

MONDAY, JULY 17, 2017
LIVE 7PM PST / 10 PM EST

MARC D'ANTONIO

FXMODELS.COM

ON PARALLEL DIMENSIONS



FADE TO BLACK LIVE
GAME-CHANGERRADIO NETWORK WITH JIMMY CHURCH

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1
00:00:17,859 --> 00:00:14,130

[Music]

2
00:00:20,200 --> 00:00:17,869

this radiates for the masses at my

3
00:00:22,659 --> 00:00:20,210

anniversary your life is making forever

4
00:00:25,269 --> 00:00:22,669

the Army Air Forces has announced that a

5
00:00:27,609 --> 00:00:25,279

flying type is found and is now in the

6
00:00:31,139 --> 00:00:27,619

possession of the army the game is

7
00:00:34,000 --> 00:00:31,149

rigged change extreme games I

8
00:00:38,320 --> 00:00:34,010

occasionally think how quickly our

9
00:00:40,930 --> 00:00:38,330

differences worldwide would vanish if we

10
00:00:46,900 --> 00:00:40,940

were facing an alien threat from outside

11
00:00:53,110 --> 00:00:50,060

fade to black with your host Jimmy

12
00:00:59,340 --> 00:00:53,120

Church on the game changer radio network

13
00:01:08,250 --> 00:01:04,589

we need your help to the year 1985

14

00:01:10,440 --> 00:01:08,260

[Music]

15

00:01:13,400 --> 00:01:10,450

your nickname chief thank you glad with

16

00:01:15,920 --> 00:01:13,410

gingers only game-changing Network

17

00:01:18,080 --> 00:01:15,930

[Music]

