 01:33:52,080

and if you do something to the atom

2530

01:33:55,270 --> 01:33:54,320

like whack it somehow with an electron

2531

01:33:57,030 --> 01:33:55,280

beam

2532

01:33:59,430 --> 01:33:57,040

you can knock some of those electrons

2533

01:34:01,189 --> 01:33:59,440

off so they go away from the atom

2534

01:34:03,510 --> 01:34:01,199

what happens now well it just lost an

2535

01:34:05,189 --> 01:34:03,520

electron so now it's positively charged

2536

01:34:08,070 --> 01:34:05,199

it lost a negative charge

2537

01:34:09,590 --> 01:34:08,080

that's called an ion okay when you look

2538

01:34:12,149 --> 01:34:09,600

at the aurora

2539

01:34:13,430 --> 01:34:12,159

you're looking at ions of the gases in

2540

01:34:16,709 --> 01:34:13,440

the atmosphere

2541

01:34:17,669 --> 01:34:16,719

plasmas the purple color red color blue

2542

01:34:21,030 --> 01:34:17,679

color

2543

01:34:23,110 --> 01:34:21,040

ions

2544

01:34:24,950 --> 01:34:23,120

that when the electrons relax and go

2545

01:34:28,709 --> 01:34:24,960

back and when it recovers the electron

2546

01:34:31,510 --> 01:34:28,719

it produces blue light every atom

2547

01:34:33,430 --> 01:34:31,520

has a string of isotopes when those

2548

01:34:34,070 --> 01:34:33,440

electrons recover and it's not an iso

2549

01:34:36,229 --> 01:34:34,080

it's not a

2550

01:34:38,070 --> 01:34:36,239

not an ion anymore they all have a

2551

01:34:39,990 --> 01:34:38,080

specific color

2552

01:34:42,149 --> 01:34:40,000

that's how scientists figure out so much

2553

01:34:44,149 --> 01:34:42,159

about what's light years away

2554

01:34:46,149 --> 01:34:44,159

from the spectroscopy we can tell from

2555

01:34:47,910 --> 01:34:46,159

the colors we see

2556

01:34:50,470 --> 01:34:47,920

what the chemicals are and what

2557

01:34:52,790 --> 01:34:50,480

transitions they're undergoing

2558

01:34:55,189 --> 01:34:52,800

right we have uh we have our first

2559

01:34:57,750 --> 01:34:55,199

t-shirt uh winner ronald

2560

01:35:00,550 --> 01:34:57,760

calling from minnesota uh welcome to the

2561

01:35:03,590 --> 01:35:00,560

show ronald

2562

01:35:05,910 --> 01:35:03,600

hi martin and hello to your guest

2563

01:35:07,510 --> 01:35:05,920

happy holidays for merry christmas

2564

01:35:11,750 --> 01:35:07,520

whatever you want to call it

2565

01:35:15,510 --> 01:35:11,760

yeah i had a question about the angel

2566

01:35:19,030 --> 01:35:15,520

error i've seeing some strange

2567

01:35:22,229 --> 01:35:19,040

activity once um here in minnesota

2568

01:35:23,590 --> 01:35:22,239

it snowed in june once and i

2569

01:35:25,910 --> 01:35:23,600

was trying to figure out how it was

2570

01:35:26,950 --> 01:35:25,920

snowing into occurred minnesota it could

2571

01:35:30,709 --> 01:35:26,960

snow anytime

2572

01:35:33,830 --> 01:35:30,719

but in in tune it was snowing and

2573

01:35:35,910 --> 01:35:33,840

which was kind of weird and i didn't

2574

01:35:37,109 --> 01:35:35,920

know about this angel hair stuff which

2575

01:35:39,910 --> 01:35:37,119

could have been happening

2576

01:35:42,629 --> 01:35:39,920

at any any point obviously all right let

2577

01:35:44,229 --> 01:35:42,639

me tell you something

2578

01:35:45,669 --> 01:35:44,239

i'm going to tell you something that you

2579

01:35:48,709 --> 01:35:45,679

and others are going to find

2580

01:35:51,270 --> 01:35:48,719

very exciting okay hopefully i'm going

2581

01:35:53,510 --> 01:35:51,280

to make your evening here

2582

01:35:54,310 --> 01:35:53,520

it turns out the way the angel hair

2583

01:35:55,830 --> 01:35:54,320

works with these

2584

01:35:59,109 --> 01:35:55,840

agglomerated coatings and then the

2585

01:36:02,709 --> 01:35:59,119

electric field pulls them off

2586

01:36:07,830 --> 01:36:02,719

if the ufo spins itself fast enough

2587

01:36:14,390 --> 01:36:11,590

yeah as droplets all right droplets

2588

01:36:15,590 --> 01:36:14,400

all throughout the ground they also

2589

01:36:19,030 --> 01:36:15,600

sublimate

2590

01:36:21,430 --> 01:36:19,040

the ground they fall

2591

01:36:23,189 --> 01:36:21,440

looking like snowflakes now i'm not

2592

01:36:24,709 --> 01:36:23,199

saying this is absolutely surely what

2593

01:36:26,070 --> 01:36:24,719

your incident was

2594

01:36:29,189 --> 01:36:26,080

i spent incidentally a lot of time in

2595

01:36:31,430 --> 01:36:29,199

minnesota and medical companies but

2596

01:36:32,629 --> 01:36:31,440

there is a mechanism where angel hair

2597

01:36:34,550 --> 01:36:32,639

can give you something that looks

2598

01:36:38,390 --> 01:36:34,560

exactly like snow

2599

01:36:41,669 --> 01:36:38,400

and they're the most incredible ufo case

2600

01:36:42,790 --> 01:36:41,679

in history to me the most incredible

2601

01:36:46,229 --> 01:36:42,800

case

2602

01:36:48,550 --> 01:36:46,239

know

2603

01:36:49,590 --> 01:36:48,560

about this very interesting thank you

2604

01:36:51,990 --> 01:36:49,600

very much

2605

01:36:53,910 --> 01:36:52,000

very interesting so martin again uh

2606

01:36:55,430 --> 01:36:53,920

another great show thank you bill for

2607

01:36:58,390 --> 01:36:55,440

taking the call thank you

2608

01:36:59,430 --> 01:36:58,400

and happy holidays and i'll let someone

2609

01:37:02,550 --> 01:36:59,440

else call in

2610

01:37:04,950 --> 01:37:02,560

and enjoy your t-shirt yeah yeah

2611

01:37:07,830 --> 01:37:04,960

all right you want me to mention about

2612

01:37:11,430 --> 01:37:07,840

fatima portugal 1917

2613

01:37:14,790 --> 01:37:11,440

17 000 you got the number right

2614

01:37:19,030 --> 01:37:14,800

17 000 witnesses witnessed

2615

01:37:21,830 --> 01:37:19,040

what was almost certainly a ufo a pair

2616

01:37:22,950 --> 01:37:21,840

over red valley this was if you read up

2617

01:37:24,870 --> 01:37:22,960

on the internet you can see it was

2618

01:37:29,030 --> 01:37:24,880

actually pre-planned

2619

01:37:30,709 --> 01:37:29,040

religious kind of event at any rate

2620

01:37:32,550 --> 01:37:30,719

many of the witnesses saw that this was

2621

01:37:36,070 --> 01:37:32,560

a disc

2622

01:37:37,430 --> 01:37:36,080

when the disc started spinning

2623

01:37:39,669 --> 01:37:37,440

multiple witnesses saw it started

2624

01:37:42,709 --> 01:37:39,679

spinning in the air

2625

01:37:45,510 --> 01:37:42,719

the people in the crowd 17 000 people

2626  
01:37:46,629 --> 01:37:45,520  
were rained down upon with what they

2627  
01:37:49,910 --> 01:37:46,639  
called at the time because they didn't

2628  
01:37:52,950 --> 01:37:49,920  
know what it was flower petals

2629  
01:37:53,669 --> 01:37:52,960  
these almost certainly were deformed

2630  
01:37:58,149 --> 01:37:53,679  
dried

2631  
01:38:01,669 --> 01:37:58,159  
angel hair droplets that got spewed off

2632  
01:38:04,950 --> 01:38:01,679  
on on right now on the screen is a

2633  
01:38:07,350 --> 01:38:04,960  
rendition it's it's not real but the

2634  
01:38:08,950 --> 01:38:07,360  
but the picture is of all the people

2635  
01:38:11,510 --> 01:38:08,960  
right but this is kind of

2636  
01:38:12,470 --> 01:38:11,520  
you know just a simulation of what

2637  
01:38:15,430 --> 01:38:12,480  
people

2638  
01:38:16,550 --> 01:38:15,440

claim they saw right so this stuff came

2639

01:38:18,470 --> 01:38:16,560

down and actually

2640

01:38:20,470 --> 01:38:18,480

started collecting on the ground people

2641

01:38:22,790 --> 01:38:20,480

picked it up tasted it

2642

01:38:27,030 --> 01:38:22,800

uh you know held it in their hand i

2643

01:38:29,910 --> 01:38:28,550

i'm you know i'm not into the bible or

2644

01:38:32,229 --> 01:38:29,920

anything but if you read the biblical

2645

01:38:33,669 --> 01:38:32,239

story about the manna from heaven

2646

01:38:35,270 --> 01:38:33,679

about going across the desert and they

2647

01:38:37,109 --> 01:38:35,280

were saved from starving with the manna

2648

01:38:38,629 --> 01:38:37,119

from heaven

2649

01:38:40,550 --> 01:38:38,639

when the theory is that that was angel

2650

01:38:41,990 --> 01:38:40,560

here and people ate it i'm not making

2651

01:38:44,550 --> 01:38:42,000

this up i'm not

2652

01:38:45,669 --> 01:38:44,560

the first to say this anyway let's get

2653

01:38:47,750 --> 01:38:45,679

back to the fatima

2654

01:38:48,790 --> 01:38:47,760

story the fatima story absolutely

2655

01:38:52,310 --> 01:38:48,800

happened

2656

01:38:55,910 --> 01:38:52,320

there were scientists clergy

2657

01:38:58,629 --> 01:38:55,920

priests newspaper reporters

2658

01:38:59,350 --> 01:38:58,639

police officers everybody you can

2659

01:39:01,669 --> 01:38:59,360

imagine

2660

01:39:03,109 --> 01:39:01,679

a lot of them were not debunkers but

2661

01:39:05,350 --> 01:39:03,119

people who doubted

2662

01:39:06,470 --> 01:39:05,360

what these two little girls were saying

2663

01:39:09,669 --> 01:39:06,480

that the the

2664

01:39:13,270 --> 01:39:09,679

angel was going to appear to them um

2665

01:39:15,109 --> 01:39:13,280

and it did this thing came down

2666

01:39:17,109 --> 01:39:15,119