18

00:01:21,180 --> 00:01:18,090

hola

19

00:01:25,890 --> 00:01:21,190

fade to black it's Monday good to be

20

00:01:30,200 --> 00:01:25,900

back in the chair the spoke radio for

21

00:01:38,880 --> 00:01:35,790

yeah man today's Monday July 17th 197

22

00:01:41,640 --> 00:01:38,890

days into the new year just 168 days

23

00:01:46,830 --> 00:01:41,650

left we are live from a bunker somewhere

24

00:01:48,510 --> 00:01:46,840

in downtown Burbank California I would

25

00:01:50,910 --> 00:01:48,520

like to welcome everybody listening all

26

00:01:53,850 --> 00:01:50,920

around the world all across the United

27

00:01:56,190 --> 00:01:53,860

States either until they're 2 and Pro

28

00:01:58,590 --> 00:01:56,200

back and forth up and down east and west

29

00:02:02,940 --> 00:01:58,600

north and south far and near

30

00:02:06,510 --> 00:02:02,950

this is fade to black for kjt are the

31

00:02:09,870 --> 00:02:06,520

game changer network in kg are a though

32

00:02:14,340 --> 00:02:09,880

fall and it I'm a host Jimmy Church what

33

00:02:19,140 --> 00:02:14,350

is cracking everybody how you doing man

34

00:02:24,550 --> 00:02:22,120

check this out

35

00:02:32,680 --> 00:02:30,400

I was just talking to Rita and the Pater

36

00:02:36,370 --> 00:02:32,690

knots in the bunker cam right before the

37

00:02:40,270 --> 00:02:36,380

show about this over the next two weeks

38

00:02:45,699 --> 00:02:40,280

and we do this a lot but over the next

39

00:02:49,540 --> 00:02:45,709

two weeks we have nothing but first-time

40

00:02:53,040 --> 00:02:49,550

guests on this show and I want you to

41

00:02:56,140 --> 00:02:53,050

think about that for a second all right

42

00:02:58,449 --> 00:02:56,150

you start a podcast you want to do this

43

00:03:01,270 --> 00:02:58,459

you have a little radio thing you're

44

00:03:04,330 --> 00:03:01,280

here on a network somewhere on blog talk

45

00:03:05,199 --> 00:03:04,340

radio and I get that you want to go do

46

00:03:07,090 --> 00:03:05,209

your thing

47

00:03:09,160 --> 00:03:07,100

all right you go do it and you go down

48

00:03:11,680 --> 00:03:09,170

and you and you you know and you want a

49

00:03:13,600 --> 00:03:11,690

book as him you want to do this and do a

50

00:03:14,949 --> 00:03:13,610

little of that and I get that right

51
00:03:17,410 --> 00:03:14,959
totally cool

52
00:03:21,970 --> 00:03:17,420
and you go down the list and you're like

53
00:03:23,559 --> 00:03:21,980
picking off the list of names and you

54
00:03:25,960 --> 00:03:23,569
know people that you wanted to interview

55
00:03:28,390 --> 00:03:25,970
and and you've read the books you've

56
00:03:29,890 --> 00:03:28,400
seen them on TV and yeah that would be

57
00:03:32,259 --> 00:03:29,900
cool that would be cool that would be

58
00:03:37,949 --> 00:03:32,269
cool and fine right

59
00:03:40,750 --> 00:03:37,959
well we've done 700 shows here 700 and

60
00:03:43,660 --> 00:03:40,760
when you get to that kind of number and

61
00:03:46,270 --> 00:03:43,670
use and throw in the other stuff that

62
00:03:49,930 --> 00:03:46,280
I've done and that we've done the list

63
00:03:54,330 --> 00:03:49,940

of names is extraordinary and and I go

64

00:03:56,979 --> 00:03:54,340

down that list and I look most of them

65

00:03:59,280 --> 00:03:56,989

not all of them but I would say the vast

66

00:04:04,530 --> 00:03:59,290

majority of what we do here are

67

00:04:07,270 --> 00:04:04,540

first-time guests exposing to you

68

00:04:10,960 --> 00:04:07,280

somebody that you maybe have never heard

69

00:04:13,800 --> 00:04:10,970

from before right and and that it when

70

00:04:18,039 --> 00:04:13,810

when it came to me listening to

71

00:04:20,620 --> 00:04:18,049

late-night overnight a conspiracy talk

72

00:04:22,029 --> 00:04:20,630

radio I mean there's those guests that

73

00:04:25,570 --> 00:04:22,039

you'd want to hear from and it's fine

74

00:04:28,960 --> 00:04:25,580

it's cool but it's those gems those

75

00:04:30,909 --> 00:04:28,970

little nuggets that come along like I've

76

00:04:33,640 --> 00:04:30,919

never heard this person never heard this

77

00:04:36,339 --> 00:04:33,650

person before oh this is cool right I

78

00:04:37,719 --> 00:04:36,349

wonder what you know and that's what we

79

00:04:41,529 --> 00:04:37,729

do here

80

00:04:45,339 --> 00:04:41,539

so here we go tonight Mark Dantonio is

81

00:04:49,899 --> 00:04:45,349

here and although mark has been a friend

82

00:04:52,029 --> 00:04:49,909

for a long time I cannot believe he has

83

00:04:54,579 --> 00:04:52,039

never been on this show first time guest

84

00:04:56,769 --> 00:04:54,589

tonight really look forward to this more

85

00:04:59,049 --> 00:04:56,779

on mark in just a bit but that's you

86

00:05:01,570 --> 00:04:59,059

know that's tomorrow night or tonight

87

00:05:04,869 --> 00:05:01,580

tomorrow night Rob Potter is here now

88

00:05:08,140 --> 00:05:04,879

again somebody that's been out there for

89

00:05:11,139 --> 00:05:08,150

a long time first time guest on this

90

00:05:13,989 --> 00:05:11,149

show right so how great is that and then

91

00:05:16,450 --> 00:05:13,999

Wednesday night we have Bernard Gunther

92

00:05:20,049 --> 00:05:16,460

here and somebody else that Reid and I

93

00:05:23,649 --> 00:05:20,059

have just been very very intrigued with

94

00:05:27,159 --> 00:05:23,659

and and we have him Monday of next week

95

00:05:30,219 --> 00:05:27,169

we have somebody that you have probably

96

00:05:32,200 --> 00:05:30,229

never maybe you've seen him on TV if

97

00:05:35,230 --> 00:05:32,210

you've been watching this kind of stuff

98

00:05:37,629 --> 00:05:35,240

for the last 25 years or so but and

99

00:05:40,719 --> 00:05:37,639

we're going to announce him this week

100

00:05:43,570 --> 00:05:40,729

but Reid and I just again in our studies

101
00:05:44,860 --> 00:05:43,580
of Egypt in Egyptology and what's going

102
00:05:46,899 --> 00:05:44,870
on out there this is somebody else that

103
00:05:49,179 --> 00:05:46,909
we have discovered and and what we

104
00:05:52,149 --> 00:05:49,189
didn't discover we discover ourselves we

105
00:05:55,540 --> 00:05:52,159
discover for ourselves a head went and

106
00:05:58,089 --> 00:05:55,550
found chased him down and I cannot wait

107
00:05:59,800 --> 00:05:58,099
for Monday show and then Tuesday and

108
00:06:01,689 --> 00:05:59,810
Wednesday next week we have all part 1

109
00:06:06,639 --> 00:06:01,699
and part 2 we'll announce that later on

110
00:06:09,699 --> 00:06:06,649
in the week and a very very very special

111
00:06:11,889 --> 00:06:09,709
series of show so over the next two

112
00:06:13,719 --> 00:06:11,899
weeks nothing but first-time guests here

113
00:06:16,749 --> 00:06:13,729

how cool is that

114

00:06:18,699 --> 00:06:16,759

I'm so excited about just just doing

115

00:06:21,249 --> 00:06:18,709

this show every single day and having

116

00:06:24,040 --> 00:06:21,259

this kind of fun with all of you so just

117

00:06:25,869 --> 00:06:24,050

buckle up and get ready all right Mark

118

00:06:28,629 --> 00:06:25,879

Dantonio tonight tomorrow night Rob

119

00:06:31,119 --> 00:06:28,639

Potter Wednesday brian gunther and of

120

00:06:32,589 --> 00:06:31,129

course thursday night Jon Rappoport will

121

00:06:36,219 --> 00:06:32,599

be here with us no more fake newsroom

122

00:06:37,839 --> 00:06:36,229

live follow us on twitter @jj radio it's

123

00:06:42,399 --> 00:06:37,849

what you want to do at J church radio

124

00:06:45,189 --> 00:06:42,409

hashtag F to B is the sandbox Stevie Ray

125

00:06:48,399 --> 00:06:45,199

Vaughan gifts are flying in the sandbox

126

00:06:50,730 --> 00:06:48,409

right now very cool I saw the Ace

127

00:06:54,570 --> 00:06:50,740

Frehley - man what's going on with that

128

00:06:55,980 --> 00:06:54,580

okay did I miss something today am I am

129

00:06:57,480 --> 00:06:55,990

I missing something

130

00:07:00,000 --> 00:06:57,490

you guys always send me those messages

131

00:07:03,630 --> 00:07:00,010

right alright any questions or comments

132

00:07:06,990 --> 00:07:03,640

during the show hashtag f2b q email is

133

00:07:08,880 --> 00:07:07,000

Jimmy educated radio calm today I need

134

00:07:12,890 --> 00:07:08,890

permission from the people that send

135

00:07:15,410 --> 00:07:12,900

some of these images got two really cool

136

00:07:18,240 --> 00:07:15,420

UFO pics today

137

00:07:21,660 --> 00:07:18,250

very very cool now I'm going to go and

138

00:07:23,220 --> 00:07:21,670

do some analysis hey Mark Dantonio is on

139

00:07:25,680 --> 00:07:23,230

the show tonight send them to mark and

140

00:07:27,320 --> 00:07:25,690

have him take a look at this he is the

141

00:07:31,500 --> 00:07:27,330

absolute very best don't forget

142

00:07:37,260 --> 00:07:31,510

subscribe to our podcast where we have

143

00:07:40,530 --> 00:07:37,270

over 680 archive shows actually 689 690

144

00:07:43,230 --> 00:07:40,540

after today how cool is that \$2 a month

145

00:07:44,940 --> 00:07:43,240

Apple Android all platforms just \$2 a

146

00:07:47,370 --> 00:07:44,950

month just go to Jimmy Trivette radio

147

00:07:51,510 --> 00:07:47,380

calm click on the podcast or you can

148

00:07:54,840 --> 00:07:51,520

become a member become an official state

149

00:07:57,540 --> 00:07:54,850

or not and you do that in our membership

150

00:07:59,990 --> 00:07:57,550

section on the website you can do

151

00:08:02,400 --> 00:08:00,000

whatever you want you're going to get

152

00:08:04,110 --> 00:08:02,410

you can go from free and fade or not

153

00:08:05,940 --> 00:08:04,120

we're Thursday nights you get the bunker

154

00:08:08,130 --> 00:08:05,950

can you'd become a fade or not all of

155

00:08:10,770 --> 00:08:08,140

that that's free all the way through our

156

00:08:12,780 --> 00:08:10,780

game changer right where you get

157

00:08:15,330 --> 00:08:12,790

commercial free downloads you get the

158

00:08:18,990 --> 00:08:15,340

gear you get the hats you get the shirts

159

00:08:20,450 --> 00:08:19,000

you get the bunker can get an email all

160

00:08:23,070 --> 00:08:20,460

of that stuff okay

161

00:08:25,890 --> 00:08:23,080

all right so that's the membership area

162

00:08:28,770 --> 00:08:25,900

do do that and of course support us

163

00:08:32,010 --> 00:08:28,780

through all of our sponsors live change

164

00:08:34,110 --> 00:08:32,020

t get the p comm River moon coffee new

165

00:08:35,640 --> 00:08:34,120

Pharma and studio dome speakers all of

166

00:08:38,340 --> 00:08:35,650

the banners over at Jimmy Church radio

167

00:08:39,990 --> 00:08:38,350

calm alright let's get the show crack

168

00:08:43,050 --> 00:08:40,000

and I want to get I want to get to

169

00:08:46,470 --> 00:08:43,060

Dantonio as quickly as I can

170

00:08:51,600 --> 00:08:46,480

happy birthday to today Donald

171

00:08:56,760 --> 00:08:51,610

Sutherland is 82 yeah Donald Sutherland

172

00:08:59,370 --> 00:08:56,770

ah I Body Snatchers that's it yeah

173

00:09:01,510 --> 00:08:59,380

everything else is great I get that I

174

00:09:04,540 --> 00:09:01,520

really do

175

00:09:08,470 --> 00:09:04,550

beige into the body snatchers on this

176

00:09:13,030 --> 00:09:08,480

day in history OTD 1996 flight 800

177

00:09:15,400 --> 00:09:13,040

explodes over Long Island New York while

178

00:09:17,820 --> 00:09:15,410

several United States Navy vessels were

179

00:09:20,200 --> 00:09:17,830

training in the Long Island area

180

00:09:22,780 --> 00:09:20,210

speculating that flight 800 had been

181

00:09:25,450 --> 00:09:22,790

accidentally shot down by a navy test

182

00:09:27,400 --> 00:09:25,460

missile US authorities ruled out the

183

00:09:28,690 --> 00:09:27,410

possibility of an errant missile strike

184

00:09:30,280 --> 00:09:28,700

by the Navy but there were a lot of

185

00:09:34,030 --> 00:09:30,290

witnesses on the shore that said that

186

00:09:37,120 --> 00:09:34,040

they saw streaks of light going up and

187

00:09:38,770 --> 00:09:37,130

striking the plane a large number of

188

00:09:41,280 --> 00:09:38,780

people including former White House

189

00:09:45,370 --> 00:09:41,290

press secretary Pierre Salinger

190

00:09:48,790 --> 00:09:45,380

supported that ferry that's right on

191

00:09:53,020 --> 00:09:48,800

this day in 1996 faded fact okay here's

192

00:09:55,300 --> 00:09:53,030

a fader fact for you know every day you

193

00:09:59,560 --> 00:09:55,310

know we we hand you these gifts these

194

00:10:03,460 --> 00:09:59,570

little gems called fader facts and there

195

00:10:07,630 --> 00:10:03,470

we hand them to you you use them for

196

00:10:13,600 --> 00:10:07,640

what you will okay but here is a real

197

00:10:16,840 --> 00:10:13,610

fader fact the German chocolate cake was

198

00:10:22,120 --> 00:10:16,850

named after an American Baker by the

199

00:10:29,020 --> 00:10:22,130

name of Samuel German and was not named

200

00:10:31,890 --> 00:10:29,030

after the country of Germany yeah there

201
00:10:35,230 --> 00:10:31,900
you go now you're armed and dangerous

202
00:10:38,850 --> 00:10:35,240
now that is a fact that is a fact you

203
00:10:42,880 --> 00:10:38,860
can go and argue with anybody about

204
00:10:44,890 --> 00:10:42,890
think about that tonight very special

205
00:10:48,520 --> 00:10:44,900
first-time guests on the show mark P

206
00:10:53,590 --> 00:10:48,530
Antonio is here UFO photo analyst

207
00:10:57,430 --> 00:10:53,600
researcher CGI Pro and astronomer head

208
00:10:59,950 --> 00:10:57,440
analyst for MUFON tonight right here on

209
00:11:03,910 --> 00:10:59,960
fade to black tomorrow night Rob Potter

210
00:11:06,870 --> 00:11:03,920
joins us oh man and with Rob I have no

211
00:11:08,950 --> 00:11:06,880
idea where that conversations gonna go

212
00:11:11,050 --> 00:11:08,960
it's just going to be one of those

213
00:11:13,180 --> 00:11:11,060

nights tomorrow night right here I'm

214

00:11:14,590 --> 00:11:13,190

fade to black Rob Potter he's got his

215

00:11:14,990 --> 00:11:14,600

own radio show he's out there doing his

216

00:11:17,690 --> 00:11:15,000

own

217

00:11:21,230 --> 00:11:17,700

and has been doing it for a very long

218

00:11:23,300 --> 00:11:21,240

time but tomorrow night I get to turn it

219

00:11:24,590 --> 00:11:23,310

right around on Rob and he's going to be

220

00:11:26,210 --> 00:11:24,600

here on fade to black

221

00:11:29,480 --> 00:11:26,220

Wednesday night Bernard Gunther is here

222

00:11:31,550 --> 00:11:29,490

three nights three first time guests

223

00:11:32,960 --> 00:11:31,560

Thursday night is another failure night

224

00:11:35,540 --> 00:11:32,970

with Jon Rappoport and there's no more

225

00:11:38,510 --> 00:11:35,550

fake newsroom live followed by open

226

00:11:39,950 --> 00:11:38,520

lines tonight maybe we'll take some

227

00:11:42,080 --> 00:11:39,960

phone calls three two three eighty five

228

00:11:48,040 --> 00:11:42,090

five zero four five four three two three

229

00:11:58,880 --> 00:11:52,420

River moon coffee click on that banner

230

00:12:02,120 --> 00:11:58,890

promo code f2b blend fade to black blend

231

00:12:05,510 --> 00:12:02,130

in case you ever wonder if you ever get

232

00:12:08,540 --> 00:12:05,520

over to Cassidy Church you ever do wait

233

00:12:11,420 --> 00:12:08,550

till I break out the river moon coffee

234

00:12:13,850 --> 00:12:11,430

cabinet and you get the wig yeah you

235

00:12:21,670 --> 00:12:13,860

will see that's right okay today

236

00:12:23,450 --> 00:12:21,680

everybody is seven seventeen seventeen

237

00:12:28,690 --> 00:12:23,460

pretty cool huh

238

00:12:32,120 --> 00:12:28,700

think about that seven seventeen

239

00:12:34,670 --> 00:12:32,130

seventeen it's not going to happen again

240

00:12:38,360 --> 00:12:34,680

for a thousand or a hundred years a

241

00:12:41,000 --> 00:12:38,370

thousand years 100 years seven seventeen

242

00:12:43,690 --> 00:12:41,010

seventeen pretty cool and as far as

243

00:12:49,460 --> 00:12:43,700

numbers go you know I'm not a

244

00:12:51,620 --> 00:12:49,470

neurologist numerologist I'm not but

245

00:12:54,740 --> 00:12:51,630

that's got to have some weight behind it

246

00:12:56,990 --> 00:12:54,750

seven seventeen seventeen and it looks

247

00:12:58,790 --> 00:12:57,000

pretty good to the eye when you just

248

00:13:00,590 --> 00:12:58,800

look at it seven seventeen seventeen

249

00:13:04,340 --> 00:13:00,600

good birthday - wouldn't it be a cool

250

00:13:07,940 --> 00:13:04,350

birthday and I remember with my birthday

251
00:13:12,170 --> 00:13:07,950
10-10-10 right over ten two thousand ten

252
00:13:14,930 --> 00:13:12,180
ten ten ten that day rolled by by the

253
00:13:19,190 --> 00:13:14,940
way nothing you know I didn't see any

254
00:13:21,980 --> 00:13:19,200
ghosts UFOs there was no planetary

255
00:13:23,960 --> 00:13:21,990
alignment and and and all of that stuff

256
00:13:26,010 --> 00:13:23,970
ten ten ten but here we are seven

257
00:13:31,430 --> 00:13:26,020
seventeen seventeen

258
00:13:34,950 --> 00:13:31,440
and it looks good to me and speaking of

259
00:13:38,880 --> 00:13:34,960
looking pretty good to the eye tonight

260
00:13:41,070 --> 00:13:38,890
we have Mark Dantonio with us and he's

261
00:13:44,400 --> 00:13:41,080
someone that I have looked up to and

262
00:13:48,930 --> 00:13:44,410
also sought out for information over the

263
00:13:51,120 --> 00:13:48,940

years I have um out of all these years -

264

00:13:53,640 --> 00:13:51,130

which is strange I guess we can talk to

265

00:13:57,990 --> 00:13:53,650

mark about this tonight but I think I've

266

00:13:59,640 --> 00:13:58,000

only hung out with them once and you

267

00:14:01,830 --> 00:13:59,650

know where we were like in a bar

268

00:14:04,860 --> 00:14:01,840

drinking I think that only happened one

269

00:14:06,780 --> 00:14:04,870

time I need to think about that but I

270

00:14:08,640 --> 00:14:06,790

think it only happened once considering

271

00:14:11,370 --> 00:14:08,650

how much correspondence him and I have

272

00:14:13,920 --> 00:14:11,380

had over the years and although we have

273

00:14:18,060 --> 00:14:13,930

often disagreed on a number of issues

274

00:14:23,010 --> 00:14:18,070

and in our respect mark he's usually

275

00:14:28,620 --> 00:14:23,020

right okay and he has caused me many

276

00:14:30,300 --> 00:14:28,630

times to question my own judgment so I

277

00:14:32,430 --> 00:14:30,310

want you to think about that as you

278

00:14:35,340 --> 00:14:32,440

listen to mark and I talk tonight

279

00:14:37,320 --> 00:14:35,350

because we respect each other but I

280

00:14:42,630 --> 00:14:37,330

think we also respect each others

281

00:14:44,670 --> 00:14:42,640

opinions thoughts evidence testimony

282

00:14:45,810 --> 00:14:44,680

eyewitness stuff because we've both been

283

00:14:48,090 --> 00:14:45,820

through it right

284

00:14:53,070 --> 00:14:48,100

and certainly mark being the

285

00:14:57,900 --> 00:14:53,080

professional that he is not only with

286

00:15:00,990 --> 00:14:57,910

with move on and his the analysis he

287

00:15:03,810 --> 00:15:01,000

does on of photographs and videos but

288

00:15:08,670 --> 00:15:03,820

his professional life would he actually

289

00:15:10,200 --> 00:15:08,680

does is he worked in the special effects

290

00:15:14,160 --> 00:15:10,210

industry of course that's the name of

291

00:15:17,790 --> 00:15:14,170

his company but he builds models for

292

00:15:23,280 --> 00:15:17,800

four different things they could shot he

293

00:15:25,880 --> 00:15:23,290

does CGI animation illustration of all

294

00:15:30,390 --> 00:15:25,890

of that on a professional level for

295

00:15:32,880 --> 00:15:30,400

commercials and movies so he's got the

296

00:15:35,730 --> 00:15:32,890

professional credentials to back up when

297

00:15:38,370 --> 00:15:35,740

he says to me Jimmy it looks like this

298

00:15:39,879 --> 00:15:38,380

for Jimmy it looks like that I have to

299

00:15:42,290 --> 00:15:39,889

stop and listen

300

00:15:43,670 --> 00:15:42,300

tomorrow and then we argue about it but

301
00:15:51,079 --> 00:15:43,680
but that's the fun part

302
00:15:52,749 --> 00:15:51,089
okay I I I want to say this marks

303
00:15:56,869 --> 00:15:52,759
appearance on the show tonight made me

304
00:16:00,530 --> 00:15:56,879
go back into the clouded brain that I

305
00:16:04,069 --> 00:16:00,540
have and seek out some of my favorite

306
00:16:06,799 --> 00:16:04,079
photos and cases from the past some of

307
00:16:09,259 --> 00:16:06,809
these he was involved with some not but

308
00:16:12,079 --> 00:16:09,269
also he has an opinion on these two as

309
00:16:15,139 --> 00:16:12,089
well and so do I some of it I've stated

310
00:16:17,799 --> 00:16:15,149
on this show but I just wanted to go

311
00:16:21,559 --> 00:16:17,809
back for memory sake for you tonight and

312
00:16:25,939 --> 00:16:21,569
review some of these because we may talk

313
00:16:31,489 --> 00:16:25,949

about them later and the first thing

314

00:16:34,189 --> 00:16:31,499

that came to mind is Billy Mayer and as

315

00:16:38,780 --> 00:16:34,199

I started to think about Billy Mayer

316

00:16:43,160 --> 00:16:38,790

today there was a few I mean it's weird

317

00:16:45,230 --> 00:16:43,170

I don't know if it's a a knocking little

318

00:16:47,689 --> 00:16:45,240

cavity or some kind of quantum thing but

319

00:16:48,860 --> 00:16:47,699

it started to pop up in Twitter I was

320

00:16:50,780 --> 00:16:48,870

like wow that's kind of weird because

321

00:16:52,519 --> 00:16:50,790

I'm writing about it I'm thinking about

322

00:16:55,040 --> 00:16:52,529

I'm looking up stuff now and looking at

323

00:16:57,799 --> 00:16:55,050

past shows and and what I had said about

324

00:17:02,780 --> 00:16:57,809

certain things Billy Meyer pops up and

325

00:17:06,199 --> 00:17:02,790

Twitter as I'm typing his name and it's

326

00:17:08,770 --> 00:17:06,209

a significant case it's a significant

327

00:17:12,770 --> 00:17:08,780

case of a hoax

328

00:17:15,649 --> 00:17:12,780

now Billy Mayer it completely and its

329

00:17:18,949 --> 00:17:15,659

totality from the beginning to this very

330

00:17:23,600 --> 00:17:18,959

day okay just a complete fabricated hoax

331

00:17:26,539 --> 00:17:23,610

now if you are a proponent if you are a

332

00:17:30,310 --> 00:17:26,549

believer in Billy Meyer fine that's

333

00:17:32,510 --> 00:17:30,320

that's that everything is individual

334

00:17:35,389 --> 00:17:32,520

everything in this pursuit of knowledge

335

00:17:38,750 --> 00:17:35,399

and and how you go down that path in

336

00:17:39,940 --> 00:17:38,760

life it's so up to the individual okay

337

00:17:45,909 --> 00:17:39,950

so I respect you for that

338

00:17:49,460 --> 00:17:45,919

but it's a hoax plain and simply and

339

00:17:51,470 --> 00:17:49,470

there may have been elements maybe one

340

00:17:53,600 --> 00:17:51,480

to Billy Myers life or maybe he saw

341

00:17:56,720 --> 00:17:53,610

something strange in the sky

342

00:18:01,340 --> 00:17:56,730

and then he then decided to go down that

343

00:18:04,880 --> 00:18:01,350

path I don't know but his photographic

344

00:18:11,539 --> 00:18:04,890

evidence that he put forward caught me

345

00:18:15,110 --> 00:18:11,549

by surprise in 1984 and he is largely

346

00:18:18,320 --> 00:18:15,120

responsible partly responsible for where

347

00:18:21,770 --> 00:18:18,330

I am today I've got to give Billy Meyer

348

00:18:25,250 --> 00:18:21,780

credit for that I found out later that

349

00:18:29,330 --> 00:18:25,260

it was all a hoax but at the time it

350

00:18:31,220 --> 00:18:29,340

caused my curiosity to expand and try to

351

00:18:35,330 --> 00:18:31,230

figure out what was what was really

352

00:18:38,240 --> 00:18:35,340

going on out there in 1984 I was with

353

00:18:40,549 --> 00:18:38,250

Dale Romero everybody knows Dale from

354

00:18:45,230 --> 00:18:40,559

this show and we were kids we were very

355

00:18:48,020 --> 00:18:45,240

young that was 30 35 years ago and I was

356

00:18:52,370 --> 00:18:48,030

at Dale's brother's house we're down in

357

00:18:55,010 --> 00:18:52,380

Orange County El Toro and he had a billy

358

00:18:57,980 --> 00:18:55,020

meier coffee table book there that big

359

00:19:01,120 --> 00:18:57,990

thing with that famous shot on the cover

360

00:19:03,770 --> 00:19:01,130

and full-color big big big book big book

361

00:19:05,480 --> 00:19:03,780

and I'd stopped me in my tracks and I

362

00:19:07,250 --> 00:19:05,490

flipped through it and I was looking at

363

00:19:08,090 --> 00:19:07,260

these pictures I was like this is

364

00:19:11,450 --> 00:19:08,100

incredible

365

00:19:13,130 --> 00:19:11,460

they're real oh my god you know and I

366

00:19:14,539 --> 00:19:13,140

read a little bit about Billy Meyer but

367

00:19:17,360 --> 00:19:14,549

I don't talk to Dale's brother about it

368

00:19:20,500 --> 00:19:17,370

and then I got back to Pasadena and I

369

00:19:22,630 --> 00:19:20,510

just went Full Tilt Billy Meyer

370

00:19:27,500 --> 00:19:22,640

collecting everything that I could and

371

00:19:34,520 --> 00:19:27,510

by the end of the 80s I was completely

372

00:19:37,159 --> 00:19:34,530

deflated about Billy Meyer okay so as it

373

00:19:39,710 --> 00:19:37,169

flowed into the 90s and the Internet and

374

00:19:41,930 --> 00:19:39,720

the other things that started to come

375

00:19:44,510 --> 00:19:41,940

out about Billy Meyer you know for me it

376
00:19:48,260 --> 00:19:44,520
was just case closed but make no mistake

377
00:19:52,340 --> 00:19:48,270
here if you believe in Billy that's fine

378
00:19:56,600 --> 00:19:52,350
I did it one time and it forced me into

379
00:19:59,930 --> 00:19:56,610
this life so I want to thank Billy for

380
00:20:02,270 --> 00:19:59,940
that now the monstrosity of the hoax and

381
00:20:06,049 --> 00:20:02,280
how far he took it and what he was

382
00:20:07,190 --> 00:20:06,059
willing to do since then boggles the

383
00:20:11,299 --> 00:20:07,200
mind I don't

384
00:20:14,840 --> 00:20:11,309
so if it was money if it was celebrity

385
00:20:20,090 --> 00:20:14,850
if it was Fame if it was women I don't

386
00:20:24,190 --> 00:20:20,100
know I don't but the pictures the video

387
00:20:28,850 --> 00:20:24,200
the the tapes the film the stories

388
00:20:32,029 --> 00:20:28,860

everything was fabricated so there you

389

00:20:35,450 --> 00:20:32,039

go and that's one example of photographs

390

00:20:38,870 --> 00:20:35,460

and imaging and research and analysis

391

00:20:42,680 --> 00:20:38,880

that can bring down a case that's what

392

00:20:45,409 --> 00:20:42,690

Mark Dantonio does so we may talk about

393

00:20:50,149 --> 00:20:45,419

billy meier and then we have something

394

00:20:53,769 --> 00:20:50,159

like the Rex Heflin photographs wrap

395

00:20:57,909 --> 00:20:53,779

excellent photographs were Polaroids

396

00:21:02,419 --> 00:20:57,919

unlike billy meier which was all film

397

00:21:04,970 --> 00:21:02,429

both photographs and video and but Rex

398

00:21:06,799 --> 00:21:04,980

Heflin was a guy that just appeared out

399

00:21:07,820 --> 00:21:06,809

of nowhere he was a worker in Orange

400

00:21:10,519 --> 00:21:07,830

County

401
00:21:12,980 --> 00:21:10,529
oddly enough down in the same area where

402
00:21:17,299 --> 00:21:12,990
I discovered Billy Meyer in Orange

403
00:21:18,830 --> 00:21:17,309
County Tustin so Rex Heflin was a worker

404
00:21:20,629 --> 00:21:18,840
for the county pulls over to the side of

405
00:21:23,120 --> 00:21:20,639
the road sees something he's in his work

406
00:21:25,100 --> 00:21:23,130
truck and he's got a Polaroid camera

407
00:21:26,509 --> 00:21:25,110
there that he used for his job and it's

408
00:21:29,299 --> 00:21:26,519
on the front seat of the pickup truck

409
00:21:32,269 --> 00:21:29,309
and he sees this disc and he shoots the

410
00:21:34,509 --> 00:21:32,279
disc like five or six times you know

411
00:21:37,940 --> 00:21:34,519
through the windows on the truck and

412
00:21:40,279 --> 00:21:37,950
that drives down the road and then takes

413
00:21:42,639 --> 00:21:40,289

the famous picture of the circle ring of

414

00:21:45,860 --> 00:21:42,649

smoke up and up in the clouds were

415

00:21:48,139 --> 00:21:45,870

allegedly the craft had you know took

416

00:21:51,379 --> 00:21:48,149

off well anyway the Rex Heflin

417

00:21:54,370 --> 00:21:51,389

photographs are different than the Billy

418

00:21:58,629 --> 00:21:54,380

Meyers photographs Billy Meyers

419

00:22:02,659 --> 00:21:58,639

was staged the Rex Heflin stuff was done

420

00:22:05,870 --> 00:22:02,669

with with a Polaroid camera taken from a

421

00:22:10,279 --> 00:22:05,880

car on the side of the road Dow could

422

00:22:12,440 --> 00:22:10,289

Rex have thrown some kind of it was been

423

00:22:14,960 --> 00:22:12,450

supposed it over the years like it was a

424

00:22:18,680 --> 00:22:14,970

tree a wheel from a train well how much

425

00:22:20,629 --> 00:22:18,690

is that way I have no idea but but

426

00:22:21,080 --> 00:22:20,639

different ideas on how this was done but

427

00:22:22,490 --> 00:22:21,090

it look

428

00:22:26,420 --> 00:22:22,500

to me like it was thrown out over the

429

00:22:29,570 --> 00:22:26,430

field if it was but I think the Rex

430

00:22:34,600 --> 00:22:29,580

Heflin photographs are real I think it

431

00:22:37,280 --> 00:22:34,610

was a real object and I know that the

432

00:22:39,200 --> 00:22:37,290

and ruffle who has got the photographs

433

00:22:41,330 --> 00:22:39,210

of this day who lives not too far from

434

00:22:44,120 --> 00:22:41,340

us she's in possession of those

435

00:22:46,550 --> 00:22:44,130

photographs and has invited me over to

436

00:22:50,180 --> 00:22:46,560

look at them and to hold them and I will

437

00:22:51,890 --> 00:22:50,190

do that soon but I think the Rex Heflin

438

00:22:53,600 --> 00:22:51,900

stuff is real the men in black showed up

439

00:22:55,340 --> 00:22:53,610

at his house took photographs they

440

00:23:00,590 --> 00:22:55,350

disappeared for a decade than they were

441

00:23:02,540 --> 00:23:00,600

returned later but what does mark think

442

00:23:04,340 --> 00:23:02,550

about those when he looks at that kind

443

00:23:08,260 --> 00:23:04,350

of analysis and how do you approach that

444

00:23:12,410 --> 00:23:08,270

and then we have the story of the

445

00:23:15,010 --> 00:23:12,420

dragonfly drones a lot of analysis has

446

00:23:19,010 --> 00:23:15,020

been done on the dragonfly drones and

447

00:23:22,940 --> 00:23:19,020

mark over the years did some serious

448

00:23:26,090 --> 00:23:22,950

serious analysis of this with rendering

449

00:23:28,430 --> 00:23:26,100

and and and CGI and how the stuff was

450

00:23:32,450 --> 00:23:28,440

was created or could be created and

451
00:23:34,520 --> 00:23:32,460
again I disagreed there with Mark's

452
00:23:38,540 --> 00:23:34,530
conclusions and I have my own reasons

453
00:23:40,610 --> 00:23:38,550
for that and with the dragonfly drones

454
00:23:43,700 --> 00:23:40,620
which were photographed allegedly at

455
00:23:47,810 --> 00:23:43,710
different areas - not specifically here

456
00:23:51,100 --> 00:23:47,820
in California but were again allegedly

457
00:23:53,630 --> 00:23:51,110
shot on film

458
00:23:57,500 --> 00:23:53,640
therefore how could it be

459
00:23:59,150 --> 00:23:57,510
CGI I don't know or was it some kind of

460
00:24:00,680 --> 00:23:59,160
elaborate model that was built and

461
00:24:04,030 --> 00:24:00,690
somehow suspended in the air then

462
00:24:07,580 --> 00:24:04,040
photographed I don't know I don't know

463
00:24:09,590 --> 00:24:07,590

Mark's analysis which I have read many

464

00:24:13,610 --> 00:24:09,600

many times over the years I just

465

00:24:16,370 --> 00:24:13,620

completely disagree with but I'm not the

466

00:24:19,460 --> 00:24:16,380

professional here I'm only depending on

467

00:24:21,980 --> 00:24:19,470

my eye and the other part for the

468

00:24:24,100 --> 00:24:21,990

dragonfly drones for me if it was a hoax

469

00:24:27,350 --> 00:24:24,110

in a very elaborate one at that is

470

00:24:31,760 --> 00:24:27,360

carrot comes into play from Palo Alto

471

00:24:33,350 --> 00:24:31,770

and how does carrot play into this and

472

00:24:35,300 --> 00:24:33,360

the symbolism

473

00:24:37,160 --> 00:24:35,310

and the symbols and the software the

474

00:24:39,890 --> 00:24:37,170

alleged software that was painted on the

475

00:24:44,120 --> 00:24:39,900

outside of the craft how all of this

476

00:24:47,300 --> 00:24:44,130

comes into play I think it it it

477

00:24:50,090 --> 00:24:47,310

overlaps very well together and I'm

478

00:24:52,490 --> 00:24:50,100

confused and I think the story is very

479

00:24:54,110 --> 00:24:52,500

elaborate and when it comes to black and

480

00:24:59,750 --> 00:24:54,120

white stories like this that are that

481

00:25:02,120 --> 00:24:59,760

complete I am in love right so that's

482

00:25:06,440 --> 00:25:02,130

that's that's me and then we have the

483

00:25:09,020 --> 00:25:06,450

case of the Phoenix lights again the

484

00:25:11,240 --> 00:25:09,030

analysis is there the the eyewitness

485

00:25:14,750 --> 00:25:11,250

testimony is there the videotape is

486

00:25:16,850 --> 00:25:14,760

there right and and how would he

487

00:25:20,300 --> 00:25:16,860

conclude one way or another based on

488

00:25:23,000 --> 00:25:20,310

that now and then then there is and I

489

00:25:26,300 --> 00:25:23,010

forgot about this believe it or not the

490

00:25:29,600 --> 00:25:26,310

most recent case well actually I've sent

491

00:25:30,890 --> 00:25:29,610

mark some pictures of ESET II but I

492

00:25:32,000 --> 00:25:30,900

don't know if I have time to get around

493

00:25:32,510 --> 00:25:32,010

to that tonight that's not what the

494

00:25:37,100 --> 00:25:32,520

shows about

495

00:25:40,790 --> 00:25:37,110

but contact in the desert that's right

496

00:25:42,920 --> 00:25:40,800

with our with our siding last year and I

497

00:25:46,150 --> 00:25:42,930

was Mark reminded me of this today we

498

00:25:49,250 --> 00:25:46,160

laughed about it cuz I completely forgot

499

00:25:53,840 --> 00:25:49,260

was his critical analysis about what was

500

00:25:56,870 --> 00:25:53,850

going on and I have to AI ask him what

501
00:25:58,670 --> 00:25:56,880
my response was but I think I think I

502
00:26:02,600 --> 00:25:58,680
kind of fired back at him a little bit

503
00:26:04,970 --> 00:26:02,610
and in some you know there you go

504
00:26:07,670 --> 00:26:04,980
what is it that he sees how does he get

505
00:26:08,750 --> 00:26:07,680
to it well that's that's what's so

506
00:26:11,360 --> 00:26:08,760
exciting about tonight

507
00:26:13,880 --> 00:26:11,370
I want you to know that he is somebody

508
00:26:16,370 --> 00:26:13,890
that I respect somebody that I really

509
00:26:18,860 --> 00:26:16,380
like as a friend I think he's very funny

510
00:26:22,640 --> 00:26:18,870
very genuine he's an astronomer he's got

511
00:26:25,790 --> 00:26:22,650
a he's got an observatory he does his

512
00:26:28,430 --> 00:26:25,800
his online night watch night viewing

513
00:26:30,970 --> 00:26:28,440

stuff he's got a great view Tube channel

514

00:26:35,590 --> 00:26:30,980

he's a professional he's well respected

515

00:26:38,450 --> 00:26:35,600

even by me but we can butt heads and

516

00:26:40,520 --> 00:26:38,460

that's what I love about this community

517

00:26:43,280 --> 00:26:40,530

and I keep saying it over and over again

518

00:26:45,650 --> 00:26:43,290

if you can't come in here and talk if

519

00:26:46,770 --> 00:26:45,660

you can't come here and just let your

520

00:26:48,780 --> 00:26:46,780

stuff hang

521

00:26:52,740 --> 00:26:48,790

and we listen to everybody don't have to

522

00:26:55,260 --> 00:26:52,750

agree you just have to listen and that's

523

00:26:57,330 --> 00:26:55,270

what the two of us have always done so

524

00:27:00,840 --> 00:26:57,340

kick back get ready tonight

525

00:27:05,550 --> 00:27:00,850

it's Mark Dantonio MUFON photo analyst

526

00:27:07,650 --> 00:27:05,560

CGI Pro seriously oh and maybe just

527

00:27:10,830 --> 00:27:07,660

maybe we're going to talk about one of

528

00:27:12,240 --> 00:27:10,840

our great heroes tonight that is I guess

529

00:27:14,100 --> 00:27:12,250

we'll call him a partner of his

530

00:27:16,920 --> 00:27:14,110

something that he works with Douglas

531

00:27:19,200 --> 00:27:16,930

Trumbull that's right Doug Trumbull 2001

532

00:27:23,130 --> 00:27:19,210

a Space Odyssey Close Encounters of the

533

00:27:25,830 --> 00:27:23,140

Third Kind the special effects genius in

534

00:27:28,940 --> 00:27:25,840

Hollywood is somebody that Mark works

535

00:27:34,230 --> 00:27:28,950

with Who am I to question Mark Dantonio

536

00:27:35,540 --> 00:27:34,240

right well maybe I'm your signature

537

00:27:38,250 --> 00:27:35,550

Smith is fade to black

538

00:27:39,180 --> 00:27:38,260

tonight Mark Dantonio you just sit right

539

00:27:57,740 --> 00:27:39,190

there I'll be right back

540

00:28:00,780 --> 00:27:57,750

[Music]