after spinning in the sky and exuding

2667

01:39:19,669 --> 01:39:17,119

all these fantastic colors

2668

01:39:21,350 --> 01:39:19,679

this thing came down and settled on a

2669

01:39:24,790 --> 01:39:21,360

tree

2670

01:39:27,189 --> 01:39:24,800

couldn't see

2671

01:39:29,830 --> 01:39:27,199

anything that was settling the tree

2672

01:39:31,350 --> 01:39:29,840

branches actually deformed

2673

01:39:33,270 --> 01:39:31,360

people could see something was weighing

2674

01:39:36,390 --> 01:39:33,280

down on the tree

2675

01:39:37,990 --> 01:39:36,400

and it was whatever was sent by this

2676

01:39:41,030 --> 01:39:38,000

craft down to the surface

2677

01:39:42,149 --> 01:39:41,040

to fulfill this girl's wishes uh you

2678

01:39:43,270 --> 01:39:42,159

might again you might

2679

01:39:45,590 --> 01:39:43,280

look at this and say this sounds like

2680

01:39:48,390 --> 01:39:45,600

lunatones [h\_\_\h] but believe me

2681

01:39:50,070 --> 01:39:48,400

it is not this actually happened made

2682

01:39:51,910 --> 01:39:50,080

the front page of the newspaper just

2683

01:39:52,830 --> 01:39:51,920

like roswell you could find the paper on

2684

01:39:56,709 --> 01:39:52,840

the

2685

01:39:58,550 --> 01:39:56,719

scientific papers written

2686

01:39:59,910 --> 01:39:58,560

uh about this there's absolutely no

2687

01:40:01,830 --> 01:39:59,920

question this happened

2688

01:40:03,270 --> 01:40:01,840

well i'm not really sure if we can say

2689

01:40:06,310 --> 01:40:03,280

[h\_\_\h] on this show

2690

01:40:09,830 --> 01:40:06,320

okay i'm kind of joking because i

2691

01:40:11,350 --> 01:40:09,840

just said it don't you know i

2692

01:40:12,950 --> 01:40:11,360

normally have a cleaner mouth than that

2693

01:40:13,990 --> 01:40:12,960

yeah well that's all right we have

2694

01:40:15,669 --> 01:40:14,000

another caller

2695

01:40:17,590 --> 01:40:15,679

we might as well take him on but yeah

2696

01:40:18,149 --> 01:40:17,600

that case is always fascinating my my

2697

01:40:21,510 --> 01:40:18,159

friend

2698

01:40:23,590 --> 01:40:21,520

uh moronto has uh yeah

2699

01:40:24,790 --> 01:40:23,600

i heard him uh yeah he's done a lot of

2700

01:40:27,350 --> 01:40:24,800

work on fatima

2701

01:40:28,070 --> 01:40:27,360

so our next caller is uh we have uh

2702

01:40:30,470 --> 01:40:28,080

lewis

2703

01:40:31,350 --> 01:40:30,480

he's calling from l.a and you get a

2704

01:40:34,390 --> 01:40:31,360

t-shirt too

2705

01:40:37,189 --> 01:40:34,400

lewis welcome to the show hello

2706

01:40:39,189 --> 01:40:37,199

very much martin uh hey jack thank you

2707

01:40:40,870 --> 01:40:39,199

so much for doing this interview

2708

01:40:42,310 --> 01:40:40,880

really really interesting stuff first of

2709

01:40:44,310 --> 01:40:42,320

all i've never heard of angel hair

2710

01:40:45,430 --> 01:40:44,320

so the fact that i'm getting a little

2711

01:40:47,109 --> 01:40:45,440

information on that is

2712

01:40:49,189 --> 01:40:47,119

is fascinating and your explanation and

2713

01:40:52,149 --> 01:40:49,199

theory behind it is

2714

01:40:53,189 --> 01:40:52,159

very very cool um so my first question

2715

01:40:56,070 --> 01:40:53,199

is

2716

01:40:57,590 --> 01:40:56,080

how do your colleagues feel about you

2717

01:40:58,390 --> 01:40:57,600

looking into this do you get strange

2718

01:41:00,310 --> 01:40:58,400

looks from them

2719

01:41:01,430 --> 01:41:00,320

or are you frankly i really don't give a

2720

01:41:04,550 --> 01:41:01,440

damn what they think

2721

01:41:08,310 --> 01:41:04,560

um that doesn't mean i i have many many

2722

01:41:08,709 --> 01:41:08,320

uh friends and associates um like most

2723

01:41:12,629 --> 01:41:08,719

uh

2724

01:41:15,510 --> 01:41:12,639

scientific people i did not pursue this

2725

01:41:16,550 --> 01:41:15,520

visibly while i was working uh it's just

2726

01:41:19,109 --> 01:41:16,560

not a bad idea

2727

01:41:20,310 --> 01:41:19,119

it's not a not a good idea especially in

2728

01:41:21,830 --> 01:41:20,320

silicon valley

2729

01:41:23,830 --> 01:41:21,840

especially in a startup environment not

2730

01:41:25,189 --> 01:41:23,840

worried that i was a vp of a startup for

2731

01:41:26,550 --> 01:41:25,199

a while which was a very successful

2732

01:41:28,629 --> 01:41:26,560

startup incidentally

2733

01:41:31,030 --> 01:41:28,639

um it's just not a good idea to talk

2734

01:41:31,990 --> 01:41:31,040

about it so i did have two or three

2735

01:41:35,109 --> 01:41:32,000

friends

2736

01:41:36,229 --> 01:41:35,119

who i talked to who thought well of the

2737

01:41:39,590 --> 01:41:36,239

idea

2738

01:41:42,709 --> 01:41:39,600

in who phenomenon of uaps

2739

01:41:45,030 --> 01:41:42,719

knew angel it was real um

2740

01:41:46,629 --> 01:41:45,040

i'll mention my my wife whom i met at

2741

01:41:48,470 --> 01:41:46,639

stanford carol

2742

01:41:50,070 --> 01:41:48,480

um who's here she's not going to be not

2743

01:41:53,109 --> 01:41:50,080

going to be on but

2744

01:41:54,790 --> 01:41:53,119

um she's uh i went to ucla she got a bs

2745

01:41:57,270 --> 01:41:54,800

in astrophysics

2746

01:41:59,669 --> 01:41:57,280

from ucla and then a phd from geophysics

2747

01:42:01,270 --> 01:41:59,679

from stanford i met her at stanford in a

2748

01:42:03,669 --> 01:42:01,280

material science class

2749

01:42:05,030 --> 01:42:03,679

and when i met her you know even before

2750

01:42:05,350 --> 01:42:05,040

we got married we started talking about

2751

01:42:07,910 --> 01:42:05,360

this

2752

01:42:08,790 --> 01:42:07,920

and she's very open-minded she believes

2753

01:42:11,830 --> 01:42:08,800

this

2754

01:42:12,870 --> 01:42:11,840

theory is highly logical probably

2755

01:42:15,189 --> 01:42:12,880

provable

2756

01:42:16,870 --> 01:42:15,199

um you may know i said on my website

2757

01:42:18,790 --> 01:42:16,880

that this is testable

2758

01:42:21,109 --> 01:42:18,800

how many other people out there do you

2759

01:42:24,470 --> 01:42:21,119

see saying here's how it works

2760

01:42:26,709 --> 01:42:24,480

let's go test it this theory that's why

2761

01:42:29,109 --> 01:42:26,719

that's why i love what you're saying

2762

01:42:32,709 --> 01:42:29,119

here it's a lot of fun to listen to

2763

01:42:34,709 --> 01:42:32,719

um and i wish uh more of your colleagues

2764

01:42:35,750 --> 01:42:34,719

had your attitude about it of just not

2765

01:42:37,750 --> 01:42:35,760

giving a damn and

2766

01:42:39,350 --> 01:42:37,760

and letting it fly and talking about it

2767

01:42:40,070 --> 01:42:39,360

my last question for you real quick if

2768

01:42:42,310 --> 01:42:40,080

you can

2769

01:42:43,430 --> 01:42:42,320

you mentioned that these these objects

2770

01:42:44,709 --> 01:42:43,440

are coming from space they're

2771

01:42:46,950 --> 01:42:44,719

interacting with the atmosphere and

2772

01:42:49,270 --> 01:42:46,960

that's what's causing this phenomenon

2773

01:42:51,030 --> 01:42:49,280

so if they're traveling through space my

2774

01:42:52,070 --> 01:42:51,040

question would be to you is do you have

2775

01:42:55,109 --> 01:42:52,080

a theory

2776

01:42:57,270 --> 01:42:55,119

as to what might be controlling

2777

01:42:58,310 --> 01:42:57,280

these crafts and i'll hang up unless

2778

01:43:00,470 --> 01:42:58,320

it's fake

2779

01:43:02,310 --> 01:43:00,480

yeah um i'm not going to switch to it

2780

01:43:04,790 --> 01:43:02,320

knows i'll probably screw it up but

2781

01:43:05,430 --> 01:43:04,800

in the powerpoint uh you will see a

2782

01:43:08,470 --> 01:43:05,440

slide

2783

01:43:11,910 --> 01:43:08,480

on essentially where do these things

2784

01:43:13,830 --> 01:43:11,920

come from what are they and i

2785

01:43:15,510 --> 01:43:13,840

give two or three ideas and i actually

2786

01:43:17,350 --> 01:43:15,520

give percentages

2787

01:43:19,590 --> 01:43:17,360

chance of what i think is the most

2788

01:43:21,270 --> 01:43:19,600

likely the number one

2789

01:43:23,270 --> 01:43:21,280

the two most likely which i think have

2790

01:43:26,550 --> 01:43:23,280

about an equal percentage

2791

01:43:30,870 --> 01:43:26,560

probability about 40 percent each one

2792

01:43:33,830 --> 01:43:30,880

is intra intra intragalactic

2793

01:43:35,109 --> 01:43:33,840

travel intergalactic means within our

2794

01:43:37,750 --> 01:43:35,119

galaxy

2795

01:43:38,790 --> 01:43:37,760

with intergalactic travel you would

2796

01:43:42,470 --> 01:43:38,800

probably

2797

01:43:43,669 --> 01:43:42,480

be fine with traveling at or just under

2798

01:43:46,709 --> 01:43:43,679

the speed of light

2799

01:43:49,910 --> 01:43:46,719

you could uh visit hundreds

2800

01:43:52,070 --> 01:43:49,920

of stars if not thousands

2801  
01:43:53,669 --> 01:43:52,080  
if you want to go between galaxies you

2802  
01:43:56,870 --> 01:43:53,679  
need inter

2803  
01:43:59,109 --> 01:43:56,880  
ter galactic travel for that

2804  
01:43:59,990 --> 01:43:59,119  
you need faster than the speed of light

2805  