541

00:28:04,190 --> 00:28:00,790

you're listening to Jimmy Church fade to

542

00:28:08,180 --> 00:28:06,720

Thank You Blackmun that wall for a

543

00:28:11,480 --> 00:28:08,190

definitive

544

00:28:21,030 --> 00:28:18,780

kgr a radio when you take the beams from

545

00:28:23,580 --> 00:28:21,040

Central America with dashes of

546

00:28:26,010 --> 00:28:23,590

indonesian and african mixed in and then

547

00:28:28,860 --> 00:28:26,020

roasted to the dark side of fade to

548

00:28:32,010 --> 00:28:28,870

black you create the ultimate brew of

549

00:28:35,790 --> 00:28:32,020

fringe introducing the fade to black

550

00:28:38,370 --> 00:28:35,800

blend from river moon coffee yes River

551
00:28:40,020 --> 00:28:38,380
moons darkest customized roast was

552
00:28:43,650 --> 00:28:40,030
created for the love of

553
00:28:46,169 --> 00:28:43,660
fade to black the alchemy of masterful

554
00:28:49,440 --> 00:28:46,179
roasting and smoking the beans is in

555
00:28:53,640 --> 00:28:49,450
every sip of this full-bodied dark Java

556
00:28:55,950 --> 00:28:53,650
I need my coffee doc D with distinct

557
00:28:58,680 --> 00:28:55,960
bittersweet chocolate highlights just

558
00:29:01,110 --> 00:28:58,690
like the bunker leaning further into the

559
00:29:04,380 --> 00:29:01,120
darkness of the roast is fade to black

560
00:29:06,060 --> 00:29:04,390
blend from river moon coffee just click

561
00:29:09,330 --> 00:29:06,070
on the banner at Jimmy Church radio.com

562
00:29:11,900 --> 00:29:09,340
and use the promo code F to B blend for

563
00:29:16,290 --> 00:29:11,910

15% off of your order today

564

00:29:18,090 --> 00:29:16,300

Gobekli Tepe hi folks let's win the

565

00:29:20,549 --> 00:29:18,100

clocks back 60 years

566

00:29:22,830 --> 00:29:20,559

food was different food provided health

567

00:29:25,230 --> 00:29:22,840

and nutrition and using supplements was

568

00:29:27,150 --> 00:29:25,240

minimal unfortunately now we have

569

00:29:30,000 --> 00:29:27,160

chemicals GMOs herbicides and pesticides

570

00:29:31,919 --> 00:29:30,010

that can be quite lethal in the name of

571

00:29:33,570 --> 00:29:31,929

our food supply and of course the

572

00:29:35,580 --> 00:29:33,580

ever-loving dollar supplementing our

573

00:29:37,830 --> 00:29:35,590

diets can be very important to stay

574

00:29:40,260 --> 00:29:37,840

healthy cleansing from daily intruders

575

00:29:41,640 --> 00:29:40,270

to the body might be critical live

576

00:29:44,190 --> 00:29:41,650

strong and take charge

577

00:29:46,049 --> 00:29:44,200

log on to get the tea calm our herbal

578

00:29:48,480 --> 00:29:46,059

tea is a great way to cleanse from

579

00:29:51,120 --> 00:29:48,490

intruders our supplement is a great way

580

00:29:53,730 --> 00:29:51,130

to maintain and improve your health when

581

00:29:56,910 --> 00:29:53,740

your health is not up to par go to get

582

00:29:59,790 --> 00:29:56,920

the tea calm no GMOs no fillers and

583

00:30:02,250 --> 00:29:59,800

organic and very helpful in keeping you

584

00:30:05,010 --> 00:30:02,260

at the top of your game life is too

585

00:30:07,620 --> 00:30:05,020

short to feel uh you know what I mean

586

00:30:08,390 --> 00:30:07,630

stay in the game at the top of your game

587

00:30:13,050 --> 00:30:08,400

with

588

00:30:16,830 --> 00:30:13,060

t-dot-com that's get the t.com again get

589

00:30:21,510 --> 00:30:16,840

the t.com nine out of ten geneticists

590

00:30:26,900 --> 00:30:21,520

agree fade to black

591

00:30:31,200 --> 00:30:26,910

is not your father's radio show on the

592

00:30:36,690 --> 00:30:31,210

game-changer radio network and kgr a the

593

00:30:38,730 --> 00:30:36,700

planet swim big with KCRA this summer

594

00:30:40,590 --> 00:30:38,740

tickets and hotel accommodations to the

595

00:30:43,110 --> 00:30:40,600

biggest conferences autographed books

596

00:30:45,240 --> 00:30:43,120

the dvds chances to win all-inclusive

597

00:30:48,450 --> 00:30:45,250

conference cruises and private dinners

598

00:30:51,030 --> 00:30:48,460

with your favorite kgr a hosts click the

599

00:30:53,130 --> 00:30:51,040

contest to have it kg are a radio calm

600

00:30:55,620 --> 00:30:53,140

for your chance to win big this summer

601
00:31:00,260 --> 00:30:55,630
your contact for the best alternative

602
00:31:03,110 --> 00:31:00,270
talk radio on the planet KCRA radio.com

603
00:31:05,940 --> 00:31:03,120
[Music]

604
00:31:08,190 --> 00:31:05,950
hi this is rob reiner from amal and

605
00:31:12,480 --> 00:31:08,200
you're listening to jimmy huge radio

606
00:31:13,950 --> 00:31:12,490
calm what's up what up in a calm and

607
00:31:16,150 --> 00:31:13,960
we're listening the same each church

608
00:31:30,090 --> 00:31:16,160
radio

609
00:31:34,270 --> 00:31:32,530
all right welcome back fade to black

610
00:31:38,200 --> 00:31:34,280
I'm your host Amy Church it is Monday

611
00:31:41,230 --> 00:31:38,210
over the next two weeks six first-time

612
00:31:47,289 --> 00:31:41,240
guests on fade to black how cool is that

613
00:31:50,320 --> 00:31:47,299

kicking it off tonight Marc Dantonio he

614

00:31:52,870 --> 00:31:50,330

has a degree in astronomy and is the

615

00:31:56,020 --> 00:31:52,880

mutual UFO network MUFON chief photo

616

00:31:57,700 --> 00:31:56,030

video analyst he is CEO of effects

617

00:31:59,440 --> 00:31:57,710

models a model making and special

618

00:32:01,570 --> 00:31:59,450

effects company specializing in digital

619

00:32:04,299 --> 00:32:01,580

physical models and organic special

620

00:32:05,950 --> 00:32:04,309

effects in the film industry he has an

621

00:32:08,320 --> 00:32:05,960

extensive work history in the film and

622

00:32:09,820 --> 00:32:08,330

television arena appearing regularly on

623

00:32:14,200 --> 00:32:09,830

a number of networks his efforts

624

00:32:16,270 --> 00:32:14,210

creating UFO 2g to a remote UFO

625

00:32:18,430 --> 00:32:16,280

detection system with Academy Award

626
00:32:21,070 --> 00:32:18,440
winner the one and only douglas trumbull

627
00:32:22,299 --> 00:32:21,080
promises to bring ufology into the 21st

628
00:32:24,850 --> 00:32:22,309
century we're going to talk about that

629
00:32:28,570 --> 00:32:24,860
tonight he has appeared on CNN discovery

630
00:32:30,340 --> 00:32:28,580
sci-fi history Nash not geo and science

631
00:32:33,100 --> 00:32:30,350
channels he also creates visual effects

632
00:32:35,680 --> 00:32:33,110
props direct visual effects shots and

633
00:32:38,289 --> 00:32:35,690
create CGI for productions appears

634
00:32:40,330 --> 00:32:38,299
regularly on NASA's unexplained files in

635
00:32:43,210 --> 00:32:40,340
the series what on earth seeking answers

636
00:32:46,210 --> 00:32:43,220
to perplexing earth mysteries brought to

637
00:32:48,520 --> 00:32:46,220
us via Earth orbiting satellites mark

638
00:32:50,799 --> 00:32:48,530

operates the John Zack Memorial

639

00:32:53,289 --> 00:32:50,809

Observatory in Connecticut in support of

640

00:32:56,080 --> 00:32:53,299

the quest for extraterrestrial life he

641

00:32:59,409 --> 00:32:56,090

originated and operates the sky tour

642

00:33:02,140 --> 00:32:59,419

livestream from the observatory it is

643

00:33:03,940 --> 00:33:02,150

being ready to fully automated online

644

00:33:07,120 --> 00:33:03,950

use and will be moved to Arizona the

645

00:33:09,010 --> 00:33:07,130

near future under a fully dark sky where

646

00:33:12,370 --> 00:33:09,020

all automation systems are installed

647

00:33:14,260 --> 00:33:12,380

tested and completed its website is FX

648

00:33:16,299 --> 00:33:14,270

models.com and i would like to welcome

649

00:33:19,270 --> 00:33:16,309

for the first time to fade to black the

650

00:33:22,180 --> 00:33:19,280

one and only Mark Dantonio mark bulk of

651

00:33:24,220 --> 00:33:22,190

my friend Wow that was a heck of an

652

00:33:27,700 --> 00:33:24,230

introduction thanks Jimmy and nice to be

653

00:33:30,159 --> 00:33:27,710

here it's a great night yeah you know it

654

00:33:32,140 --> 00:33:30,169

is a great night and doomy here does he

655

00:33:34,360 --> 00:33:32,150

know I got stars and something I know I

656

00:33:36,370 --> 00:33:34,370

know I know I know I watch your stuff

657

00:33:39,779 --> 00:33:36,380

all the time on your YouTube channel and

658

00:33:42,060 --> 00:33:39,789

I'm fully jealous I mean you know I

659

00:33:44,879 --> 00:33:42,070

haven't gotten a telescope yet if you

660

00:33:46,379 --> 00:33:44,889

can believe that or not but you know one

661

00:33:49,139 --> 00:33:46,389

day I'll be able to see some of the

662

00:33:49,379 --> 00:33:49,149

stuff that you just you just go and do

663

00:33:51,210 --> 00:33:49,389

it

664

00:33:53,039 --> 00:33:51,220

whenever you want and that that is so

665

00:33:53,399 --> 00:33:53,049

cool we'll get to that in a second

666

00:33:55,440 --> 00:33:53,409

though

667

00:33:58,979 --> 00:33:55,450

sure first I've got to do the first-time

668

00:34:01,499 --> 00:33:58,989

guests disclaimer are you ready go for

669

00:34:03,930 --> 00:34:01,509

it it's just you and I sitting on my

670

00:34:05,849 --> 00:34:03,940

couch talking as friends where we start

671

00:34:06,869 --> 00:34:05,859

we start where we end we end what we're

672

00:34:08,839 --> 00:34:06,879

going to end as friends

673

00:34:13,789 --> 00:34:08,849

there's the disclaimer you ready to go

674

00:34:19,470 --> 00:34:17,180

okay this is you you and I you and I

675

00:34:21,569 --> 00:34:19,480

agree on something disagreed on some

676

00:34:24,180 --> 00:34:21,579

things and I'm okay with that it happy

677

00:34:25,619 --> 00:34:24,190

to be that way yeah in the end like no

678

00:34:27,659 --> 00:34:25,629

to mine see you like I mean not that

679

00:34:29,280 --> 00:34:27,669

that's what makes us learn that's what

680

00:34:29,639 --> 00:34:29,290

makes us change the way we look at

681

00:34:32,309 --> 00:34:29,649

things

682

00:34:33,569 --> 00:34:32,319

no well you stretch me my mind I stretch

683

00:34:35,909 --> 00:34:33,579

your mind and we kind of meet in the

684

00:34:38,909 --> 00:34:35,919

middle somewhere yeah that and that's

685

00:34:42,210 --> 00:34:38,919

how it should be and and I enjoy that

686

00:34:45,659 --> 00:34:42,220

too as well but the real truth is you're

687

00:34:48,240 --> 00:34:45,669

the plum right I'm just a radio guy so

688

00:34:50,539 --> 00:34:48,250

Who am I to butt heads with you but

689

00:34:52,500 --> 00:34:50,549

nothing like us we have our religious

690

00:34:54,659 --> 00:34:52,510

Jimmy you were the guy that saw

691

00:34:58,200 --> 00:34:54,669

something for instance and I was just

692

00:35:00,059 --> 00:34:58,210

looking at the video so I could be pro

693

00:35:01,289 --> 00:35:00,069

all I want you know and I could sit

694

00:35:03,270 --> 00:35:01,299

around and strut with my brothers and

695

00:35:06,030 --> 00:35:03,280

say hey I'm a pro like guess what and

696

00:35:10,829 --> 00:35:06,040

Yin you're the guy that saw it me and so

697

00:35:13,740 --> 00:35:10,839

what right me and 400 other people so in

698

00:35:15,240 --> 00:35:13,750

the end when I saw you know for instance

699

00:35:17,910 --> 00:35:15,250

if I see something on video but doesn't

700

00:35:19,500 --> 00:35:17,920

purport to do what you said it does all

701
00:35:21,480 --> 00:35:19,510
I can say is you might have seen

702
00:35:23,400 --> 00:35:21,490
everything you said but the video

703
00:35:24,539 --> 00:35:23,410
doesn't show it and that's all I do and

704
00:35:26,309 --> 00:35:24,549
then I don't I don't try to say you

705
00:35:27,900 --> 00:35:26,319
didn't see what you saw I try to say

706
00:35:32,210 --> 00:35:27,910
that video didn't show what you said you

707
00:35:36,000 --> 00:35:32,220
saw and it's he and here's the thing you

708
00:35:38,760 --> 00:35:36,010
people have over the years you have

709
00:35:41,490 --> 00:35:38,770
earned that respect okay and so when you

710
00:35:44,630 --> 00:35:41,500
speak people listen but what comes with

711
00:35:47,400 --> 00:35:44,640
that mark is a whole truckload of

712
00:35:48,150 --> 00:35:47,410
responsibility so not how do you deal

713
00:35:51,460 --> 00:35:48,160

with that

714

00:35:57,600 --> 00:35:53,650

you know I I have to watch what I say

715

00:35:59,890 --> 00:35:57,610

okay but I I can't not say something

716

00:36:03,310 --> 00:35:59,900

because it might hurt someone's feeling

717

00:36:05,680 --> 00:36:03,320

or because someone might get offended or

718

00:36:08,170 --> 00:36:05,690

whatever I don't say things that would

719

00:36:11,500 --> 00:36:08,180

you know make people feel like you know

720

00:36:12,250 --> 00:36:11,510

I'm doing anything bad socially I would

721

00:36:13,750 --> 00:36:12,260

never do that

722

00:36:16,390 --> 00:36:13,760

guys don't him into my mind all those

723

00:36:20,230 --> 00:36:16,400

things I'm in my mind to say so you know

724

00:36:23,410 --> 00:36:20,240

that said if I see something that I

725

00:36:25,710 --> 00:36:23,420

understand it's a sky anomaly let's say

726

00:36:28,900 --> 00:36:25,720

it was a rocket launch for instance okay

727

00:36:31,150 --> 00:36:28,910

I'll endure the slings and arrows okay

728

00:36:32,650 --> 00:36:31,160

to say what I think it is and if I

729

00:36:35,920 --> 00:36:32,660

really strongly believe it's what it is

730

00:36:37,390 --> 00:36:35,930

then I will say okay the facts will come

731

00:36:39,340 --> 00:36:37,400

out in a couple days probably but for

732

00:36:42,130 --> 00:36:39,350

now I'm sticking to my guns I'm not

733

00:36:44,800 --> 00:36:42,140

changing my position this was a failed

734

00:36:47,670 --> 00:36:44,810

rocket launch for instance right well

735

00:36:50,470 --> 00:36:47,680

well like with contact in the desert and

736

00:36:53,880 --> 00:36:50,480

which I had forgotten about our dialogue

737

00:36:58,000 --> 00:36:53,890

on that until you borrowed on the USS

738

00:37:00,720 --> 00:36:58,010

Nevada me do you know here that analysis

739

00:37:04,300 --> 00:37:00,730

jumped out there and you you jump in and

740

00:37:06,010 --> 00:37:04,310

and you say you know it wasn't this it

741

00:37:09,580 --> 00:37:06,020

was a satellite I think is what you said

742

00:37:11,560 --> 00:37:09,590

and and the rest everybody out there

743

00:37:15,100 --> 00:37:11,570

reads that and goes okay

744

00:37:17,230 --> 00:37:15,110

Church is a dufus because March is said

745

00:37:20,500 --> 00:37:17,240

but it you know and that's that's the

746

00:37:22,450 --> 00:37:20,510

power of you right and yeah and you know

747

00:37:24,640 --> 00:37:22,460

what things are different these days I

748

00:37:27,220 --> 00:37:24,650

mean yeah I know that was just like no

749

00:37:29,500 --> 00:37:27,230

year ago or so but Jim either you're

750

00:37:31,810 --> 00:37:29,510

right okay when I saw that I saw the

751
00:37:33,520 --> 00:37:31,820
video the video showed me something that

752
00:37:34,540 --> 00:37:33,530
look like satellites and for the people

753
00:37:36,430 --> 00:37:34,550
that don't know what I'm talking about

754
00:37:38,980 --> 00:37:36,440
you're talking about those taking video

755
00:37:42,580 --> 00:37:38,990
that you sent that you took on a night

756
00:37:43,870 --> 00:37:42,590
vision system which by the way after I

757
00:37:45,880 --> 00:37:43,880
saw that video you know what I did I

758
00:37:48,040 --> 00:37:45,890
went out and I bought one of those night

759
00:37:49,740 --> 00:37:48,050
vision systems right because I wasn't

760
00:37:52,960 --> 00:37:49,750
going to be talking out of my rear end

761
00:37:54,880 --> 00:37:52,970
about the capabilities of that that

762
00:37:57,190 --> 00:37:54,890
night vision system if I didn't have on

763
00:37:59,410 --> 00:37:57,200

myself and had been working with it so I

764

00:38:02,200 --> 00:37:59,420

bought one immediately okay so that I

765

00:38:03,880 --> 00:38:02,210

could actually go and make sure that

766

00:38:04,660 --> 00:38:03,890

what I was seeing was what I thought was

767

00:38:08,440 --> 00:38:04,670

part of

768

00:38:11,859 --> 00:38:08,450

the unity on and so forth so on so then

769

00:38:13,750 --> 00:38:11,869

it was so I mean for me I mean the unit

770

00:38:15,849 --> 00:38:13,760

acted as I suspected it would and that

771

00:38:18,730 --> 00:38:15,859

was good so it's in my closet I use it

772

00:38:20,259 --> 00:38:18,740

from time to time I take it out and you

773

00:38:22,900 --> 00:38:20,269

know you're the one that turned me on to

774

00:38:24,370 --> 00:38:22,910

the qualities of that is a possibly you

775

00:38:28,000 --> 00:38:24,380

know good night vision instrument you

776

00:38:31,120 --> 00:38:28,010

know right um and so in an example of

777

00:38:32,650 --> 00:38:31,130

where you saw something that the video

778

00:38:34,359 --> 00:38:32,660

didn't agree with what you saw in my

779

00:38:36,240 --> 00:38:34,369

view because what you saw was something

780

00:38:38,470 --> 00:38:36,250

far different from what the video shows

781

00:38:43,059 --> 00:38:38,480

in my viewing it's the way you're

782

00:38:45,309 --> 00:38:43,069

describing it and then I have a union

783

00:38:47,319 --> 00:38:45,319

now actually tested and confirmed that

784

00:38:51,670 --> 00:38:47,329

the unit acts just like it appears to

785

00:38:53,259 --> 00:38:51,680

act in the video so now we of course we

786

00:38:56,259 --> 00:38:53,269

we part as friends with that and we

787

00:38:59,319 --> 00:38:56,269

agreed that to disagree on and what it

788

00:39:01,120 --> 00:38:59,329

may be I am actually not saying what you

789

00:39:03,549 --> 00:39:01,130

know that it is this guaranteed I'm

790

00:39:07,089 --> 00:39:03,559

saying it has all the hallmarks and

791

00:39:10,539 --> 00:39:07,099

characteristics of this no satellites

792

00:39:11,769 --> 00:39:10,549

say right um and you know you saw

793

00:39:13,240 --> 00:39:11,779

something different you saw a different

794

00:39:15,700 --> 00:39:13,250

activity you saw something that wasn't

795

00:39:17,559 --> 00:39:15,710

on the video if I saw the thing just

796

00:39:19,990 --> 00:39:17,569

come to a stop and then start moving

797

00:39:21,970 --> 00:39:20,000

again well you know what I mean that's

798

00:39:25,180 --> 00:39:21,980

that's a game-changer well it is it is

799

00:39:28,150 --> 00:39:25,190

but the element there were two videos

800

00:39:31,180 --> 00:39:28,160

that you saw one was without night

801
00:39:33,700 --> 00:39:31,190
vision and that was with a documentary

802
00:39:35,950 --> 00:39:33,710
film crew that was just regular shot

803
00:39:37,200 --> 00:39:35,960
that was in black and what it looks like

804
00:39:40,900 --> 00:39:37,210
it's black and white because you're

805
00:39:42,970 --> 00:39:40,910
shooting the sky and so there's that and

806
00:39:44,440 --> 00:39:42,980
then the other one was a night vision

807
00:39:47,829 --> 00:39:44,450
version of it but if you were standing

808
00:39:49,809 --> 00:39:47,839
next to me there what you would have

809
00:39:52,900 --> 00:39:49,819
seen is this thing when it started off

810
00:39:56,740 --> 00:39:52,910
on the ground okay so it's going across

811
00:39:58,509 --> 00:39:56,750
the desert floor up above you know along

812
00:40:01,900 --> 00:39:58,519
the foothills of the mountains about a

813
00:40:04,420 --> 00:40:01,910

mile away from us and slowly ascended

814

00:40:08,170 --> 00:40:04,430

and turned up up up up and then went

815

00:40:10,359 --> 00:40:08,180

into the sky it took five minutes for

816

00:40:13,900 --> 00:40:10,369

this thing to complete itself and when

817

00:40:16,839 --> 00:40:13,910

it was done it was just a little it was

818

00:40:18,290 --> 00:40:16,849

tinier than a pinprick of starlight in

819

00:40:20,660 --> 00:40:18,300

the sky that's when I stopped

820

00:40:23,210 --> 00:40:20,670

turn to the lactose so you see that

821

00:40:25,640 --> 00:40:23,220

sound that sounds like a really that's

822

00:40:29,060 --> 00:40:25,650

an exotic site you're just really crazy

823

00:40:32,630 --> 00:40:29,070

it was me it was their manager I want to

824

00:40:34,460 --> 00:40:32,640

see this too you know right bunk I don't

825

00:40:36,140 --> 00:40:34,470

want the bug people I meet and say wow

826

00:40:38,570 --> 00:40:36,150

that really is so cool

827

00:40:40,670 --> 00:40:38,580

but that's like you know I just got

828

00:40:43,700 --> 00:40:40,680

these videos I don't get to see the real

829

00:40:46,090 --> 00:40:43,710

thing sometime you know now before we

830

00:40:49,790 --> 00:40:46,100

move on let me ask you this because you

831

00:40:53,060 --> 00:40:49,800

you are the manager of this observatory

832

00:40:54,800 --> 00:40:53,070

you operate it and I've got this nice

833

00:40:55,610 --> 00:40:54,810

telescope and you're always looking up

834

00:40:57,200 --> 00:40:55,620

in the sky

835

00:41:00,680 --> 00:40:57,210

have you seen anything from the

836

00:41:02,300 --> 00:41:00,690

observatory that is tripped yet well I'm

837

00:41:04,130 --> 00:41:02,310

you know it's funny you know we talked

838

00:41:05,570 --> 00:41:04,140

about you know we have a sky full of

839

00:41:08,300 --> 00:41:05,580

satellites we have a sky full of stuff

840

00:41:10,160 --> 00:41:08,310

okay you know we look through the

841

00:41:12,440 --> 00:41:10,170

atmosphere at this at the stars and we

842

00:41:15,740 --> 00:41:12,450

want to look at something it's actually

843

00:41:17,270 --> 00:41:15,750

not uncommon and I've had this happen a

844

00:41:20,120 --> 00:41:17,280

number of times caught it on video in

845

00:41:21,860 --> 00:41:20,130

fact in the observatory where while I'm

846

00:41:23,930 --> 00:41:21,870

looking suddenly a meteor goes through

847

00:41:26,810 --> 00:41:23,940

pew right in that tiny little field of

848

00:41:28,340 --> 00:41:26,820

view why would a meteor how what a

849

00:41:29,870 --> 00:41:28,350

chance is right where I have to say you

850

00:41:31,820 --> 00:41:29,880

say wow seems like it's actually

851

00:41:36,430 --> 00:41:31,830

infrequent that it would actually do

852

00:41:40,840 --> 00:41:36,440

that but the fact is we're being hit by

853

00:41:43,160 --> 00:41:40,850

millions of tons a year of meteoric dust

854

00:41:45,140 --> 00:41:43,170

so it stands to reason that you might

855

00:41:47,240 --> 00:41:45,150

actually catch one in a telescope with a

856

00:41:49,280 --> 00:41:47,250

special camera that can detect very very

857

00:41:49,940 --> 00:41:49,290

low light things they're probably coming

858

00:41:51,590 --> 00:41:49,950

in all the time

859

00:41:53,630 --> 00:41:51,600

and it's probably rare that you won't

860

00:41:56,360 --> 00:41:53,640

see them you know for instance and

861

00:41:58,270 --> 00:41:56,370

satellite similarly we have tens of

862

00:42:02,030 --> 00:41:58,280

thousands of satellites in orbit right

863

00:42:03,520 --> 00:42:02,040

so we expect at some point or another

864

00:42:05,480 --> 00:42:03,530

while we're looking through a telescope

865

00:42:07,760 --> 00:42:05,490

that we're going to actually see

866

00:42:10,700 --> 00:42:07,770

something go streaking tubes and I do

867

00:42:12,230 --> 00:42:10,710

and I have you know and I've been doing

868

00:42:13,790 --> 00:42:12,240

the sky store when all of us at all look

869

00:42:15,950 --> 00:42:13,800

at that did you see that people say oh

870

00:42:17,150 --> 00:42:15,960

that was cool we're looking at the moon

871

00:42:19,370 --> 00:42:17,160

and something went right in front of

872

00:42:21,620 --> 00:42:19,380

moon you know but at one point and I

873

00:42:23,300 --> 00:42:21,630

know my friends at P encase a space

874

00:42:26,360 --> 00:42:23,310

imaging in k-space imaging Paul and Kate

875

00:42:28,310 --> 00:42:26,370

Ponte okay they've had many things they

876

00:42:30,140 --> 00:42:28,320

do the moon and the planets and they do

877

00:42:31,650 --> 00:42:30,150

they have many things cross in front of

878

00:42:33,870 --> 00:42:31,660

the moon and I always they always talk

879

00:42:37,650 --> 00:42:33,880

me work back and forth of each other and

880

00:42:39,780 --> 00:42:37,660

it's kind of cool to watch them catch

881

00:42:41,070 --> 00:42:39,790

something on the lunar stream that

882

00:42:42,270 --> 00:42:41,080

they're doing because they're not doing

883

00:42:44,010 --> 00:42:42,280

it to catch something a little machine

884

00:42:47,190 --> 00:42:44,020

like a suddenly crossing in front of the

885

00:42:49,070 --> 00:42:47,200

moon but they do anyway and they catch

886

00:42:51,270 --> 00:42:49,080

it and because it's stored there's a

887

00:42:53,010 --> 00:42:51,280

screen because it's stored on YouTube

888

00:42:55,320 --> 00:42:53,020

you can always go back and look at it

889

00:42:58,080 --> 00:42:55,330

and we've done that many times and slow

890

00:43:00,330 --> 00:42:58,090

them down frame by frame trying to check

891

00:43:02,760 --> 00:43:00,340

it out see what it is and it was only

892

00:43:05,070 --> 00:43:02,770

just theory Jim it's only theory we only

893

00:43:06,990 --> 00:43:05,080

think we know we're looking at based on

894

00:43:09,210 --> 00:43:07,000

what we know is up there but the

895

00:43:11,640 --> 00:43:09,220

question is what about all the stuff we

896

00:43:12,540 --> 00:43:11,650

don't know is up there even our own you

897

00:43:14,670 --> 00:43:12,550

know we have things in our own

898

00:43:17,310 --> 00:43:14,680

interrupter that we that obviously we

899

00:43:19,470 --> 00:43:17,320

don't know about you know the general

900

00:43:20,850 --> 00:43:19,480

public doesn't know about and maybe

901
00:43:23,250 --> 00:43:20,860
there's something up there that belongs

902
00:43:25,500 --> 00:43:23,260
to another civilization - for all we

903
00:43:27,690 --> 00:43:25,510
know you know that's watching us from a

904
00:43:31,470 --> 00:43:27,700
distance and if that was if I was an

905
00:43:32,820 --> 00:43:31,480
alien civilization I'd probably set up

906
00:43:35,250 --> 00:43:32,830
on the far side of the Moon and I'd have

907
00:43:36,630 --> 00:43:35,260
a little staging point there and take

908
00:43:38,130 --> 00:43:36,640
off and go to the earth and hide in the

909
00:43:39,810 --> 00:43:38,140
oceans because no one can find me there

910
00:43:41,310 --> 00:43:39,820
no one goes in the oceans not to the

911
00:43:43,860 --> 00:43:41,320
places that no these things could go

912
00:43:47,010 --> 00:43:43,870
right so you know I mean I see a whole

913
00:43:49,010 --> 00:43:47,020

methodology here for how I would act if

914

00:43:52,980 --> 00:43:49,020

I want to take a surreptitious

915

00:43:55,380 --> 00:43:52,990

clandestine surveillance mission on a

916

00:43:59,100 --> 00:43:55,390

society that is known to be belligerent

917

00:44:02,280 --> 00:43:59,110

with strangers basically right right

918

00:44:07,140 --> 00:44:02,290

well what about have you ever seen a

919

00:44:08,730 --> 00:44:07,150

satellite change directions no John I

920

00:44:10,050 --> 00:44:08,740

have never seen that and when people

921

00:44:13,500 --> 00:44:10,060

tell me that they've seen one that does

922

00:44:14,100 --> 00:44:13,510

that I go oh it's like I want that come

923

00:44:15,840 --> 00:44:14,110

on

924

00:44:17,220 --> 00:44:15,850

all right let me take me then with you

925

00:44:19,890 --> 00:44:17,230

next time I want to see that you know I

926
00:44:21,840 --> 00:44:19,900
mean I want to see that happen you know

927
00:44:23,640 --> 00:44:21,850
I don't want to hide it I want to yell

928
00:44:25,440 --> 00:44:23,650
into the world I want to show them the

929
00:44:27,060 --> 00:44:25,450
video and I want to actually prove that

930
00:44:28,560 --> 00:44:27,070
they're here that's what I'm all about

931
00:44:30,690 --> 00:44:28,570
that's what Doug's all about Doug

932
00:44:32,880 --> 00:44:30,700
Trumbull life you're trying to do this

933
00:44:35,940 --> 00:44:32,890
this UFO detection system and this is

934
00:44:38,640 --> 00:44:35,950
this is not child's play to do this

935
00:44:40,890 --> 00:44:38,650
stuff you know there's there's got to be

936
00:44:42,840 --> 00:44:40,900
a lot of considerations because there

937
00:44:45,030 --> 00:44:42,850
you got to win over the media the media

938
00:44:48,150 --> 00:44:45,040

put the tinfoil hat on your head

939

00:44:51,840 --> 00:44:48,160

you say UFO you might as well turn into

940

00:44:55,710 --> 00:44:51,850

a you know a guy that just talks like

941

00:44:57,690 --> 00:44:55,720

this Oh y'all saw me a UFO right right

942

00:44:59,280 --> 00:44:57,700

the media treats you like an idiot gives

943

00:45:01,710 --> 00:44:59,290

you a tinfoil hat and say hey let's put

944

00:45:03,540 --> 00:45:01,720

them on the funny comedic relief and

945

00:45:06,030 --> 00:45:03,550

they're in a news class come on after

946

00:45:08,990 --> 00:45:06,040

the after the accident scene you know

947

00:45:13,200 --> 00:45:09,000

that kind of thing well um what about

948

00:45:17,190 --> 00:45:13,210

the amount of give me an idea give the

949

00:45:19,830 --> 00:45:17,200

audience an idea of how many photos come

950

00:45:22,230 --> 00:45:19,840

through your hands in a month for a move

951
00:45:25,740 --> 00:45:22,240
on for your analysis what's a typical

952
00:45:30,240 --> 00:45:25,750
month on typical month I'll see anywhere

953
00:45:32,760 --> 00:45:30,250
between 10 and 110 you know photos

954
00:45:36,510 --> 00:45:32,770
and/or videos that people send me from

955
00:45:38,190 --> 00:45:36,520
all over the world and I give them I do

956
00:45:40,170 --> 00:45:38,200
give it my best shot to analyze as many

957
00:45:41,760 --> 00:45:40,180
as I can you know I do have a little bit

958
00:45:44,430 --> 00:45:41,770
of a backlog so it does take me some

959
00:45:46,920 --> 00:45:44,440