01:44:02,790 --> 01:44:00,000  
to make it

2806  
01:44:03,750 --> 01:44:02,800  
reasonable or you need your clock to

2807  
01:44:05,830 --> 01:44:03,760  
slow down

2808  
01:44:06,870 --> 01:44:05,840  
and as you know you've probably heard

2809  
01:44:09,750 --> 01:44:06,880  
that many many times

2810  
01:44:11,990 --> 01:44:09,760  
einstein predicted that if you're going

2811  
01:44:13,750 --> 01:44:12,000  
anywhere near the speed of light

2812  
01:44:16,390 --> 01:44:13,760  
the people that are on the craft their

2813  
01:44:18,950 --> 01:44:16,400

clock slows down they don't age as fast

2814

01:44:19,990 --> 01:44:18,960

now they don't age as fast compared to

2815

01:44:22,629 --> 01:44:20,000

the people they left

2816

01:44:24,070 --> 01:44:22,639

at home all right so if they go on a

2817

01:44:26,149 --> 01:44:24,080

long trip and they go home

2818

01:44:27,590 --> 01:44:26,159

everybody at home is dead they already

2819

01:44:29,590 --> 01:44:27,600

died

2820

01:44:30,629 --> 01:44:29,600

decades have passed but they haven't

2821

01:44:32,470 --> 01:44:30,639

aged very much because they've been

2822

01:44:35,430 --> 01:44:32,480

traveling close to the speed of light

2823

01:44:37,910 --> 01:44:35,440

so the whole idea here is that if you

2824

01:44:40,790 --> 01:44:37,920

can travel close to the speed of light

2825

01:44:41,910 --> 01:44:40,800

it won't take long in terms of bodily

2826

01:44:44,470 --> 01:44:41,920

years

2827

01:44:46,310 --> 01:44:44,480

so you're not going to age much and

2828

01:44:49,270 --> 01:44:46,320

you're not going to notice the time

2829

01:44:51,270 --> 01:44:49,280

as much so that's part of the reason why

2830

01:44:54,390 --> 01:44:51,280

close to speed of light travel is so

2831

01:44:57,030 --> 01:44:54,400

exciting and i think it's very possible

2832

01:44:58,470 --> 01:44:57,040

uh to travel close to speed or light the

2833

01:44:59,830 --> 01:44:58,480

other thing is called super luminal

2834

01:45:00,470 --> 01:44:59,840

which means faster than the speed of

2835

01:45:03,590 --> 01:45:00,480

light

2836

01:45:05,189 --> 01:45:03,600

it is not clear that that's possible i'm

2837

01:45:09,430 --> 01:45:05,199

not sure it is

2838

01:45:12,790 --> 01:45:09,440

but traveling at 0.98 c or 0.999 c

2839

01:45:15,830 --> 01:45:12,800

probably is possible light travels at c

2840

01:45:17,270 --> 01:45:15,840

um the second i said 40 for two

2841

01:45:20,550 --> 01:45:17,280

different ways

2842

01:45:23,189 --> 01:45:20,560

the second way uh you have read and seen

2843

01:45:23,830 --> 01:45:23,199

hundreds of ufo stories where crafts

2844

01:45:27,189 --> 01:45:23,840

seem to

2845

01:45:30,310 --> 01:45:27,199

materialize and dematerialize yes

2846

01:45:34,229 --> 01:45:30,320

instantly yeah may be

2847

01:45:37,430 --> 01:45:34,239

that they have the technology to do that

2848

01:45:38,790 --> 01:45:37,440

from a remote place to here and back

2849

01:45:40,709 --> 01:45:38,800

again

2850

01:45:42,229 --> 01:45:40,719

faster than the speed of light super

2851

01:45:45,270 --> 01:45:42,239

luminal essentially

2852

01:45:46,709 --> 01:45:45,280

instantly now that humans do know

2853

01:45:49,109 --> 01:45:46,719

something about a theory called

2854

01:45:50,550 --> 01:45:49,119

entanglement if you read up on that you

2855

01:45:53,590 --> 01:45:50,560

find out that even a

2856

01:45:55,830 --> 01:45:53,600

human scientist can can

2857

01:45:56,709 --> 01:45:55,840

can uh get something called entanglement

2858

01:45:59,510 --> 01:45:56,719

where

2859

01:46:01,189 --> 01:45:59,520

two particles in remote places act

2860

01:46:01,830 --> 01:46:01,199

identically as if they're in the same

2861

01:46:03,430 --> 01:46:01,840

place

2862

01:46:04,870 --> 01:46:03,440

doesn't matter how far they're apart

2863

01:46:06,149 --> 01:46:04,880

that may be scratching it's set the

2864

01:46:06,870 --> 01:46:06,159

record's up to kilometers now

2865

01:46:09,750 --> 01:46:06,880

incidentally

2866

01:46:11,270 --> 01:46:09,760

28 kilometers i think but that may

2867

01:46:12,990 --> 01:46:11,280

explain the basis for this

2868

01:46:16,229 --> 01:46:13,000

materialization

2869

01:46:19,669 --> 01:46:17,910

it's a question as to whether that's

2870

01:46:21,990 --> 01:46:19,679

what they're doing but i do think

2871

01:46:22,790 --> 01:46:22,000

that might be possible that would also

2872

01:46:25,270 --> 01:46:22,800

explain

2873

01:46:26,070 --> 01:46:25,280

how they can go through walls through