time sometimes but you have to

960
00:45:50,670 --> 00:45:46,930
understand and then you do actually part

961
00:45:54,750 --> 00:45:50,680
off this part of it 99% of all the

962
00:45:56,910 --> 00:45:54,760
things I see 99.9 okay are ordinary

963
00:46:00,420 --> 00:45:56,920

objects captured in an extraordinary

964

00:46:02,460 --> 00:46:00,430

manner and that's that phrase is very

965

00:46:05,270 --> 00:46:02,470

important or ordinary object captured in

966

00:46:08,640 --> 00:46:05,280

an extraordinary manner and when I see a

967

00:46:11,370 --> 00:46:08,650

bird that's caught in a blur

968

00:46:12,990 --> 00:46:11,380

on a frame of a photo and someone says I

969

00:46:16,590 --> 00:46:13,000

did not see that when they took the

970

00:46:19,560 --> 00:46:16,600

picture I truly believe them okay when I

971

00:46:21,090 --> 00:46:19,570

see a butterfly that's caught in a frame

972

00:46:22,230 --> 00:46:21,100

of a program it looks really odd or a

973

00:46:23,910 --> 00:46:22,240

beetle flying through and they're

974

00:46:26,670 --> 00:46:23,920

reflections off of its carapace on the

975

00:46:27,930 --> 00:46:26,680

back or are very bright and you can

976
00:46:29,490 --> 00:46:27,940
actually see the wings you know in some

977
00:46:32,010 --> 00:46:29,500
of these photos and with a little

978
00:46:34,950 --> 00:46:32,020
outstretched lines radial lines sticking

979
00:46:36,840 --> 00:46:34,960
off of them then you know I'm sure they

980
00:46:39,060 --> 00:46:36,850
didn't see them because what we do as

981
00:46:41,760 --> 00:46:39,070
human beings is we ignore the obvious

982
00:46:43,620 --> 00:46:41,770
every day as we're driving down the road

983
00:46:45,300 --> 00:46:43,630
you know how many times when people say

984
00:46:48,510 --> 00:46:45,310
did you see that that deer inside a road

985
00:46:50,340 --> 00:46:48,520
and oh no I didn't or you know you see

986
00:46:52,950 --> 00:46:50,350
that bird flying by they hadn't had that

987
00:46:55,110 --> 00:46:52,960
was a giant bird no I missed it you know

988
00:46:56,700 --> 00:46:55,120

so your past you might have seen it you

989

00:46:58,020 --> 00:46:56,710

didn't know or you're the passenger you

990

00:47:00,210 --> 00:46:58,030

didn't see it

991

00:47:01,650 --> 00:47:00,220

we ignore the obvious every day when we

992

00:47:03,420 --> 00:47:01,660

take pictures we're focusing on the

993

00:47:06,780 --> 00:47:03,430

subject we're not focusing on that bug

994

00:47:09,510 --> 00:47:06,790

flying through see so we're easily

995

00:47:11,880 --> 00:47:09,520

distracted and we are focused creatures

996

00:47:14,160 --> 00:47:11,890

we will refocus litters exit there's no

997

00:47:17,010 --> 00:47:14,170

stopping us actually our focus is really

998

00:47:19,230 --> 00:47:17,020

pretty good in the animal kingdom and so

999

00:47:21,300 --> 00:47:19,240

when we see something we focus and we

1000

00:47:24,780 --> 00:47:21,310

take a picture okay I took a picture

1001
00:47:26,550 --> 00:47:24,790
that Aztec temple but I didn't purposely

1002
00:47:29,099 --> 00:47:26,560
take a picture of that thing flying

1003
00:47:31,290 --> 00:47:29,109
through that looks like a UFO to me well

1004
00:47:34,320 --> 00:47:31,300
what about what about the point one

1005
00:47:36,780 --> 00:47:34,330
percent well the point one percent

1006
00:47:39,390 --> 00:47:36,790
represents those that there's not enough

1007
00:47:42,599 --> 00:47:39,400
information to make a determination and

1008
00:47:43,950 --> 00:47:42,609
I like those and I'll tell you why the

1009
00:47:46,770 --> 00:47:43,960
ones that don't have enough information

1010
00:47:50,820 --> 00:47:46,780
to first make an interpretation means

1011
00:47:52,589 --> 00:47:50,830
that there's a chance that more data

1012
00:47:57,420 --> 00:47:52,599
will vindicate the sighting as

1013
00:48:00,089 --> 00:47:57,430

legitimate and actual or put it in a

1014

00:48:01,680 --> 00:48:00,099

category of an own so there's a chance

1015

00:48:05,370 --> 00:48:01,690

you see that the ones that don't have

1016

00:48:08,700 --> 00:48:05,380

enough information could be the real

1017

00:48:10,079 --> 00:48:08,710

thing and I like that see I like that I

1018

00:48:12,660 --> 00:48:10,089

mean I've been doing this since you know

1019

00:48:14,849 --> 00:48:12,670

a mile over a decade and I go doing just

1020

00:48:18,570 --> 00:48:14,859

what I'm doing and this is something

1021

00:48:19,710 --> 00:48:18,580

that is to me it's what makes me get up

1022

00:48:21,780 --> 00:48:19,720

in the morning is this kind of thing

1023

00:48:24,000 --> 00:48:21,790

because I want to find those ones that

1024

00:48:27,210 --> 00:48:24,010

are unknowns I want to find the ones

1025

00:48:29,370 --> 00:48:27,220

that have no explanation I have I have

1026

00:48:31,079 --> 00:48:29,380

one sighting I had if you want me to

1027

00:48:34,109 --> 00:48:31,089

talk about that now that I not guy had

1028

00:48:37,290 --> 00:48:34,119

work that I studied it I could never

1029

00:48:41,700 --> 00:48:37,300

find an adequate explanation for and was

1030

00:48:44,339 --> 00:48:41,710

this the one in um in the Midwest this

1031

00:48:46,410 --> 00:48:44,349

was in Montana in Montana yeah remember

1032

00:48:48,750 --> 00:48:46,420

that one yeah so tell him about it

1033

00:48:51,060 --> 00:48:48,760

sure if his father was with his little

1034

00:48:52,470 --> 00:48:51,070

daughter and me a favor he's going I

1035

00:48:56,070 --> 00:48:52,480

think was a baseball stadium I could be

1036

00:48:57,990 --> 00:48:56,080

wrong and he starts to you know he's

1037

00:49:00,060 --> 00:48:58,000

filming with his camera it was like it

1038

00:49:01,500 --> 00:49:00,070

was like a 8 or 16-millimeter camera and

1039

00:49:05,130 --> 00:49:01,510

he's filming just to get some footage

1040

00:49:08,040 --> 00:49:05,140

and he catches and it's only 3 seconds

1041

00:49:11,280 --> 00:49:08,050

long maybe a little less he kept the two

1042

00:49:12,110 --> 00:49:11,290

silver objects flying extremely fast

1043

00:49:15,780 --> 00:49:12,120

speed

1044

00:49:19,440 --> 00:49:15,790

um and they go behind a tower a radio

1045

00:49:23,180 --> 00:49:19,450

tower or light towers all right and it's

1046

00:49:25,680 --> 00:49:23,190

the power that has the the like like a

1047

00:49:29,630 --> 00:49:25,690

transmission tower it has the girder II

1048

00:49:32,460 --> 00:49:29,640

the girder looking a construction and I

1049

00:49:35,850 --> 00:49:32,470

studied that video for quite a while

1050

00:49:37,890 --> 00:49:35,860

and I realized you know what these

1051
00:49:40,140 --> 00:49:37,900
things are actual this is not a doctor

1052
00:49:42,840 --> 00:49:40,150
this isn't doctored footage okay it was

1053
00:49:44,910 --> 00:49:42,850
in the 50s long before there was

1054
00:49:47,510 --> 00:49:44,920
actually the ability to doctor footage

1055
00:49:50,600 --> 00:49:47,520
in any kind of convincing way um and

1056
00:49:54,330 --> 00:49:50,610
when I looked at this footage I realized

1057
00:49:56,940 --> 00:49:54,340
those silver objects are brilliantly lit

1058
00:49:58,410 --> 00:49:56,950
so it could be that they're reflecting

1059
00:50:00,000 --> 00:49:58,420
the Sun or they're generating your own

1060
00:50:02,010 --> 00:50:00,010
light now if they were generating your

1061
00:50:03,660 --> 00:50:02,020
own light I figured well they had to be

1062
00:50:07,530 --> 00:50:03,670
something like possibly a meteorite

1063
00:50:09,840 --> 00:50:07,540

coming in but it was missing something

1064

00:50:14,340 --> 00:50:09,850

meteors like that you can see during the

1065

00:50:15,660 --> 00:50:14,350

day are big and they're also are doing

1066

00:50:18,000 --> 00:50:15,670

something called a blading they're

1067

00:50:20,220 --> 00:50:18,010

actually losing parts of themselves and

1068

00:50:23,970 --> 00:50:20,230

they're on fire they're burning shenana

1069

00:50:26,300 --> 00:50:23,980

here right okay right and these weren't

1070

00:50:29,700 --> 00:50:26,310

doing that there was absolutely nothing

1071

00:50:31,860 --> 00:50:29,710

trailing them like you know tiniest

1072

00:50:34,740 --> 00:50:31,870

amount of smoke they leave contrails

1073

00:50:37,050 --> 00:50:34,750

like aircraft they leave contrails in

1074

00:50:38,670 --> 00:50:37,060

the sky and they're they're you know

1075

00:50:40,260 --> 00:50:38,680

they're about you know 78 through a

1076
00:50:43,530 --> 00:50:40,270
hundred miles up possibly you know you

1077
00:50:45,720 --> 00:50:43,540
don't know exactly how high and they

1078
00:50:48,780 --> 00:50:45,730
were moving fairly shallow so meaning

1079
00:50:50,640 --> 00:50:48,790
registry no horizontal I'll go almost so

1080
00:50:52,440 --> 00:50:50,650
technically when you look at that you're

1081
00:50:54,120 --> 00:50:52,450
looking at what could be a meteor that's

1082
00:50:56,040 --> 00:50:54,130
missing the earth and when they do that

1083
00:51:00,120 --> 00:50:56,050
they do uh plate a huge amount of their

1084
00:51:02,160 --> 00:51:00,130
you know mass then lose it to heat and

1085
00:51:03,900 --> 00:51:02,170
dust you see smoke you see even

1086
00:51:06,960 --> 00:51:03,910
particles breaking off all the time

1087
00:51:09,450 --> 00:51:06,970
that's what you see this had nothing

1088
00:51:11,490 --> 00:51:09,460

remotely like that and it wasn't because

1089

00:51:14,010 --> 00:51:11,500

it was a 16 millimeter film that wasn't

1090

00:51:15,750 --> 00:51:14,020

too sensitive it was very very good film

1091

00:51:18,690 --> 00:51:15,760

for that three seconds you saw

1092

00:51:20,430 --> 00:51:18,700

everything and I can't explain this I

1093

00:51:23,070 --> 00:51:20,440

can't explain these two objects that

1094

00:51:24,230 --> 00:51:23,080

move that fast now did I do research as

1095

00:51:25,470 --> 00:51:24,240

to what it could have been of course

1096

00:51:26,970 --> 00:51:25,480

when I

1097

00:51:29,790 --> 00:51:26,980

would I not be I wouldn't be doing my

1098

00:51:31,980 --> 00:51:29,800

diligence if I wasn't there were some

1099

00:51:36,000 --> 00:51:31,990

f-86 super savers that were flying in

1100

00:51:39,270 --> 00:51:36,010

the area that day and f-86s have a very

1101
00:51:41,700 --> 00:51:39,280
shiny skin their silver could have been

1102
00:51:44,670 --> 00:51:41,710
a pair of these planes reflecting the

1103
00:51:47,520 --> 00:51:44,680
sunlight there's a chance except for the

1104
00:51:49,470 --> 00:51:47,530
fact that they were more than 80 miles

1105
00:51:50,820 --> 00:51:49,480
away in a different direction and they

1106
00:51:52,500 --> 00:51:50,830
wouldn't have moved that fast either

1107
00:51:53,760 --> 00:51:52,510
because when you watch that that

1108
00:51:58,440 --> 00:51:53,770
sequence of film

1109
00:52:02,900 --> 00:51:58,450
yeah looks extraordinarily fast I mean

1110
00:52:05,099 --> 00:52:02,910
like we're getting just stupid speed I

1111
00:52:05,820 --> 00:52:05,109
like that like ludicrous speed yeah

1112
00:52:07,590 --> 00:52:05,830
ludicrous

1113
00:52:09,330 --> 00:52:07,600

well not quite - Ludacris we're not

1114

00:52:14,099 --> 00:52:09,340

quite - oh that well yeah yeah we're not

1115

00:52:15,090 --> 00:52:14,109

to plan but nonetheless streaking across

1116

00:52:17,370 --> 00:52:15,100

the sky

1117

00:52:19,680 --> 00:52:17,380

yeah and that's death and what you just

1118

00:52:22,530 --> 00:52:19,690

said that's the thing that that actually

1119

00:52:24,330 --> 00:52:22,540

made me think that this was exciting

1120

00:52:25,859 --> 00:52:24,340

that you know had more - more

1121

00:52:28,470 --> 00:52:25,869

information to give at some point

1122

00:52:30,270 --> 00:52:28,480

because they weren't streaking they were

1123

00:52:32,190 --> 00:52:30,280

actually just pinpoints moving across

1124

00:52:34,200 --> 00:52:32,200

the sky right if they were streaking

1125

00:52:36,570 --> 00:52:34,210

then we could say well they are losing

1126
00:52:37,770 --> 00:52:36,580
some mass they're bleeding some material

1127
00:52:40,140 --> 00:52:37,780
off of them as they're coming into the

1128
00:52:41,640 --> 00:52:40,150
atmosphere maybe it is a meteor but they

1129
00:52:43,770 --> 00:52:41,650
were doing no such thing

1130
00:52:46,710 --> 00:52:43,780
right you know no such thing needs were

1131
00:52:48,660 --> 00:52:46,720
just little pinpoints there was an off

1132
00:52:50,720 --> 00:52:48,670
chance they could have been a reflection

1133
00:52:53,430 --> 00:52:50,730
off those super savers and that

1134
00:52:55,410 --> 00:52:53,440
everybody in the chain of events got all

1135
00:52:57,680 --> 00:52:55,420
the directions wrong and nobody knew

1136
00:53:01,290 --> 00:52:57,690
exactly where the planes were perhaps

1137
00:53:03,660 --> 00:53:01,300
but now you're going into the stupid

1138
00:53:05,700 --> 00:53:03,670

chances like using like stupid speed

1139

00:53:06,840 --> 00:53:05,710

well these are like stupid chances right

1140

00:53:10,590 --> 00:53:06,850

what are the chances that that's going

1141

00:53:13,470 --> 00:53:10,600

to be happening you know it's not very

1142

00:53:15,960 --> 00:53:13,480

likely that that so many people in the

1143

00:53:17,760 --> 00:53:15,970

chain of command from the people that

1144

00:53:20,070 --> 00:53:17,770

launched the Super Sabres and that we're

1145

00:53:23,880 --> 00:53:20,080

monitoring them at the control powers

1146

00:53:25,950 --> 00:53:23,890

will all have wrong information now one

1147

00:53:31,980 --> 00:53:25,960

of the and one of the things that I

1148

00:53:33,570 --> 00:53:31,990

enjoy about the past is is film that's

1149

00:53:36,359 --> 00:53:33,580

are the most important thing I mean it

1150

00:53:39,280 --> 00:53:36,369

we're talking about film here and today

1151

00:53:40,930 --> 00:53:39,290

with we have an

1152

00:53:43,930 --> 00:53:40,940

the advantage of everybody's got a

1153

00:53:46,680 --> 00:53:43,940

camera now so we have a whole lot of

1154

00:53:49,900 --> 00:53:46,690

images that show up every single day and

1155

00:53:51,520 --> 00:53:49,910

so that's cool too that's a bonus but

1156

00:53:55,630 --> 00:53:51,530

everybody's got Photoshop now

1157

00:53:57,010 --> 00:53:55,640

everybody's got some UFO program some

1158

00:53:59,370 --> 00:53:57,020

app on their phone

1159

00:54:02,560 --> 00:53:59,380

right after you uploaded your image well

1160

00:54:08,530 --> 00:54:02,570

how do you know today do you have the

1161

00:54:10,240 --> 00:54:08,540

ability to look at a JPEG and and you're

1162

00:54:13,510 --> 00:54:10,250

able to tell if it's if it's been

1163

00:54:16,030 --> 00:54:13,520

doctored and messed with yes I can and

1164

00:54:17,860 --> 00:54:16,040

for the most part it works there are

1165

00:54:20,560 --> 00:54:17,870

times when it doesn't work but I won't

1166

00:54:23,860 --> 00:54:20,570

explain that to your open audience right

1167

00:54:25,690 --> 00:54:23,870

you know but I don't want to give them

1168

00:54:27,730 --> 00:54:25,700

you know assistants to fool me but I

1169

00:54:30,420 --> 00:54:27,740

will tell you what I can use I use a

1170

00:54:33,580 --> 00:54:30,430

process where I can actually study the

1171

00:54:37,270 --> 00:54:33,590

compression algorithm that is made on

1172

00:54:40,870 --> 00:54:37,280

the the images that I get that

1173

00:54:42,520 --> 00:54:40,880

compression algorithm will be a telltale

1174

00:54:44,170 --> 00:54:42,530

sign because if you cut and paste

1175

00:54:47,190 --> 00:54:44,180

something in or you have an app that

1176

00:54:50,140 --> 00:54:47,200

does it for you to an existing picture

1177

00:54:52,410 --> 00:54:50,150

then the object that's pasted in using

1178

00:54:55,330 --> 00:54:52,420

this algorithm is going to look so

1179

00:54:57,580 --> 00:54:55,340

unbelievably blatantly different from

1180

00:54:59,950 --> 00:54:57,590

the rest of the picture that you can say

1181

00:55:03,100 --> 00:54:59,960

with some fairly high degree of accuracy

1182

00:55:05,110 --> 00:55:03,110

that it was a cut and paste job and then

1183

00:55:06,070 --> 00:55:05,120

I've seen a bunch of those I use this

1184

00:55:09,040 --> 00:55:06,080

every day

1185

00:55:12,300 --> 00:55:09,050

you know on imagery I may even test

1186

00:55:14,620 --> 00:55:12,310

myself on imagery that I know is real

1187

00:55:16,510 --> 00:55:14,630

too and that is to say images of real

1188

00:55:20,380 --> 00:55:16,520

things right laughter I just see if I

1189

00:55:21,670 --> 00:55:20,390

can find any cases where the real ones

1190

00:55:23,320 --> 00:55:21,680

actually look like they're forged

1191

00:55:24,670 --> 00:55:23,330

because that would be a problem too

1192

00:55:26,320 --> 00:55:24,680

because then I would say that the

1193

00:55:28,840 --> 00:55:26,330

technology just doesn't isn't worth

1194

00:55:30,370 --> 00:55:28,850

anything because if it can give you a

1195

00:55:32,500 --> 00:55:30,380

false positive all the time well that's

1196

00:55:35,500 --> 00:55:32,510

not good and this what this doesn't this

1197

00:55:36,610 --> 00:55:35,510

is actually pretty cut-and-dry I can

1198

00:55:39,100 --> 00:55:36,620

tell you the name of the process it's

1199

00:55:41,470 --> 00:55:39,110

called error level analysis and I know

1200

00:55:43,420 --> 00:55:41,480

that PLA error level analysis is

1201
00:55:46,810 --> 00:55:43,430
something that's somewhat controversial

1202
00:55:50,560 --> 00:55:46,820
but there are ways to if you get the

1203
00:55:52,450 --> 00:55:50,570
JPEG or you get the image file at the

1204
00:55:53,140 --> 00:55:52,460
right time in the process the sequence

1205
00:55:56,170 --> 00:55:53,150
of

1206
00:55:58,630 --> 00:55:56,180
the passing around the internet you can

1207
00:56:00,430 --> 00:55:58,640
make the determination early on before

1208
00:56:01,930 --> 00:56:00,440
too many other changes are made to it

1209
00:56:04,599 --> 00:56:01,940
and then you're golden

1210
00:56:05,920 --> 00:56:04,609
you can access 8:00 with someone right

1211
00:56:08,890 --> 00:56:05,930
now some in community you can actually

1212
00:56:12,039 --> 00:56:08,900
make it clear to people that you kind of

1213
00:56:13,539 --> 00:56:12,049

know what you're thinking here and they

1214

00:56:17,049 --> 00:56:13,549

really won't argue with you too much

1215

00:56:19,599 --> 00:56:17,059

with a when we come back we're going to

1216

00:56:22,960 --> 00:56:19,609

hit a break here in 60 seconds when we

1217

00:56:25,000 --> 00:56:22,970

come back there are a few historical

1218

00:56:28,630 --> 00:56:25,010

things that I want to kind of jump back

1219

00:56:30,670 --> 00:56:28,640

and get your opinions on I do I do want

1220

00:56:34,480 --> 00:56:30,680

to talk about billy meier I don't care

1221

00:56:36,760 --> 00:56:34,490

what your opinion is I have mine and I

1222

00:56:41,559 --> 00:56:36,770

want to jump into that but I also want

1223

00:56:43,569 --> 00:56:41,569

to one of the first things that you and

1224

00:56:48,370 --> 00:56:43,579

I sort of bumped heads on was a

1225

00:56:50,880 --> 00:56:48,380

dragonfly drones and so I want to go

1226

00:56:55,180 --> 00:56:50,890

back and I wanted this label back that

1227

00:56:58,200 --> 00:56:55,190

2007 I want to go back then because your

1228

00:57:02,019 --> 00:56:58,210

breakdown in your analysis of it was uh

1229

00:57:03,819 --> 00:57:02,029

was just a pearl ative it was it was

1230

00:57:08,109 --> 00:57:03,829

right there and it was on point but I

1231

00:57:10,240 --> 00:57:08,119

disagreed with all of it so let's I do

1232

00:57:13,299 --> 00:57:10,250

want to go back and visit those and and

1233

00:57:15,609 --> 00:57:13,309

and and then go go to the present time

1234

00:57:16,960 --> 00:57:15,619

too as well but let's do that it's going

1235

00:57:18,099 --> 00:57:16,970

to be a great conversations and I've

1236

00:57:20,529 --> 00:57:18,109

been looking forward to this for a long

1237

00:57:22,900 --> 00:57:20,539

time or Gil tonight Mark Dantonio

1238

00:57:26,920 --> 00:57:22,910

that's right MUFON photo analysis

1239

00:57:30,130 --> 00:57:26,930

analyst and of course a CGI Pro expert

1240

00:57:32,109 --> 00:57:30,140

astronomer all of that tonight how hi

1241

00:57:34,029 --> 00:57:32,119

Mark Dantonio is here I'm here to be

1242

00:57:36,099 --> 00:57:34,039

Church this is fade to black stay with

1243

00:57:38,760 --> 00:57:36,109

us it's going to be great nothing like a

1244

00:57:53,540 --> 00:57:38,770

Monday on fade to black stay with us

1245

00:57:54,960 --> 00:57:53,550

[Music]

1246

00:58:01,450 --> 00:57:54,970

[Applause]

1247

00:58:04,490 --> 00:58:01,460

[Music]

1248

00:58:07,700 --> 00:58:04,500

this is baby black with Jimmy Church on

1249

00:58:10,930 --> 00:58:07,710

the game changer radio network and K GRA

1250

00:58:14,240 --> 00:58:10,940

the global radio alliance

1251
00:58:17,570 --> 00:58:14,250
this is K GRA digital broadcasting

1252
00:58:28,160 --> 00:58:17,580
station Salt Lake City Utah Van Buren

1253
00:58:29,750 --> 00:58:28,170
Arkansas hi this is Ray sobs here reppin

1254
00:58:33,020 --> 00:58:29,760
the planet and you're listening to my

1255
00:58:35,570 --> 00:58:33,030
good friend Jimmy Church fade to black

1256
00:58:40,160 --> 00:58:35,580
on the game changer network and the kgr

1257
00:58:42,320 --> 00:58:40,170
a digital broadcast station this is Toby

1258
00:58:45,650 --> 00:58:42,330
Kebbell you're listening to Jimmy Church

1259
00:58:48,560 --> 00:58:45,660
radio calm don't know me Jimmy I'm only

1260
00:58:49,100 --> 00:58:48,570
little am Adrian Grenier this is Ari

1261
00:58:53,660 --> 00:58:49,110
Gold

1262
00:58:56,300 --> 00:58:53,670
where the honey brothers loving it honey

1263
00:58:59,000 --> 00:58:56,310

hey I'm Adrian Grenier and I'm Oracle

1264

00:59:04,820 --> 00:58:59,010

where the honey brothers and you listen

1265

00:59:08,810 --> 00:59:04,830

to Jimmy Church revolution ancient life

1266

00:59:11,540 --> 00:59:08,820

oil life-changing the real oil CBB is

1267

00:59:14,210 --> 00:59:11,550

truly ancient life oil from the source

1268

00:59:17,150 --> 00:59:14,220

this oil has no psychoactive effect and

1269

00:59:19,460 --> 00:59:17,160

is also legal in all 50 states when

1270

00:59:21,620 --> 00:59:19,470

you're healthy you're happy the truth

1271

00:59:24,140 --> 00:59:21,630

about this wonderful plant is that it

1272

00:59:27,530 --> 00:59:24,150

wants to give back to mankind life

1273

00:59:30,890 --> 00:59:27,540

longevity and happiness ancient life oil

1274

00:59:33,500 --> 00:59:30,900

are golden gray all organic non-gmo and

1275

00:59:36,050 --> 00:59:33,510

infused with high-quality liquid coconut

1276

00:59:39,800 --> 00:59:36,060

oil it's simple just go to ancient life

1277

00:59:44,290 --> 00:59:39,810

oil calm today that's ancient life oil

1278

00:59:48,830 --> 00:59:44,300

calm the best purest organic and non-gmo

1279

00:59:50,000 --> 00:59:48,840

CBD in the world gobekli tepe the

1280

00:59:51,260 --> 00:59:50,010

statements made regarding these products

1281

00:59:52,520 --> 00:59:51,270

have not been evaluated by the Food and

1282

00:59:53,960 --> 00:59:52,530

Drug Administration these products are

1283

00:59:55,790 --> 00:59:53,970

not intended to diagnose treat cure or

1284

00:59:57,110 --> 00:59:55,800

prevent any disease please consult your

1285

00:59:58,250 --> 00:59:57,120

health care professional about potential

1286

01:00:02,320 --> 00:59:58,260

interactions or other possible

1287

01:00:06,410 --> 01:00:02,330

complications before using any product

1288

01:00:08,870 --> 01:00:06,420

what's up bait or not studio dum loves

1289

01:00:11,150 --> 01:00:08,880

fade the black and the F to be audience

1290

01:00:13,520 --> 01:00:11,160

with so much that they have put together

1291

01:00:17,300 --> 01:00:13,530

the ultimate stereo Bluetooth

1292

01:00:20,540 --> 01:00:17,310

they've done it just for you man check

1293

01:00:23,990 --> 01:00:20,550

this out the studio dome SBB 2 stereo

1294

01:00:27,260 --> 01:00:24,000

system is here it's featuring 2 studio

1295

01:00:29,599 --> 01:00:27,270

boombox to SBB 2 wireless Bluetooth

1296

01:00:32,000 --> 01:00:29,609

speakers pack in its own custom

1297

01:00:34,160 --> 01:00:32,010

hardshell case this studio dome system

1298

01:00:37,010 --> 01:00:34,170

features the very latest in stereo

1299

01:00:40,609 --> 01:00:37,020

bluetooth technology the 2 full range

1300

01:00:42,589 --> 01:00:40,619

boom boxes are in true Wireless stereos

1301
01:00:44,720 --> 01:00:42,599
you've got to hear this kids amazing

1302
01:00:48,710 --> 01:00:44,730
it's just a hundred and twenty nine

1303
01:00:51,740 --> 01:00:48,720
bucks and use the promo code gt-r tws

1304
01:00:54,380 --> 01:00:51,750
and you'll also get free shipping it's

1305
01:00:58,040 --> 01:00:54,390
simple just go to Jimmy Church radio.com

1306
01:00:59,859 --> 01:00:58,050
click on the studio dome banner gobekli

1307
01:01:02,270 --> 01:00:59,869
tepe

1308
01:01:03,950 --> 01:01:02,280
this is Micah Hanks to the graylien

1309
01:01:06,260 --> 01:01:03,960
report and you're listening to jimmy

1310
01:01:08,150 --> 01:01:06,270
church on fade to black across the globe

1311
01:01:11,560 --> 01:01:08,160
on the game-changer radio network and

1312
01:01:19,840 --> 01:01:11,570
the one and only kgr a radio the planet

1313
01:01:34,910 --> 01:01:31,569

[Music]

1314

01:01:37,549 --> 01:01:34,920

all right welcome back bathed black I'm

1315

01:01:41,209 --> 01:01:37,559

your host Amy Church tonight our guest

1316

01:01:42,589 --> 01:01:41,219

is Mark Dantonio this portion of the

1317

01:01:44,599 --> 01:01:42,599

broadcast is brought to you by River

1318

01:01:48,170 --> 01:01:44,609

moon coffee makers of the paid to black

1319

01:01:50,809 --> 01:01:48,180

blend it's dark it's complex its smoky

1320

01:01:53,420 --> 01:01:50,819

let's go to the river moon coffee banner

1321

01:01:56,449 --> 01:01:53,430

over on our site use the promo code F to

1322

01:01:57,769 --> 01:01:56,459

be blend right there in the banner promo

1323

01:02:01,339 --> 01:01:57,779

codes right there and you're going to

1324

01:02:04,219 --> 01:02:01,349

get 15% off of your order today now

1325

01:02:06,979 --> 01:02:04,229

everybody on the bunker cam check this

1326

01:02:09,529 --> 01:02:06,989

out I want to thank Jason quit he sent

1327

01:02:11,690 --> 01:02:09,539

this to me today and just say the number

1328

01:02:13,249 --> 01:02:11,700

23 how cool is that

1329

01:02:16,279 --> 01:02:13,259

is that beautiful that's what I'm

1330

01:02:18,589 --> 01:02:16,289

talking about it's it's heavy too I feel

1331

01:02:20,359 --> 01:02:18,599

it I feel the power going into my chest

1332

01:02:23,029 --> 01:02:20,369

I just got this really cool pendant

1333

01:02:25,759 --> 01:02:23,039

today mark from a Jason quit and died

1334

01:02:27,650 --> 01:02:25,769

and I immediately put it on a chain and

1335

01:02:29,390 --> 01:02:27,660

and I got to tell you man

1336

01:02:36,109 --> 01:02:29,400

I feel pretty distinct at the moment

1337

01:02:38,390 --> 01:02:36,119

looks pretty good so now I had said in

1338

01:02:43,789 --> 01:02:38,400

the in my opening statement tonight that

1339

01:02:47,689 --> 01:02:43,799

a billy meier for me I've got to give

1340

01:02:50,569 --> 01:02:47,699

him credit for opening my eyes and

1341

01:02:52,789 --> 01:02:50,579

taking me down this path because in the

1342

01:02:55,279 --> 01:02:52,799

beginning when I saw his images you know

1343

01:02:57,499 --> 01:02:55,289

very young and and I see the coffee

1344

01:03:00,109 --> 01:02:57,509

table book the famous one right you know

1345

01:03:02,269 --> 01:03:00,119

back in their early 80s and I was like

1346

01:03:04,009 --> 01:03:02,279

holy crap Wow

1347

01:03:06,499 --> 01:03:04,019

right and I flipped it through the you

1348

01:03:08,239 --> 01:03:06,509

know and then of course you know over

1349

01:03:10,789 --> 01:03:08,249

the years the balloon completely

1350

01:03:12,229 --> 01:03:10,799

deflated at least for me and I know that

1351

01:03:15,620 --> 01:03:12,239

there are still supporters out there

1352

01:03:18,529 --> 01:03:15,630

fine if it helps you down this path of

1353

01:03:20,749 --> 01:03:18,539

discovery it opens up your mind to

1354

01:03:24,289 --> 01:03:20,759

things great because that's what it did

1355

01:03:28,130 --> 01:03:24,299

for me but I know now that everything

1356

01:03:31,670 --> 01:03:28,140

that I look at from Billy in it to me in

1357

01:03:35,870 --> 01:03:31,680

my opinion is just a complete hoax now

1358

01:03:37,069 --> 01:03:35,880

you have an in your in your life I know

1359

01:03:40,160 --> 01:03:37,079

that you've looked at these photographs

1360

01:03:43,359 --> 01:03:40,170

how do you think they well I want your

1361

01:03:45,190 --> 01:03:43,369

opinion do they fool you

1362

01:03:47,499 --> 01:03:45,200

know something I'll be honest with you

1363

01:03:50,559 --> 01:03:47,509

I've been into photography and doing for

1364

01:03:52,660 --> 01:03:50,569

photos ever since I was well I'd say

1365

01:03:55,829 --> 01:03:52,670

about nine at age nine I built my first

1366

01:03:58,989 --> 01:03:55,839

camera and built it I used cardboard and

1367

01:04:02,019 --> 01:03:58,999

an old lens and I actually built a

1368

01:04:03,900 --> 01:04:02,029

camera built a film holder learned how

1369

01:04:06,730 --> 01:04:03,910

cameras work starting at age nine

1370

01:04:08,230 --> 01:04:06,740

because I wanted to take Astro photos

1371

01:04:09,910 --> 01:04:08,240

because every time I looked up in the

1372

01:04:12,579 --> 01:04:09,920

sky I felt homesick and I didn't love

1373

01:04:13,900 --> 01:04:12,589

this guy so I'd go out every night it

1374

01:04:15,220 --> 01:04:13,910

was clear and just sit out there and

1375

01:04:18,460 --> 01:04:15,230

just look up and then I want to take

1376

01:04:22,150 --> 01:04:18,470

pictures of it record it so naturally I

1377

01:04:23,559 --> 01:04:22,160

would investigate strange pictures take

1378

01:04:25,720 --> 01:04:23,569

it with other cameras that other people

1379

01:04:30,130 --> 01:04:25,730

have seen and I I came across billy

1380

01:04:34,029 --> 01:04:30,140

meier stuff and when I saw the photos my

1381

01:04:38,140 --> 01:04:34,039

opinion was immediate that is to say I

1382

01:04:40,059 --> 01:04:38,150

recognize bad photos the there was bad

1383

01:04:42,730 --> 01:04:40,069

depth of field he didn't know how to

1384

01:04:44,680 --> 01:04:42,740

focus the camera right so you say okay

1385

01:04:47,339 --> 01:04:44,690

well he's a bad photographer did he

1386

01:04:50,200 --> 01:04:47,349

still take pictures of a ballad thing

1387

01:04:51,789 --> 01:04:50,210

well it depends because you have to look

1388

01:04:54,670 --> 01:04:51,799

at the scale of the objects he was

1389

01:04:58,450 --> 01:04:54,680

showing you he was showing a UFO in full

1390

01:05:00,640 --> 01:04:58,460

sharp focus over a little tiny car and

1391

01:05:03,489 --> 01:05:00,650

the reflections on the car were wrong

1392

01:05:05,859 --> 01:05:03,499

the car wasn't in focus and it

1393

01:05:08,859 --> 01:05:05,869

recognized it as a toy car so I was like

1394

01:05:12,029 --> 01:05:08,869

wait a minute it just this is all this

1395

01:05:15,609 --> 01:05:12,039

is all fakery Billy Meyer was the first

1396

01:05:19,089 --> 01:05:15,619

UFO things I had heard about okay and

1397

01:05:23,019 --> 01:05:19,099

the kid and in time investigating billy

1398

01:05:25,180 --> 01:05:23,029

meier I was just really disheartened -

1399

01:05:27,190 --> 01:05:25,190

thinking bland or this UFO thing it's

1400

01:05:29,289 --> 01:05:27,200

it's all bunch of fakes a bunch of

1401

01:05:31,839 --> 01:05:29,299

hoaxes that's how I was introduced to

1402

01:05:33,489 --> 01:05:31,849

you ethology then but as I started to

1403

01:05:35,279 --> 01:05:33,499

learn is my degree as you knows

1404

01:05:38,400 --> 01:05:35,289

astronomy and my specialty in astronomy

1405

01:05:40,960 --> 01:05:38,410

exoplanets planets around other stars so

1406

01:05:44,410 --> 01:05:40,970

that's my chosen specialty right focus

1407

01:05:46,239 --> 01:05:44,420

so when I consider how many exoplanets

1408

01:05:48,789 --> 01:05:46,249

are when I learned about this and

1409

01:05:51,420 --> 01:05:48,799

starting it actually way up in 1988 when

1410

01:05:56,080 --> 01:05:51,430

the first one was a mouse I felt that

1411

01:05:58,960 --> 01:05:56,090

you know guys like Myer I don't lie

1412

01:06:01,840 --> 01:05:58,970

say that the guy is a total lunatic what

1413

01:06:04,720 --> 01:06:01,850

i do want to say is he's caught up in

1414

01:06:10,090 --> 01:06:04,730

the drama and he's caught up in the

1415

01:06:12,070 --> 01:06:10,100

adulation and the celebrity crush yes he

1416

01:06:14,500 --> 01:06:12,080

has a celebrity status complex I think

1417

01:06:17,950 --> 01:06:14,510

he may have actually seen something in

1418

01:06:20,020 --> 01:06:17,960

his life at one point he might have but

1419

01:06:21,250 --> 01:06:20,030

when the gravy train stopped he had to

1420

01:06:23,980 --> 01:06:21,260

keep it going somehow

1421

01:06:25,960 --> 01:06:23,990

so he took screen captures from a Dean

1422

01:06:28,240 --> 01:06:25,970

Martin special and put the girl called

1423

01:06:30,400 --> 01:06:28,250

them aliens you know I hope no one would

1424

01:06:33,700 --> 01:06:30,410

catch him they did you know and he had

1425

01:06:36,610 --> 01:06:33,710

other explanations for it he built a UFO

1426

01:06:38,590 --> 01:06:36,620

called the wedding cake UFO in my

1427

01:06:40,240 --> 01:06:38,600

opinion out of with the base of it's

1428

01:06:43,120 --> 01:06:40,250

literally the top of one of the storage

1429

01:06:45,240 --> 01:06:43,130

barrels from his barn and I have a photo

1430

01:06:49,360 --> 01:06:45,250

of the storage barrels in his barn and

1431

01:06:51,040 --> 01:06:49,370

the top cover is identical to the bottom

1432

01:06:54,850 --> 01:06:51,050

of the wedding cake UFO which gave me a

1433

01:06:56,890 --> 01:06:54,860

scale for the UFO then he has a photo of

1434

01:07:01,300 --> 01:06:56,900

that wedding cake UFO in front of his

1435

01:07:03,280 --> 01:07:01,310

house and if you ever tried to take you

1436

01:07:05,110 --> 01:07:03,290

outside and take a photo of your car in

1437

01:07:07,330 --> 01:07:05,120

your driveway okay in front of your

1438

01:07:09,070 --> 01:07:07,340

house what are the chances that they the

1439

01:07:12,820 --> 01:07:09,080

car will be in focus in the house won't

1440

01:07:14,350 --> 01:07:12,830

be there really slim because you have to

1441

01:07:17,410 --> 01:07:14,360

get far enough away from the car to put

1442

01:07:20,260 --> 01:07:17,420

it all in the NIA field of view if you

1443

01:07:22,090 --> 01:07:20,270

take a photo with a telephoto lens then

1444

01:07:24,370 --> 01:07:22,100

you can get that effect easily but

1445

01:07:27,070 --> 01:07:24,380

that's not what Billy was using he took

1446

01:07:28,870 --> 01:07:27,080

a regular little camera took the picture

1447

01:07:31,780 --> 01:07:28,880

and the house should have been in

1448

01:07:35,770 --> 01:07:31,790

perfect focus as well as the UFO and it

1449

01:07:38,110 --> 01:07:35,780

was not and that told me that what I was

1450

01:07:40,630 --> 01:07:38,120

looking at was consistent that's a

1451

01:07:42,340 --> 01:07:40,640

favorite word of mine consistent no

1452

01:07:46,000 --> 01:07:42,350

exotic pronouncement it's a consistency

1453

01:07:48,430 --> 01:07:46,010

it was consistent with this object being

1454

01:07:54,040 --> 01:07:48,440

the size of the top of a utility barrel

1455

01:07:56,770 --> 01:07:54,050

as a base scale and so even that you

1456

01:08:00,760 --> 01:07:56,780

know I could not I just couldn't deal

1457

01:08:01,870 --> 01:08:00,770

with it and if you look at the UFO the

1458

01:08:04,420 --> 01:08:01,880

aliens must have been really bad

1459

01:08:05,650 --> 01:08:04,430

assemblers because the little round

1460

01:08:08,140 --> 01:08:05,660

things going all the way around this

1461

01:08:09,730 --> 01:08:08,150

wedding-cake UFO we're not in this

1462

01:08:12,220 --> 01:08:09,740

perfectly straight line they're kind of

1463

01:08:14,650 --> 01:08:12,230

a little bit I noticed that too I notice

1464

01:08:16,480 --> 01:08:14,660

that you go back well when you first

1465

01:08:19,720 --> 01:08:16,490

look at it because it's crisping clear

1466

01:08:21,490 --> 01:08:19,730

and it's in focus and it's in it's in

1467

01:08:23,980 --> 01:08:21,500

the you know it's in the front of the

1468

01:08:26,349 --> 01:08:23,990

photograph so it dominates your your

1469

01:08:28,780 --> 01:08:26,359

vision and what you're looking at and so

1470

01:08:31,809 --> 01:08:28,790

it's impressive but you go back and you

1471

01:08:34,059 --> 01:08:31,819

just really really look at this and and

1472

01:08:37,150 --> 01:08:34,069

I noticed that the Christmas ornaments

1473

01:08:40,090 --> 01:08:37,160

or whatever he used for them we're not

1474

01:08:42,490 --> 01:08:40,100

we're not perfect now if you're going to

1475

01:08:45,789 --> 01:08:42,500

build some interstellar spacecraft right

1476

01:08:48,190 --> 01:08:45,799

I'm assuming your christmas balls are

1477

01:08:51,249 --> 01:08:48,200

going to be in alignment if it was at

1478

01:08:54,010 --> 01:08:51,259

full scale if this thing was 60 foot in

1479

01:08:55,930 --> 01:08:54,020

diameter then the alignment of that

1480

01:08:58,570 --> 01:08:55,940

stuff is really good but if it's really

1481

01:09:00,519 --> 01:08:58,580

really small and the alignment is off by

1482

01:09:02,440 --> 01:09:00,529

just a little bit little bit fractions

1483

01:09:03,880 --> 01:09:02,450

of an inch it's going to be really

1484

01:09:06,280 --> 01:09:03,890

apparent of the photograph and that's

1485

01:09:08,110 --> 01:09:06,290

exactly what we were seeing there yeah

1486

01:09:10,450 --> 01:09:08,120

or if you're an older guy that wears

1487

01:09:13,210 --> 01:09:10,460

reading glasses too and you try to

1488

01:09:15,430 --> 01:09:13,220

assemble something with one arm eat with

1489

01:09:17,590 --> 01:09:15,440

worm okay that's it that's the thing

1490

01:09:19,269 --> 01:09:17,600

that people always say he has one arm

1491

01:09:23,050 --> 01:09:19,279

how could he possibly hoax this stuff

1492

01:09:26,230 --> 01:09:23,060

and I go seriously yes are you kidding

1493

01:09:28,150 --> 01:09:26,240

me I mean just over two years ago Jimmy

1494

01:09:31,030 --> 01:09:28,160

I was at quadriplegic and I was blind

1495

01:09:34,180 --> 01:09:31,040

those are facts okay I had to have

1496

01:09:35,620 --> 01:09:34,190

surgery to save my life and there's a

1497

01:09:37,090 --> 01:09:35,630

clot that got away from the surgeon and

1498

01:09:38,650 --> 01:09:37,100

went to the brain and I had six strokes

1499

01:09:40,809 --> 01:09:38,660

in the operating table I was a

1500

01:09:42,340 --> 01:09:40,819

quadriplegic and I was blind I figured

1501

01:09:43,599 --> 01:09:42,350

I'll never do models again I figured

1502

01:09:44,950 --> 01:09:43,609

I'll never be able to go to talks again

1503

01:09:48,340 --> 01:09:44,960

nothing worked

1504

01:09:50,349 --> 01:09:48,350

all right well it took a couple of

1505

01:09:52,450 --> 01:09:50,359

months of really intensive

1506

01:09:56,260 --> 01:09:52,460

rehabilitation and I learn something I

1507

01:09:58,540 --> 01:09:56,270

learned that no matter what happens

1508

01:10:00,700 --> 01:09:58,550

you'll figure out a way to do something

1509

01:10:03,820 --> 01:10:00,710

how do I know because I had to do it

1510

01:10:05,860 --> 01:10:03,830

right you know my legs didn't work but

1511

01:10:07,900 --> 01:10:05,870

my arms started to work so I said okay

1512

01:10:10,840 --> 01:10:07,910

I'm happy I'm not a quadriplegic I'm a

1513

01:10:12,610 --> 01:10:10,850

paraplegic there's literally little

1514

01:10:16,630 --> 01:10:12,620

victories right of course little

1515

01:10:17,980 --> 01:10:16,640

victories and then uh you know you get

1516

01:10:19,600 --> 01:10:17,990

that you get at a point where you feel

1517

01:10:22,000 --> 01:10:19,610

sorry for some oh I can't do this again

1518

01:10:23,440 --> 01:10:22,010

today I know I and Billy's thinking and

1519

01:10:25,240 --> 01:10:23,450

Billy's thinking is probably

1520

01:10:26,530 --> 01:10:25,250

I have one arm so they'll never expect

1521

01:10:30,160 --> 01:10:26,540

that I could do this but I know how to

1522

01:10:32,440 --> 01:10:30,170

do this I just work slower and I'll just

1523

01:10:34,810 --> 01:10:32,450

use I have utility items that will help

1524

01:10:36,550 --> 01:10:34,820

me hold things I mean I was planning

1525

01:10:38,620 --> 01:10:36,560

that in my head for how I was going to

1526

01:10:41,650 --> 01:10:38,630

continue making models and they had it

1527

01:10:43,240 --> 01:10:41,660

all worked out that you know if I my my

1528

01:10:44,560 --> 01:10:43,250

right arm came back first my left arm

1529

01:10:47,260 --> 01:10:44,570

head and I said okay if I get my right

1530

01:10:47,980 --> 01:10:47,270

arm I don't care about the left arm I

1531

01:10:50,800 --> 01:10:47,990

can live with this

1532

01:10:52,390 --> 01:10:50,810

and I I can figure out ways to make up

1533

01:10:54,750 --> 01:10:52,400

you know hold things in place so I can

1534

01:10:57,460 --> 01:10:54,760

do special no gluing so I can do that

1535

01:10:59,860 --> 01:10:57,470

all right now you look at what he

1536

01:11:03,330 --> 01:10:59,870

assembles in his spacecraft for instance

1537

01:11:05,590 --> 01:11:03,340

and you see billy meier a one-armed guy

1538

01:11:07,690 --> 01:11:05,600

probably using some type of helpful

1539

01:11:10,420 --> 01:11:07,700

items to help him study things to glue

1540

01:11:14,800 --> 01:11:10,430

them on and as we saw he didn't get it

1541

01:11:17,470 --> 01:11:14,810

perfectly right as expected and it's

1542

01:11:19,750 --> 01:11:17,480

okay you know I mean he opened your eyes

1543

01:11:23,170 --> 01:11:19,760

he open a lot of people's eyes but then

1544

01:11:27,100 --> 01:11:23,180

he took it down a path that just was was

1545

01:11:30,970 --> 01:11:27,110

not good you know what I mean the the

1546

01:11:34,030 --> 01:11:30,980

other part with Billy that for me is I

1547

01:11:36,880 --> 01:11:34,040

don't get how the publishers of those

1548

01:11:42,280 --> 01:11:36,890

books of which were extreme and they

1549

01:11:44,200 --> 01:11:42,290

were selling Lots shows to ignore the

1550

01:11:46,300 --> 01:11:44,210

the other part of it and which was

1551
01:11:48,040 --> 01:11:46,310
investigating this and how are we

1552
01:11:51,040 --> 01:11:48,050
putting out stuff that we can stand

1553
01:11:52,750 --> 01:11:51,050
behind and that and again it goes to the

1554
01:11:55,090 --> 01:11:52,760
television productions that were going

1555
01:11:58,000 --> 01:11:55,100
on and everything else everybody just

1556
01:12:00,400 --> 01:11:58,010
wanted to turn the other way why why do

1557
01:12:02,610 --> 01:12:00,410
you think that was would is it just

1558
01:12:05,380 --> 01:12:02,620
because it was a money thing you know I

1559
01:12:07,830 --> 01:12:05,390
gonna tell you answers your question

1560
01:12:10,150 --> 01:12:07,840
while phrasing your question you said

1561
01:12:12,160 --> 01:12:10,160
all the books are out there and they

1562
01:12:13,390 --> 01:12:12,170
were selling like hotcakes basically and

1563
01:12:17,170 --> 01:12:13,400

that's that you got to stop right there

1564

01:12:20,740 --> 01:12:17,180

because but that's the reason the dollar

1565

01:12:22,780 --> 01:12:20,750

and money in an in an industry where

1566

01:12:25,330 --> 01:12:22,790

people know that they're hot today and

1567

01:12:27,190 --> 01:12:25,340

cold tomorrow perhaps they got to get it

1568

01:12:28,330 --> 01:12:27,200

while we can you know that that kind of

1569

01:12:29,980 --> 01:12:28,340

thing is out there that kind of

1570

01:12:32,380 --> 01:12:29,990

mentality is out there in this arena I

1571

01:12:34,450 --> 01:12:32,390

could care less you know for me I could

1572

01:12:35,890 --> 01:12:34,460

care less you know I don't care who's

1573

01:12:37,030 --> 01:12:35,900

saying what I say as long as that's

1574

01:12:38,950 --> 01:12:37,040

being said

1575

01:12:42,010 --> 01:12:38,960

you know that the but the thing is when

1576

01:12:44,740 --> 01:12:42,020

you look at publishers and people that

1577

01:12:46,150 --> 01:12:44,750

lose TV shows they're looking for when a

1578

01:12:47,860 --> 01:12:46,160

guy says hey I want to put you on a TV

1579

01:12:50,740 --> 01:12:47,870

show here's what they're really saying I

1580

01:12:53,320 --> 01:12:50,750

think you can draw in people to bring in

1581

01:12:55,330 --> 01:12:53,330

ratings to have our advertisers buy or

1582

01:12:57,640 --> 01:12:55,340