2874

01:46:28,310 --> 01:46:26,080

floors through

2875

01:46:29,350 --> 01:46:28,320

ceilings as you know there's hundreds of

2876

01:46:32,149 --> 01:46:29,360

cases

2877

01:46:33,030 --> 01:46:32,159

of people claiming uh beings in their

2878

01:46:35,270 --> 01:46:33,040

house

2879

01:46:36,149 --> 01:46:35,280

that came through the glass yeah went up

2880

01:46:40,229 --> 01:46:36,159

the window

2881

01:46:41,990 --> 01:46:40,239

they went up the roof with the beings

2882

01:46:44,149 --> 01:46:42,000

there was even one that said as i went

2883

01:46:46,070 --> 01:46:44,159

through the wall i could see the cobwebs

2884

01:46:49,590 --> 01:46:46,080

and spiders inside the wall

2885

01:46:51,430 --> 01:46:49,600

pretty cool um i don't know if that

2886

01:46:52,709 --> 01:46:51,440

is reality or not but i think there's

2887

01:46:56,790 --> 01:46:52,719

some chance

2888

01:46:59,430 --> 01:46:56,800

that that might be possible i think the

2889

01:47:00,310 --> 01:46:59,440

speed of travel close to sea speed of

2890

01:47:03,590 --> 01:47:00,320

light

2891

01:47:04,790 --> 01:47:03,600

is definitely possible so that would

2892

01:47:06,629 --> 01:47:04,800

alone explain

2893

01:47:07,990 --> 01:47:06,639

how they get here but this other thing

2894

01:47:09,830 --> 01:47:08,000

might be possible too then they could

2895

01:47:12,070 --> 01:47:09,840

flirt around everywhere

2896

01:47:13,270 --> 01:47:12,080

maybe instantly or at least at the speed

2897

01:47:17,430 --> 01:47:13,280

of light

2898

01:47:19,189 --> 01:47:17,440

um so i hope that answers your question

2899

01:47:21,510 --> 01:47:19,199

well lewis thank you very much for the

2900

01:47:25,590 --> 01:47:23,030

uh he might be gone already we have

2901

01:47:28,870 --> 01:47:25,600

another caller will uh

2902

01:47:30,310 --> 01:47:28,880

okay this caller uh now actually gets

2903

01:47:36,790 --> 01:47:30,320

this painting

2904

01:47:39,510 --> 01:47:36,800

right here to show you

2905

01:47:40,550 --> 01:47:39,520

it does exist wow that's pretty good

2906

01:47:44,390 --> 01:47:40,560

during the

2907

01:47:47,990 --> 01:47:44,400

summer last year so

2908

01:47:49,590 --> 01:47:48,000

now is uh steve i think from arkansas i

2909

01:47:52,629 --> 01:47:49,600

believe

2910

01:47:53,669 --> 01:47:52,639

do i have that right hello yes yes

2911

01:47:55,669 --> 01:47:53,679

that's me

2912

01:47:56,950 --> 01:47:55,679

hi congratulations you have one of my

2913

01:48:01,510 --> 01:47:56,960

paintings whether you want

2914

01:48:03,750 --> 01:48:01,520

or not i'm very excited all right

2915

01:48:05,669 --> 01:48:03,760

whoops uh so anyway here's our guest you

2916

01:48:10,070 --> 01:48:05,679

have a question forum

2917

01:48:12,070 --> 01:48:10,080

go ahead oh i actually saw a ufo myself

2918

01:48:13,990 --> 01:48:12,080

and you were talking about you know

2919

01:48:16,870 --> 01:48:14,000

electrical discharge

2920

01:48:17,189 --> 01:48:16,880

and uh the cobweb-like substances that

2921

01:48:19,109 --> 01:48:17,199

come

2922

01:48:20,470 --> 01:48:19,119

from you know that angel hair like

2923

01:48:23,910 --> 01:48:20,480

substances

2924

01:48:26,950 --> 01:48:23,920

um do you do you have you also uh

2925

01:48:28,390 --> 01:48:26,960

seen growing balls of sort of plasma

2926

01:48:30,470 --> 01:48:28,400

like electricity that

2927

01:48:32,550 --> 01:48:30,480

are discharged from these craft as sort

2928

01:48:34,790 --> 01:48:32,560

of an after effect

2929

01:48:36,550 --> 01:48:34,800

i can tell you that there is a cms which

2930

01:48:38,390 --> 01:48:36,560

is the mufon

2931

01:48:39,750 --> 01:48:38,400

what is a case management system that's

2932

01:48:41,910 --> 01:48:39,760

what it stands for

2933

01:48:43,910 --> 01:48:41,920

if you look at my website i think it's

2934

01:48:46,790 --> 01:48:43,920

on there as of last week

2935

01:48:47,189 --> 01:48:46,800

there's a cms case that i mentioned i

2936

01:48:50,229 --> 01:48:47,199

you know

2937

01:48:51,350 --> 01:48:50,239

paraphrase it um where this lady had a

2938

01:48:54,390 --> 01:48:51,360

ufo come down

2939

01:48:57,109 --> 01:48:54,400

on her lawn left a ring and went away

2940

01:48:58,390 --> 01:48:57,119

but as it came down she noticed this uh

2941

01:49:01,510 --> 01:48:58,400

glittery snow like

2942

01:49:03,030 --> 01:49:01,520

stuff falling down and this was indeed

2943

01:49:04,709 --> 01:49:03,040

a glowing ball exactly what you're

2944

01:49:07,990 --> 01:49:04,719

talking about um

2945

01:49:10,629 --> 01:49:08,000

i'll remind you that almost all of the

2946

01:49:11,510 --> 01:49:10,639

major angel hair cases that didn't occur

2947

01:49:13,030 --> 01:49:11,520

in france

2948

01:49:15,270 --> 01:49:13,040

the france ones were mostly these huge

2949

01:49:16,950 --> 01:49:15,280

cigars there's a huge number of cases

2950

01:49:18,950 --> 01:49:16,960

that occurred in australia

2951  
01:49:20,229 --> 01:49:18,960  
you will see these listed and mentioned

2952  
01:49:23,109 --> 01:49:20,239  
on my website

2953  
01:49:25,270 --> 01:49:23,119  
um those almost all were caused by

2954  
01:49:28,629 --> 01:49:25,280  
crumb-colored spheres

2955  
01:49:29,589 --> 01:49:28,639  
seen in the sky sometimes as many as 30

2956  
01:49:33,030 --> 01:49:29,599  
of them

2957  
01:49:36,149 --> 01:49:33,040  
exuding these fibers in incredible

2958  
01:49:38,629 --> 01:49:36,159  
amounts those may be

2959  
01:49:40,629 --> 01:49:38,639  
your glowing orbs at night because at

2960  
01:49:42,470 --> 01:49:40,639  
night time all you can see is the plasma

2961  
01:49:43,910 --> 01:49:42,480  
you're not going to see the the chrome

2962  
01:49:46,870 --> 01:49:43,920  
body so

2963  
01:49:48,950 --> 01:49:46,880

um my guess is that a lot of those orbs

2964

01:49:50,790 --> 01:49:48,960

what you're looking at is the plasma

2965

01:49:52,149 --> 01:49:50,800

but there's really an or really a

2966

01:49:55,350 --> 01:49:52,159

physical orb

2967

01:49:59,109 --> 01:49:55,360

in there but at the very minimum

2968

01:50:02,470 --> 01:49:59,119

these chrome-colored uh craft

2969

01:50:04,870 --> 01:50:02,480

have done angel hair dozens of times

2970

01:50:05,830 --> 01:50:04,880

and there's many as many as 30 of them

2971

01:50:07,990 --> 01:50:05,840

at one time

2972

01:50:09,990 --> 01:50:08,000

i also want to mention uh very important

2973

01:50:11,750 --> 01:50:10,000

please please listen carefully this for

2974

01:50:14,310 --> 01:50:11,760

those of you really interested in

2975

01:50:15,830 --> 01:50:14,320

proof there's another cms case newfound

2976

01:50:17,030 --> 01:50:15,840

is great for the data gathering in

2977

01:50:20,310 --> 01:50:17,040

particular

2978

01:50:23,350 --> 01:50:20,320

um youth one has a case that i

2979

01:50:25,270 --> 01:50:23,360

cite phyllis buttinger of frontier

2980

01:50:28,870 --> 01:50:25,280

analysis

2981

01:50:31,669 --> 01:50:28,880

analyzed the angel here

2982

01:50:33,669 --> 01:50:31,679

and what these two witnesses saw there

2983

01:50:36,790 --> 01:50:33,679

was they're walking next to a lake

2984

01:50:39,430 --> 01:50:36,800

and they saw about 30 of these barbell

2985

01:50:40,950 --> 01:50:39,440

shaped craft each one about a yard long

2986

01:50:42,870 --> 01:50:40,960

so about a yard long

2987

01:50:44,229 --> 01:50:42,880

look like a barbell two discs with a bar

2988

01:50:47,030 --> 01:50:44,239

in between

2989

01:50:48,709 --> 01:50:47,040

these 30 discs flew over them went out

2990

01:50:50,070 --> 01:50:48,719

to the middle of the lake wasn't a huge

2991

01:50:52,629 --> 01:50:50,080

lake but it's not like

2992

01:50:54,070 --> 01:50:52,639

went out to the middle of the lake and

2993

01:50:57,589 --> 01:50:54,080

one of the ufos

2994

01:51:01,830 --> 01:50:57,599

one of the barbells started exuding

2995

01:51:05,030 --> 01:51:01,840

a shower of angel hair straight down

2996

01:51:06,310 --> 01:51:05,040

soon thereafter all the other 29 started

2997

01:51:09,669 --> 01:51:06,320

doing the same thing

2998

01:51:10,470 --> 01:51:09,679

this happens oh god it's only a few

2999

01:51:13,750 --> 01:51:10,480

years ago

3000

01:51:15,830 --> 01:51:13,760

it was like 2016. um

3001  
01:51:18,070 --> 01:51:15,840  
and there's two witnesses and there was

3002  
01:51:19,910 --> 01:51:18,080  
angel here evidence

3003  
01:51:21,189 --> 01:51:19,920  
the evidence had these amino acids in

3004  
01:51:22,070 --> 01:51:21,199  
the whole nine yards in it it's

3005  
01:51:26,790 --> 01:51:22,080  
definitely

3006  
01:51:30,629 --> 01:51:28,709  
you will see if you look at my website

3007  
01:51:32,390 --> 01:51:30,639  
that these agglomerated coatings on the

3008  
01:51:34,550 --> 01:51:32,400  
ufos

3009  
01:51:36,229 --> 01:51:34,560  
one of the things that encourages the

3010  
01:51:37,910 --> 01:51:36,239  
film to come off

3011  
01:51:40,390 --> 01:51:37,920  
in the electric field is if you reduce

3012  