have our advertisers buy space because

1583

01:12:59,800 --> 01:12:57,650

we'll be will be good for the clientele

1584

01:13:02,140 --> 01:12:59,810

we'll get lots of ad dollars out of you

1585

01:13:04,210 --> 01:13:02,150

that's what they're saying yeah you know

1586

01:13:07,240 --> 01:13:04,220

now I'm in the TV and film industry and

1587

01:13:10,060 --> 01:13:07,250

obviously with with Doug and you know

1588

01:13:12,310 --> 01:13:10,070

this is what happens and this is

1589

01:13:14,890 --> 01:13:12,320

actually particularly one of the reasons

1590

01:13:16,360 --> 01:13:14,900

why you know Doug is no longer directly

1591

01:13:18,850 --> 01:13:16,370

in the film industry he doesn't wanna do

1592

01:13:20,590 --> 01:13:18,860

it anymore because of this there's a

1593

01:13:22,090 --> 01:13:20,600

zone thing and have our own little skunk

1594

01:13:25,630 --> 01:13:22,100

works that we're working on up there

1595

01:13:27,100 --> 01:13:25,640

but the point is that it's all about

1596

01:13:28,390 --> 01:13:27,110

advertising dollars it's all about

1597

01:13:32,110 --> 01:13:28,400

bringing in money it's all about driving

1598

01:13:33,820 --> 01:13:32,120

revenue the talent is secondary yeah all

1599

01:13:35,590 --> 01:13:33,830

they care about is is he a draw what's

1600

01:13:37,990 --> 01:13:35,600

his name I don't care Jay draw he is

1601
01:13:39,520 --> 01:13:38,000
okay come on wow that's step that's

1602
01:13:41,740 --> 01:13:39,530
right at the top what they think right

1603
01:13:44,230 --> 01:13:41,750
yeah that was the bottom you're singing

1604
01:13:46,960 --> 01:13:44,240
wow I got a great opportunity and you do

1605
01:13:50,470 --> 01:13:46,970
when you interface with people real

1606
01:13:51,790 --> 01:13:50,480
people you know and I like interfacing

1607
01:13:53,890 --> 01:13:51,800
with real people and hearing real

1608
01:13:55,750 --> 01:13:53,900
conversation doing real talking real

1609
01:13:57,370 --> 01:13:55,760
investigation mm-hm

1610
01:14:01,150 --> 01:13:57,380
you know I don't like to fake it I never

1611
01:14:03,430 --> 01:14:01,160
faked it okay that was a lie I just back

1612
01:14:05,920 --> 01:14:03,440
up for a National Geographic special I

1613
01:14:07,840 --> 01:14:05,930

did create a hoax and I'm admitting that

1614

01:14:10,300 --> 01:14:07,850

on your on your channel

1615

01:14:12,870 --> 01:14:10,310

however it was part of the show I

1616

01:14:14,950 --> 01:14:12,880

created a hoax so that I could show that

1617

01:14:17,830 --> 01:14:14,960

upcoming technology could fool people

1618

01:14:19,630 --> 01:14:17,840

into thinking there were UFOs and this

1619

01:14:22,720 --> 01:14:19,640

was when drones were just becoming an

1620

01:14:25,360 --> 01:14:22,730

item we actually made one and create one

1621

01:14:27,190 --> 01:14:25,370

here and put lights all over it fluid

1622

01:14:28,930 --> 01:14:27,200

the winter sky it was surrounded by snow

1623

01:14:29,320 --> 01:14:28,940

it looked like a UFO coming in for a

1624

01:14:31,570 --> 01:14:29,330

landing

1625

01:14:34,510 --> 01:14:31,580

it got all kinds of people crazy at a

1626

01:14:36,490 --> 01:14:34,520

local mall and there was a film crew out

1627

01:14:38,080 --> 01:14:36,500

in the parking lot filming people's

1628

01:14:40,510 --> 01:14:38,090

reactions all over the place sometimes

1629

01:14:42,700 --> 01:14:40,520

surreptitiously and it was just as

1630

01:14:44,500 --> 01:14:42,710

expected Wow didn't bill know look

1631

01:14:46,150 --> 01:14:44,510

what's happening this is crazy you know

1632

01:14:47,830 --> 01:14:46,160

and then some people said oh it's from

1633

01:14:50,859 --> 01:14:47,840

the hobby shop they're flying some new

1634

01:14:52,660 --> 01:14:50,869

kind of toy but the the

1635

01:14:54,850 --> 01:14:52,670

operative word was new you know they

1636

01:14:56,050 --> 01:14:54,860

knew that they were knowledgeable enough

1637

01:14:59,200 --> 01:14:56,060

to know that something new was coming

1638

01:15:00,760 --> 01:14:59,210

most people aren't so with me aware that

1639

01:15:04,000 --> 01:15:00,770

new technology can flow through so

1640

01:15:06,520 --> 01:15:04,010

there's that aspect of it too so I did

1641

01:15:08,770 --> 01:15:06,530

lie when I said I don't hoax think I do

1642

01:15:09,370 --> 01:15:08,780

for a purpose but only for that I'm only

1643

01:15:11,979 --> 01:15:09,380

done it once

1644

01:15:14,410 --> 01:15:11,989

do you think you could I want to get on

1645

01:15:17,200 --> 01:15:14,420

to Rex Heflin here so we're going to do

1646

01:15:19,810 --> 01:15:17,210

that next but do you think you could I

1647

01:15:20,379 --> 01:15:19,820

think you could be eaten could you fool

1648

01:15:24,520 --> 01:15:20,389

us

1649

01:15:26,320 --> 01:15:24,530

I mean fool your friends fool the pros

1650

01:15:29,200 --> 01:15:26,330

out there could you put together either

1651

01:15:31,839 --> 01:15:29,210

an image or a video that would

1652

01:15:37,000 --> 01:15:31,849

absolutely fool everybody a move on

1653

01:15:38,979 --> 01:15:37,010

everybody and convince you know what

1654

01:15:40,109 --> 01:15:38,989

I've actually thought about that you

1655

01:15:43,839 --> 01:15:40,119

know I thought about you know whether

1656

01:15:45,430 --> 01:15:43,849

whether my background is strong enough

1657

01:15:49,240 --> 01:15:45,440

that I would actually be able to fool

1658

01:15:50,830 --> 01:15:49,250

myself mm-hmm okay if I gave this an

1659

01:15:52,300 --> 01:15:50,840

image I created if somebody else had

1660

01:15:54,669 --> 01:15:52,310

them do something out of that I did see

1661

01:15:56,320 --> 01:15:54,679

and then it gets resubmitted to me in a

1662

01:15:58,359 --> 01:15:56,330

different context what I actually

1663

01:16:01,780 --> 01:15:58,369

recognize it as my work what I recognize

1664

01:16:03,430 --> 01:16:01,790

it is something I've done and I'm happy

1665

01:16:06,339 --> 01:16:03,440

to say that I'm not sure I could I mean

1666

01:16:10,689 --> 01:16:06,349

that's a I'm not sure I'd recognize it

1667

01:16:13,649 --> 01:16:10,699

as my own however I tend to be able to

1668

01:16:16,390 --> 01:16:13,659

recognize some CG stuff not not always

1669

01:16:18,939 --> 01:16:16,400

you know you sent me a photo analyze

1670

01:16:19,390 --> 01:16:18,949

Mount Adams read there were these birds

1671

01:16:22,450 --> 01:16:19,400

in the sky

1672

01:16:23,560 --> 01:16:22,460

yep it was appear to be bird yep and the

1673

01:16:25,930 --> 01:16:23,570

first thing I did was I put it through

1674

01:16:28,959 --> 01:16:25,940

an ela process and I noticed that the

1675

01:16:31,439 --> 01:16:28,969

ela process they they looked relatively

1676

01:16:34,149 --> 01:16:31,449

like the other things in the frame so

1677

01:16:38,109 --> 01:16:34,159

the ela didn't give me information it

1678

01:16:41,859 --> 01:16:38,119

didn't say a fake or real it's just it

1679

01:16:43,450 --> 01:16:41,869

was sort of a neutral finding so and

1680

01:16:45,550 --> 01:16:43,460

there's a reason for that that has to do

1681

01:16:50,790 --> 01:16:45,560

with the way the picture was stored but

1682

01:16:53,830 --> 01:16:50,800

that said you know I'm not infallible I

1683

01:16:55,890 --> 01:16:53,840

can make mistakes and I'm happy to make

1684

01:16:58,479 --> 01:16:55,900

mistakes as long as I learn from them so

1685

01:16:59,890 --> 01:16:58,489

can i kind of fool myself could actually

1686

01:17:01,899 --> 01:16:59,900

make a picture that someone else out

1687

01:17:04,270 --> 01:17:01,909

there doing the stuff I do could could

1688

01:17:07,390 --> 01:17:04,280

be fooled by yeah

1689

01:17:09,700 --> 01:17:07,400

I could but it won't last because if

1690

01:17:12,310 --> 01:17:09,710

they're tenacious like I am then they'll

1691

01:17:14,740 --> 01:17:12,320

keep coming back at it and try to see

1692

01:17:16,720 --> 01:17:14,750

you know why did this fool me

1693

01:17:19,150 --> 01:17:16,730

is this real and then they might find

1694

01:17:21,420 --> 01:17:19,160

the [h__\h] in my armor group know that I

1695

01:17:24,790 --> 01:17:21,430

use for that particular image or video

1696

01:17:25,960 --> 01:17:24,800

and I make these things you know here's

1697

01:17:29,800 --> 01:17:25,970

the other thing too I'll just tell you

1698

01:17:31,930 --> 01:17:29,810

real fast when I get a case I look at

1699

01:17:34,210 --> 01:17:31,940

the image or I look at the video the

1700

01:17:36,340 --> 01:17:34,220

first thing I think about is if I were

1701

01:17:39,190 --> 01:17:36,350

to create that how would I do it and

1702

01:17:41,740 --> 01:17:39,200

then I do it right I recreate it right

1703

01:17:43,270 --> 01:17:41,750

not really I have recreated imagery that

1704

01:17:46,900 --> 01:17:43,280

I've done where I got a image of this

1705

01:17:49,420 --> 01:17:46,910

blue orb thing that someone submitted to

1706

01:17:51,910 --> 01:17:49,430

move on and I looked at it and I

1707

01:17:55,360 --> 01:17:51,920

recognized the internal reflection

1708

01:17:58,000 --> 01:17:55,370

inside and I said I think I know what

1709

01:17:59,920 --> 01:17:58,010

this is I went into my little secret

1710

01:18:02,290 --> 01:17:59,930

laboratory here otherwise that was my

1711

01:18:04,270 --> 01:18:02,300

special effect shot pulled out a few

1712

01:18:07,570 --> 01:18:04,280

things attached a few things got out of

1713

01:18:11,380 --> 01:18:07,580

breadboard wired up a quick circuit and

1714

01:18:15,790 --> 01:18:11,390

I took a photograph of a blue LED from

1715

01:18:19,000 --> 01:18:15,800

the top at various brightnesses and what

1716

01:18:22,600 --> 01:18:19,010

I noticed was I got not just close but I

1717

01:18:26,200 --> 01:18:22,610

got exactly the same result as the

1718

01:18:29,530 --> 01:18:26,210

submitted photo so I basically said I

1719

01:18:31,470 --> 01:18:29,540

believe it's probably likely a hoax I

1720

01:18:34,930 --> 01:18:31,480

don't say it is I said likely a hoax

1721

01:18:38,020 --> 01:18:34,940

because this is almost identical to a

1722

01:18:39,790 --> 01:18:38,030

blue LED and you can even see you on the

1723

01:18:41,260 --> 01:18:39,800

outside the little the little flange at

1724

01:18:42,760 --> 01:18:41,270

the bottom of LED where you know the

1725

01:18:44,830 --> 01:18:42,770

stop that holds it in place when you

1726

01:18:47,470 --> 01:18:44,840

push it into a hole of its size right

1727

01:18:50,830 --> 01:18:47,480

and I said that was even there in the

1728

01:18:53,650 --> 01:18:50,840

image very very faintly it's all the

1729

01:18:55,960 --> 01:18:53,660

hole from the breadboard was the image

1730

01:18:57,580 --> 01:18:55,970

well that's not no no no not the hole

1731

01:18:59,320 --> 01:18:57,590

from the breadboard the actual little

1732

01:19:01,300 --> 01:18:59,330

flange around the base of the LED oh

1733

01:19:02,590 --> 01:19:01,310

yeah it's like that where I stopped we

1734

01:19:04,210 --> 01:19:02,600

definitely put into a hole that that

1735

01:19:07,690 --> 01:19:04,220

keeps it from coming through right and

1736

01:19:09,370 --> 01:19:07,700

and that was there very faintly and but

1737

01:19:11,770 --> 01:19:09,380

I didn't make any judgments on it until

1738

01:19:13,420 --> 01:19:11,780

I actually saw the result so when I see

1739

01:19:15,820 --> 01:19:13,430

something I try to recreate it now if I

1740

01:19:17,739 --> 01:19:15,830

can't recreate it it doesn't mean that

1741

01:19:21,339 --> 01:19:17,749

it's

1742

01:19:22,719 --> 01:19:21,349

no real it doesn't mean that you know it

1743

01:19:24,669 --> 01:19:22,729

can't be recreated it just means that I

1744

01:19:27,159 --> 01:19:24,679

couldn't do it and it's only a first

1745

01:19:31,959 --> 01:19:27,169

step for me to try and kind of get into

1746

01:19:33,579 --> 01:19:31,969

the spirit of what that image might show

1747

01:19:36,939 --> 01:19:33,589

or the video what that image might show

1748

01:19:39,429 --> 01:19:36,949

and that has that kind of led me into

1749

01:19:41,829 --> 01:19:39,439

and this I started that years ago and

1750

01:19:43,329 --> 01:19:41,839

that kind of led me into taking my model

1751

01:19:45,669 --> 01:19:43,339

making business kind of more into the

1752

01:19:47,919 --> 01:19:45,679

visual effects realm because I learned

1753

01:19:49,899 --> 01:19:47,929

you know very quickly how to recreate

1754

01:19:52,749 --> 01:19:49,909

certain effects just with light or just

1755

01:19:55,809 --> 01:19:52,759

with a difference in materials and just

1756

01:19:59,769 --> 01:19:55,819

with paint and stuff like that so I

1757

01:20:01,959 --> 01:19:59,779

ended up being able to alter my personal

1758

01:20:04,989 --> 01:20:01,969

business I did it all to my personal

1759

01:20:06,999 --> 01:20:04,999

business through do a full investigation

1760

01:20:10,269 --> 01:20:07,009

and trying to recreate things I just

1761

01:20:13,059 --> 01:20:10,279

have a mine today I have to disassemble

1762

01:20:15,339 --> 01:20:13,069

a sighting and I love it when I don't

1763

01:20:16,539 --> 01:20:15,349

understand what I'm seeing I absolutely

1764

01:20:19,209 --> 01:20:16,549

love when they don't understand what I'm

1765

01:20:22,029 --> 01:20:19,219

seeing and if I decipher it and then I'm

1766

01:20:23,979 --> 01:20:22,039

told yeah that's what it was then I feel

1767

01:20:26,649 --> 01:20:23,989

vindicated and sad at the same time it's

1768

01:20:28,869 --> 01:20:26,659

really a strange double-edged sword yeah

1769

01:20:30,249 --> 01:20:28,879

me and Tanya well what I want to tell

1770

01:20:34,869 --> 01:20:30,259

everybody what happened

1771

01:20:37,989 --> 01:20:34,879

so I sent I said mark a shot of that

1772

01:20:40,479 --> 01:20:37,999

Rita had took of me standing in front of

1773

01:20:43,389 --> 01:20:40,489

Mount Adams and above me you can clearly

1774

01:20:45,009 --> 01:20:43,399

see a bird off to the right its word but

1775

01:20:47,619 --> 01:20:45,019

and then off in the other direction

1776

01:20:50,079 --> 01:20:47,629

above me to the left was something that

1777

01:20:52,389 --> 01:20:50,089

was a little more Square and horizontal

1778

01:20:54,099 --> 01:20:52,399

and and squared off and Reed was like

1779

01:20:56,619 --> 01:20:54,109

what do you think this is I said you

1780

01:20:58,299 --> 01:20:56,629

know what hold on I'm gonna send this to

1781

01:20:59,679 --> 01:20:58,309

mark so I sent it to mark I don't give

1782

01:21:03,539 --> 01:20:59,689

him any information I said what do you

1783

01:21:06,729 --> 01:21:03,549

think that he hits me back it's a blood

1784

01:21:07,419 --> 01:21:06,739

so that that picture did not get

1785

01:21:09,519 --> 01:21:07,429

published

1786

01:21:10,929 --> 01:21:09,529

there was no crazy client reagent you

1787

01:21:13,179 --> 01:21:10,939

know it was something that was there

1788

01:21:15,999 --> 01:21:13,189

that looked a little strange but we sent

1789

01:21:16,359 --> 01:21:16,009

to you you know I'm sorry I can tell you

1790

01:21:18,099 --> 01:21:16,369

though

1791

01:21:19,359 --> 01:21:18,109

why it had that little squares look and

1792

01:21:22,959 --> 01:21:19,369

I don't think I told you that at the

1793

01:21:25,689 --> 01:21:22,969

time um it was a very small image a very

1794

01:21:28,829 --> 01:21:25,699

small object next to the bigger object

1795

01:21:31,120 --> 01:21:28,839

remember that yes right smaller well

1796

01:21:33,700 --> 01:21:31,130

sometimes the way

1797

01:21:35,649 --> 01:21:33,710

you JPEG files get compressed alright

1798

01:21:39,490 --> 01:21:35,659

because all JPEGs are what's called

1799

01:21:41,050 --> 01:21:39,500

lossy compression they lose data in

1800

01:21:44,439 --> 01:21:41,060

order to compress and make them more

1801
01:21:46,450 --> 01:21:44,449
reasonable size and we take a video each

1802
01:21:50,020 --> 01:21:46,460
frame in the video is also similarly

1803
01:21:53,080 --> 01:21:50,030
compressed with the algorithm so you

1804
01:21:55,030 --> 01:21:53,090
know you don't ever get a true fact

1805
01:21:56,860 --> 01:21:55,040
simile of what actually transpired you

1806
01:21:59,410 --> 01:21:56,870
only get a video that's had been that's

1807
01:22:02,410 --> 01:21:59,420
been modified usually by the system that

1808
01:22:03,610 --> 01:22:02,420
takes it to compress it so let's stick

1809
01:22:06,910 --> 01:22:03,620
with the image you see the image world

1810
01:22:08,979 --> 01:22:06,920
when the JPEG file gets has compression

1811
01:22:11,459 --> 01:22:08,989
it has a compression algorithm that gets

1812
01:22:15,490 --> 01:22:11,469
activated on the tiniest of pixels and

1813
01:22:17,080 --> 01:22:15,500

it changes the look and you can actually

1814

01:22:19,840 --> 01:22:17,090

get when you zoom in on it you can

1815

01:22:22,060 --> 01:22:19,850

actually see that some of the pixels

1816

01:22:24,100 --> 01:22:22,070

look much more square I'm sorry not the

1817

01:22:27,939 --> 01:22:24,110

pixels the some of the image looks more

1818

01:22:29,800 --> 01:22:27,949

square than it may have because the JPEG

1819

01:22:33,340 --> 01:22:29,810

algorithm is actually making judgments

1820

01:22:35,200 --> 01:22:33,350

on what the value has to be so if it's

1821

01:22:37,300 --> 01:22:35,210

somewhat straight but not quite straight

1822

01:22:38,620 --> 01:22:37,310

and it doesn't line up right with the

1823

01:22:40,750 --> 01:22:38,630

pixels then the JPEG compression

1824

01:22:41,950 --> 01:22:40,760

algorithm is going to actually make it

1825

01:22:45,280 --> 01:22:41,960

look a little different it might make it

1826

01:22:47,410 --> 01:22:45,290

more linear than it was and nowhere is

1827

01:22:50,890 --> 01:22:47,420

that more evident when when people send

1828

01:22:52,899 --> 01:22:50,900

me images of objects they take pictures

1829

01:22:56,439 --> 01:22:52,909

of and they say but if you zoom in

1830

01:22:59,320 --> 01:22:56,449

really far then you can see these

1831

01:23:01,540 --> 01:22:59,330

creatures and they're driving well if

1832

01:23:03,640 --> 01:23:01,550

you zoom in really far you see the JPEG

1833

01:23:06,550 --> 01:23:03,650

compression algorithm results on how its

1834

01:23:08,530 --> 01:23:06,560

handling the picture and then pareidolia

1835

01:23:11,620 --> 01:23:08,540

takes over a period of course is trying

1836

01:23:14,649 --> 01:23:11,630

to see a familiar pattern amongst an

1837

01:23:17,200 --> 01:23:14,659

unfamiliar pattern and when pareidolia

1838

01:23:18,910 --> 01:23:17,210

takes over then that's when people see

1839

01:23:22,629 --> 01:23:18,920

bunnies and clouds that some people see

1840

01:23:24,310 --> 01:23:22,639

you know our face on Mars okay that's

1841

01:23:27,160 --> 01:23:24,320

when people see things that may not be

1842

01:23:29,740 --> 01:23:27,170

there certainly no rabbits in the clouds

1843

01:23:31,950 --> 01:23:29,750

something like that but this is the

1844

01:23:35,500 --> 01:23:31,960

whole point you know we we have to fight

1845

01:23:37,360 --> 01:23:35,510

the human mind okay so to be an analyst

1846

01:23:40,149 --> 01:23:37,370

like this you you have to understand how

1847

01:23:43,020 --> 01:23:40,159

the human mind works and how our brain

1848

01:23:45,000 --> 01:23:43,030

functions with data we don't understand

1849

01:23:46,560 --> 01:23:45,010

so it's almost like

1850

01:23:48,600 --> 01:23:46,570

you can't just no cameras you can't just

1851

01:23:49,950 --> 01:23:48,610

no astronomy you have to know about this

1852

01:23:52,050 --> 01:23:49,960