01:51:41,430 --> 01:51:40,400  
the viscosity if the film is too thick

3013  
01:51:43,030 --> 01:51:41,440

it can't be

3014

01:51:45,270 --> 01:51:43,040

pulled off by the electric field you

3015

01:51:46,550 --> 01:51:45,280

have to get the viscosity down below a

3016

01:51:48,470 --> 01:51:46,560

certain level

3017

01:51:50,470 --> 01:51:48,480

well there's been a lot of cases where

3018

01:51:53,510 --> 01:51:50,480

ufos have flown over lakes

3019

01:51:55,589 --> 01:51:53,520

ponds or bodies of water and then exuded

3020

01:51:57,589 --> 01:51:55,599

angel here and what is probably

3021

01:52:00,790 --> 01:51:57,599

happening there as i say on my website

3022

01:52:03,430 --> 01:52:00,800

is they absorb water vapor water vapor

3023

01:52:05,669 --> 01:52:03,440

reduces the viscosity of the coating and

3024

01:52:08,709 --> 01:52:05,679

enables it to come off more easily

3025

01:52:10,310 --> 01:52:08,719

that's probably the explanation uh for

3026  
01:52:14,310 --> 01:52:10,320  
that case

3027  
01:52:15,109 --> 01:52:14,320  
um but i i hate to have to do this to

3028  
01:52:17,910 --> 01:52:15,119  
you but we have

3029  
01:52:19,270 --> 01:52:17,920  
two minutes left i can't believe how

3030  
01:52:22,550 --> 01:52:19,280  
fast this went

3031  
01:52:23,910 --> 01:52:22,560  
um hey thank you for the call steve

3032  
01:52:25,669 --> 01:52:23,920  
thank you for taking my call and have a

3033  
01:52:28,310 --> 01:52:25,679  
great holiday thank you for

3034  
01:52:30,790 --> 01:52:28,320  
you enjoy the painting i'll get it out

3035  
01:52:32,870 --> 01:52:30,800  
after christmas okay

3036  
01:52:33,990 --> 01:52:32,880  
wonderful no rest in the line at the

3037  
01:52:37,030 --> 01:52:34,000  
post office

3038  
01:52:39,669 --> 01:52:37,040

all right all right take care

3039

01:52:40,229 --> 01:52:39,679

so um we have talked about your website

3040

01:52:41,669 --> 01:52:40,239

so people

3041

01:52:44,229 --> 01:52:41,679

can certainly see that but i have to

3042

01:52:47,430 --> 01:52:44,239

tell you something jack yeah

3043

01:52:49,589 --> 01:52:47,440

this is your um this is your first

3044

01:52:51,430 --> 01:52:49,599

show that you've done on ufos and i got

3045

01:52:53,430 --> 01:52:51,440

to tell you you did a heck of a job

3046

01:52:55,830 --> 01:52:53,440

thank you very much really did i i found

3047

01:52:58,629 --> 01:52:55,840

it i'm hoping there's enough

3048

01:52:59,270 --> 01:52:58,639

science type geeks out there like myself

3049

01:53:01,669 --> 01:52:59,280

that uh

3050

01:53:03,910 --> 01:53:01,679

enjoy this has enjoyed this as much as i

3051

01:53:06,950 --> 01:53:03,920

have but i've really really enjoyed it

3052

01:53:08,229 --> 01:53:06,960

tremendously and uh i hope i get some

3053

01:53:11,350 --> 01:53:08,239

visits to your website

3054

01:53:13,589 --> 01:53:11,360

and uh you said you you were working on

3055

01:53:14,870 --> 01:53:13,599

uh we have just uh less than a minute

3056

01:53:18,950 --> 01:53:14,880

left you're working on

3057

01:53:22,470 --> 01:53:21,910

quickly about propulsion number one just

3058

01:53:24,870 --> 01:53:22,480

like

3059

01:53:26,070 --> 01:53:24,880

the you'll see the solution to the

3060

01:53:31,030 --> 01:53:26,080

falling

3061

01:53:32,310 --> 01:53:31,040

i just noticed we are out of time i'm

3062

01:53:34,470 --> 01:53:32,320

really sorry

3063

01:53:35,750 --> 01:53:34,480

uh but i will put any link you would

3064

01:53:37,830 --> 01:53:35,760

like in the show notes

3065

01:53:38,870 --> 01:53:37,840

anyone can check that out thank you so

3066

01:53:40,390 --> 01:53:38,880

much really

3067

01:53:44,149 --> 01:53:40,400

i didn't know it would sneak up on me

3068

01:53:47,750 --> 01:53:45,510

i think you're the most intelligent

3069

01:53:50,870 --> 01:53:47,760

podcaster out there wow

3070

01:53:53,430 --> 01:53:50,880

jeez i that came from i have listened to

3071

01:53:55,030 --> 01:53:53,440

all of them well thank you so much wow

3072

01:53:57,750 --> 01:53:55,040

that means a lot to me thank you

3073

01:53:58,390 --> 01:53:57,760

take care happy holidays okay bye-bye

3074

01:53:59,910 --> 01:53:58,400

bye

3075

01:54:01,990 --> 01:53:59,920

all right everyone so that's it we are

3076

01:54:04,790 --> 01:54:02,000

totally out of time next week we have

3077

01:54:05,990 --> 01:54:04,800

tom mortman he's a state mufon director

3078

01:54:07,430 --> 01:54:06,000

of ohio

3079

01:54:27,710 --> 01:54:07,440

everyone thanks so much and remember to