stuff do we have to know about earth

1853

01:23:53,310 --> 01:23:52,060

scientists know about geology you have

1854

01:23:57,810 --> 01:23:53,320

to know about all the things that can

1855

01:24:00,630 --> 01:23:57,820

cause strange lights geologically I have

1856

01:24:02,430 --> 01:24:00,640

to understand how the earth works so you

1857

01:24:05,280 --> 01:24:02,440

can understand how light works how the

1858

01:24:08,070 --> 01:24:05,290

Sun works you know and trust me when I

1859

01:24:11,130 --> 01:24:08,080

get people ranting at me that the earth

1860

01:24:13,110 --> 01:24:11,140

is flat okay and I know there's a lot of

1861

01:24:15,750 --> 01:24:13,120

people out there that you know are doing

1862

01:24:17,310 --> 01:24:15,760

this and saying this nowadays I I swear

1863

01:24:19,140 --> 01:24:17,320

I think it's because they just want

1864

01:24:21,420 --> 01:24:19,150

trouble I think they just want to be

1865

01:24:23,010 --> 01:24:21,430

contrary yeah they know they know the

1866

01:24:25,470 --> 01:24:23,020

earth is round they just want a good

1867

01:24:28,020 --> 01:24:25,480

debate right we have to think they do

1868

01:24:29,640 --> 01:24:28,030

right but there's guys out there that I

1869

01:24:31,890 --> 01:24:29,650

don't think they really think you're

1870

01:24:35,100 --> 01:24:31,900

this round and it's like man how did

1871

01:24:37,440 --> 01:24:35,110

science fail this person so miserably oh

1872

01:24:39,630 --> 01:24:37,450

man I don't know how that I don't know

1873

01:24:41,880 --> 01:24:39,640

how that took traction

1874

01:24:45,090 --> 01:24:41,890

I really don't I'm still fascinated with

1875

01:24:48,150 --> 01:24:45,100

that we've got we've got three two and a

1876

01:24:51,300 --> 01:24:48,160

half minutes now Rex have fun to his

1877

01:24:54,090 --> 01:24:51,310

photographs those Polaroids to me are

1878

01:24:56,580 --> 01:24:54,100

some of the most extraordinary on planet

1879

01:24:59,700 --> 01:24:56,590

Earth ever I think there are some of the

1880

01:25:02,280 --> 01:24:59,710

most impressive images can you give me

1881

01:25:04,410 --> 01:25:02,290

the two-and-a-half minute Marc Dantonio

1882

01:25:07,650 --> 01:25:04,420

version of the rocks head flim

1883

01:25:09,480 --> 01:25:07,660

photographs when you see them yeah when

1884

01:25:12,180 --> 01:25:09,490

I looked at the Rex Heflin photos and

1885

01:25:14,550 --> 01:25:12,190

just so you know I mean historic data to

1886

01:25:17,640 --> 01:25:14,560

me is great and I do analyze it I do

1887

01:25:19,470 --> 01:25:17,650

look at it but of course with the we're

1888

01:25:21,120 --> 01:25:19,480

focusing on the future and trying to

1889

01:25:22,830 --> 01:25:21,130

catch the skid marks of an alien race

1890

01:25:24,500 --> 01:25:22,840

using advanced propulsion techniques

1891

01:25:27,080 --> 01:25:24,510

that's what we call it skid mark but

1892

01:25:29,820 --> 01:25:27,090

every fifteen-year-old kid loves us um

1893

01:25:32,250 --> 01:25:29,830

correcto when I look at Rex heflin's

1894

01:25:33,900 --> 01:25:32,260

photos and I looked at them again

1895

01:25:35,970 --> 01:25:33,910

remember we're only looking at digital

1896

01:25:37,650 --> 01:25:35,980

copies of some prints that were

1897

01:25:39,330 --> 01:25:37,660

originally print so we don't really have

1898

01:25:41,520 --> 01:25:39,340

a good data

1899

01:25:43,020 --> 01:25:41,530

you know the photos weren't taken with a

1900

01:25:46,290 --> 01:25:43,030

digital camera that we take with a film

1901

01:25:48,810 --> 01:25:46,300

camera so we can't do the work on them

1902

01:25:52,560 --> 01:25:48,820

that we might expect to be able to do

1903

01:25:54,810 --> 01:25:52,570

you know but nevertheless when I look at

1904

01:25:58,680 --> 01:25:54,820

the photos the thing with the Rex Heflin

1905

01:26:00,360 --> 01:25:58,690

photos that jumped out at me was that

1906

01:26:02,760 --> 01:26:00,370

I was trying to look at the day what was

1907

01:26:05,090 --> 01:26:02,770

the day like the day look like it was

1908

01:26:06,960 --> 01:26:05,100

bright and sunny but it also looked hazy

1909

01:26:10,560 --> 01:26:06,970

now that could have been the film

1910

01:26:12,690 --> 01:26:10,570

quality Polaroid black-and-white yeah

1911

01:26:15,120 --> 01:26:12,700

could have been the film quality a

1912

01:26:17,580 --> 01:26:15,130

quality of film and how it made it that

1913

01:26:20,040 --> 01:26:17,590

look so we don't really know what the

1914

01:26:23,550 --> 01:26:20,050

day was actually but it looked like a

1915

01:26:26,040 --> 01:26:23,560

hazy day to that end I would have

1916

01:26:28,230 --> 01:26:26,050

expected to see that the UFO object

1917

01:26:32,310 --> 01:26:28,240

would whether it was created by a film

1918

01:26:34,560 --> 01:26:32,320

artifact or else whether artifact I

1919

01:26:39,150 --> 01:26:34,570

would have expected the UFO to actually

1920

01:26:43,800 --> 01:26:39,160

be a little less sharp and clear I would

1921

01:26:48,000 --> 01:26:43,810

have expected it in fact to be more fun

1922

01:26:51,180 --> 01:26:48,010

doubt phased out a little bit again

1923

01:26:52,950 --> 01:26:51,190

either by the film quality or by the day

1924

01:26:55,290 --> 01:26:52,960

now I'm not saying they were faked

1925

01:26:58,260 --> 01:26:55,300

photos in terms of you know cut and

1926

01:27:02,010 --> 01:26:58,270

paste I'd certainly not saying that okay

1927

01:27:04,710 --> 01:27:02,020

so for me the jury is out on Heflin and

1928

01:27:06,360 --> 01:27:04,720

I'll play that I still consider it a

1929

01:27:09,780 --> 01:27:06,370

historic case of importance and the

1930

01:27:13,010 --> 01:27:09,790

reason I do is because I've created I

1931

01:27:14,970 --> 01:27:13,020

created a man I'm not keep creating

1932

01:27:17,520 --> 01:27:14,980

history what's called the history makers

1933

01:27:21,450 --> 01:27:17,530

collection of UFOs and I have the first

1934

01:27:25,080 --> 01:27:21,460

three and at the s-51 you know the area

1935

01:27:27,390 --> 01:27:25,090

51 UFO yes yes yes one UFO I have Rex

1936

01:27:29,970 --> 01:27:27,400

Heflin and I have the Belgian triangle

1937

01:27:31,800 --> 01:27:29,980

right even though we know that you know

1938

01:27:33,900 --> 01:27:31,810

everybody has explanations for what all

1939

01:27:35,190 --> 01:27:33,910

three of those may very well be or are

1940

01:27:37,890 --> 01:27:35,200

and yes

1941

01:27:39,350 --> 01:27:37,900

consider the people have very very

1942

01:27:42,330 --> 01:27:39,360

adamant about their opinion sometimes

1943

01:27:44,970 --> 01:27:42,340

well I have Rex Heflin is one of the

1944

01:27:49,140 --> 01:27:44,980

history makers and the reason is because

1945

01:27:50,820 --> 01:27:49,150

of the fact that Rex Heflin alright he

1946

01:27:55,080 --> 01:27:50,830

in that photo

1947

01:27:57,900 --> 01:27:55,090

he set a pattern for the future the

1948

01:28:00,510 --> 01:27:57,910

pattern was get out your camera carry

1949

01:28:02,730 --> 01:28:00,520

your camera with you take pictures and

1950

01:28:05,340 --> 01:28:02,740

that's that started it all didn't it

1951

01:28:07,620 --> 01:28:05,350

yeah it is certainly right Yeah right

1952

01:28:10,650 --> 01:28:07,630

and so to that end whether it's

1953

01:28:12,180 --> 01:28:10,660

artificial or created I have to say it

1954

01:28:13,800 --> 01:28:12,190

belongs as a history maker

1955

01:28:15,810 --> 01:28:13,810

and the jury is too long for me on that

1956

01:28:17,490 --> 01:28:15,820

in terms of whether it's real our guest

1957

01:28:19,680 --> 01:28:17,500

tonight Mark Dantonio

1958

01:28:22,380 --> 01:28:19,690

I'm your host of meters this is fade to

1959

01:28:25,770 --> 01:28:22,390

black when we come back I'm going to do

1960

01:28:27,420 --> 01:28:25,780

dragon fly drones that's right I'm going

1961

01:28:29,880 --> 01:28:27,430

to be Church follow me on Twitter I J

1962

01:28:48,150 --> 01:28:29,890

Church radio more with mark right after

1963

01:28:51,180 --> 01:28:48,160

this short break stay with us we're out

1964

01:28:54,750 --> 01:28:51,190

here we listen to Jimmy Church you're

1965

01:28:56,730 --> 01:28:54,760

listening to faint and black always on

1966

01:28:59,370 --> 01:28:56,740

the edge of the hottest alternative talk

1967

01:29:09,180 --> 01:28:59,380

chilly church with fade to black

1968

01:29:17,070 --> 01:29:09,190

k GRA radio.com music just go tell me

1969

01:29:19,650 --> 01:29:17,080

what am I going oh hello

1970

01:29:22,920 --> 01:29:19,660

fade or not this is Jimmy Church and I'm

1971

01:29:25,980 --> 01:29:22,930

introducing new farm a company whose

1972

01:29:28,350 --> 01:29:25,990

products are based on science human

1973

01:29:32,880 --> 01:29:28,360

function based on the endocannabinoid

1974

01:29:35,250 --> 01:29:32,890

system or ECS new pharma firmly believes

1975

01:29:37,620 --> 01:29:35,260

in this science and their research

1976

01:29:40,140 --> 01:29:37,630

indicates that support of the EECS

1977

01:29:43,440 --> 01:29:40,150

provides the beneficial effects for a

1978

01:29:46,490 --> 01:29:43,450

healthy lifestyle new Pharma science

1979

01:29:49,830 --> 01:29:46,500

includes relief capsules for pain relief

1980

01:29:52,920 --> 01:29:49,840

sleep capsules which are natural support

1981

01:29:56,370 --> 01:29:52,930

for occasional sleeplessness Foundation

1982

01:29:59,430 --> 01:29:56,380

is support for your ECS and fit capsules

1983

01:30:01,080 --> 01:29:59,440

support your active lifestyle just click

1984

01:30:04,770 --> 01:30:01,090

on the banner A to B Church radio.com

1985

01:30:06,750 --> 01:30:04,780

and use the promo code F to be for a 33

1986

01:30:07,600 --> 01:30:06,760

percent discount on all of their

1987

01:30:10,720 --> 01:30:07,610

products

1988

01:30:14,020 --> 01:30:10,730

or visit new Pharma com4 all of the

1989

01:30:19,030 --> 01:30:14,030

knowledge on the science that's gnu

1990

01:30:21,730 --> 01:30:19,040

pharma comm Gobekli chappie do you worry

1991

01:30:23,890 --> 01:30:21,740

a lot it don't forget them nervous moody

1992

01:30:25,930 --> 01:30:23,900

or overwhelmed chances are you're not

1993

01:30:28,330 --> 01:30:25,940

protecting yourself from the ravaging

1994

01:30:31,090 --> 01:30:28,340

effects of stress and anxiety no matter

1995

01:30:32,980 --> 01:30:31,100

the cause ongoing stress and elevated

1996

01:30:35,470 --> 01:30:32,990

levels of the stress hormone cortisol

1997

01:30:38,110 --> 01:30:35,480

can rob your memory your health your

1998

01:30:40,330 --> 01:30:38,120

quality of life and your future now you

1999

01:30:42,460 --> 01:30:40,340

can combat the effects of stress and

2000

01:30:44,950 --> 01:30:42,470

anxiety while improving your memory and

2001

01:30:47,470 --> 01:30:44,960

recall at the same time with the dietary

2002

01:30:49,360 --> 01:30:47,480

supplement common clever studies show

2003

01:30:52,660 --> 01:30:49,370

that the ingredients in common clever

2004

01:30:55,060 --> 01:30:52,670

reduce cortisol by as much as 30% in as

2005

01:30:57,280 --> 01:30:55,070

little as one to two weeks and increase

2006

01:30:59,290 --> 01:30:57,290

your ability to recall facts names in

2007

01:31:01,060 --> 01:30:59,300

numbers in four to twelve weeks

2008

01:31:03,370 --> 01:31:01,070

calm and clever was created by

2009

01:31:05,980 --> 01:31:03,380

scientists Kurt Hendricks a principal

2010

01:31:08,290 --> 01:31:05,990

investigator in two NIH funded studies

2011

01:31:10,720 --> 01:31:08,300

on Alzheimer's disease Charlie calm and

2012

01:31:12,010 --> 01:31:10,730

clever for two months you'll feel the

2013

01:31:14,110 --> 01:31:12,020

difference goal one eight hundred

2014

01:31:18,280 --> 01:31:14,120

seventy five eight eight seven four six

2015

01:31:21,640 --> 01:31:18,290

or go to calm and clever calm you listen

2016

01:31:29,920 --> 01:31:21,650

to us and we listen to you and so does

2017

01:31:31,510 --> 01:31:29,930

the CIA jgr a radio calm hi folks CBD is

2018

01:31:33,940 --> 01:31:31,520

a home run hitter for health right now

2019

01:31:36,550 --> 01:31:33,950

why you ask because what it does for the

2020

01:31:37,900 --> 01:31:36,560

body unfortunately I can't tell you all

2021

01:31:40,390 --> 01:31:37,910

about the benefit you know there's

2022

01:31:42,610 --> 01:31:40,400

reasons do you do diligence and log on

2023

01:31:45,190 --> 01:31:42,620

to ancient life oil calm that's ancient

2024

01:31:47,170 --> 01:31:45,200

life oil calm angel life oil uses

2025

01:31:49,060 --> 01:31:47,180

organic ingredients and is blended in

2026

01:31:51,450 --> 01:31:49,070

coconut oil for some of the best

2027

01:31:54,370 --> 01:31:51,460

benefits legal in 50 states and

2028

01:31:59,250 --> 01:31:54,380

non-psychoactive log on to ancient life

2029

01:32:02,050 --> 01:31:59,260

oil calm that's ancient life oil calm

2030

01:32:06,830 --> 01:32:02,060

you are listening to fade to black with

2031

01:32:12,490 --> 01:32:09,740

hi I'm Lisa Vance you're listening to me

2032

01:32:16,040 --> 01:32:12,500

church this is revolution the revolution

2033

01:32:22,100 --> 01:32:16,050

will not be televised the revolution is

2034

01:32:22,110 --> 01:33:00,040

[Music]

2035

01:33:05,100 --> 01:33:02,320

all right welcome back to fade to black

2036

01:33:09,430 --> 01:33:05,110

our guest tonight marked the Antonio

2037

01:33:11,920 --> 01:33:09,440

yeah man he is the CGI pro he's the

2038

01:33:15,160 --> 01:33:11,930

model builder he's the photo analyst

2039

01:33:17,800 --> 01:33:15,170

he's the guy also exoplanets we didn't

2040

01:33:21,130 --> 01:33:17,810

get into that astronomy that he manages

2041

01:33:23,410 --> 01:33:21,140

his own Observatory how are you going to

2042

01:33:25,420 --> 01:33:23,420

mark how are you going to pack that up

2043

01:33:27,610 --> 01:33:25,430

and just move it to Arizona how does

2044

01:33:29,650 --> 01:33:27,620

that happen well the way the way it

2045

01:33:32,470 --> 01:33:29,660

happens you mean is really cool by I

2046

01:33:33,970 --> 01:33:32,480

gotta say I really love the music you

2047

01:33:35,800 --> 01:33:33,980

know your music is just phenomenal I

2048

01:33:38,590 --> 01:33:35,810

mean that's the kind of music I like to

2049

01:33:40,480 --> 01:33:38,600

play I play like a guitar and I love

2050

01:33:42,280 --> 01:33:40,490

just like playing blues riffs just going

2051
01:33:43,270 --> 01:33:42,290
to Thomas letting it all happen and love

2052
01:33:45,970 --> 01:33:43,280
that good stuff

2053
01:33:48,010 --> 01:33:45,980
that's a guy named Doug Aldridge I love

2054
01:33:51,520 --> 01:33:48,020
it yeah done love it she's amazing but

2055
01:33:54,700 --> 01:33:51,530
how do you hack up an observatory well

2056
01:33:58,750 --> 01:33:54,710
the building is a prefab building that I

2057
01:34:00,490 --> 01:33:58,760
bought from Canada and I the it had some

2058
01:34:03,370 --> 01:34:00,500
problems when it got here and few parts

2059
01:34:06,820 --> 01:34:03,380
are broken so forth but I wanted to have

2060
01:34:08,650 --> 01:34:06,830
a building so I have a place for so

2061
01:34:11,590 --> 01:34:08,660
having a place for it's not a big deal

2062
01:34:13,780 --> 01:34:11,600
having a foundation for the foundation

2063
01:34:16,200 --> 01:34:13,790

is temporary that the whole Observatory

2064

01:34:20,440 --> 01:34:16,210

building is sitting on industrial

2065

01:34:23,500 --> 01:34:20,450

packing industrial shipping pallets okay

2066

01:34:26,140 --> 01:34:23,510

and then there's plywood over that and

2067

01:34:27,460 --> 01:34:26,150

then a flooring material and then a hole

2068

01:34:30,130 --> 01:34:27,470

in the center and they get a big steel

2069

01:34:32,290 --> 01:34:30,140

pier and the only thing that's going to

2070

01:34:33,340 --> 01:34:32,300

be left on the ground when this thing

2071

01:34:36,940 --> 01:34:33,350

moves and I'll tell you how that

2072

01:34:39,520 --> 01:34:36,950

happened is a little concrete pad that

2073

01:34:42,550 --> 01:34:39,530

the pier is bolted to and that's

2074

01:34:44,050 --> 01:34:42,560

actually a vertical 48 inch concrete

2075

01:34:44,440 --> 01:34:44,060

pier that goes all the way down to the

2076

01:34:47,500 --> 01:34:44,450

ground

2077

01:34:48,730 --> 01:34:47,510

right so I get I have a backhoe I could

2078

01:34:51,220 --> 01:34:48,740

just pull it out with the tractor if I

2079

01:34:53,820 --> 01:34:51,230

had to if they make sure some new owners

2080

01:34:55,960 --> 01:34:53,830

wants it out but the bottom line is

2081

01:34:57,970 --> 01:34:55,970

because of the prefab building the

2082

01:35:01,860 --> 01:34:57,980

entire building disassembled you ready

2083

01:35:05,080 --> 01:35:01,870

for this it'll fit in a compact car

2084

01:35:08,020 --> 01:35:05,090

really it did yes all the parts all

2085

01:35:12,340 --> 01:35:08,030

meshed together all right but here's the

2086

01:35:13,630 --> 01:35:12,350

truth in no way am I ever going to take

2087

01:35:15,900 --> 01:35:13,640

this thing apart again what I'm going to

2088

01:35:18,310 --> 01:35:15,910

do is I'm going to transport it in

2089

01:35:20,230 --> 01:35:18,320

prefabricated sections okay if I can

2090

01:35:21,970 --> 01:35:20,240

send the dome in two halves I'm gonna

2091

01:35:23,830 --> 01:35:21,980

because that was a real pain putting it

2092

01:35:28,630 --> 01:35:23,840

together right now I built I build it

2093

01:35:31,060 --> 01:35:28,640

alone and as such it took me about four

2094

01:35:34,750 --> 01:35:31,070

days to assemble at all all right

2095

01:35:36,580 --> 01:35:34,760

I dug the hole poured the concrete and

2096

01:35:38,020 --> 01:35:36,590

put a solid steel pier that I had made

2097

01:35:41,290 --> 01:35:38,030

it industrial park up at the store up

2098

01:35:45,090 --> 01:35:41,300

the street and then put the telescope on

2099

01:35:48,430 --> 01:35:45,100

it so I have about 350 pounds worth of

2100

01:35:50,680 --> 01:35:48,440

instrument above the floor and you know

2101
01:35:51,100 --> 01:35:50,690
it can't get loose on you or it'll kill

2102
01:35:57,220 --> 01:35:51,110
you

2103
01:35:59,190 --> 01:35:57,230
gets packed up is I just do it in

2104
01:36:01,720 --> 01:35:59,200
reverse order I take the telescope off

2105
01:36:05,650 --> 01:36:01,730
put it in this packing box which I kept

2106
01:36:08,110 --> 01:36:05,660
I take the pier out and you can't hurt

2107
01:36:09,430 --> 01:36:08,120
that so I he you could drag it behind

2108
01:36:11,560 --> 01:36:09,440
the vehicle if you're used to driving

2109
01:36:14,050 --> 01:36:11,570
down the highway not get hurt it's

2110
01:36:17,320 --> 01:36:14,060
healed hundred fifty pounds right there

2111
01:36:20,050 --> 01:36:17,330
and then the foundation is in two

2112
01:36:22,960 --> 01:36:20,060
sections for flooring so you just

2113
01:36:25,270 --> 01:36:22,970

basically unscrew the top plywood you

2114

01:36:26,830 --> 01:36:25,280

fold things in half take apart the

2115

01:36:31,510 --> 01:36:26,840

sections as much as you want to for the

2116

01:36:34,090 --> 01:36:31,520

building stick it in a pod basically and

2117

01:36:36,490 --> 01:36:34,100

have it shipped and then do the same

2118

01:36:38,620 --> 01:36:36,500

thing in Reverse when you get there in

2119

01:36:40,210 --> 01:36:38,630

Arizona and I'm going to I'm looking for

2120

01:36:43,810 --> 01:36:40,220

land that I can put this on it's going

2121

01:36:45,610 --> 01:36:43,820

to be very very dark sky you know and

2122

01:36:48,760 --> 01:36:45,620

it's going to be an automated facility

2123

01:36:51,430 --> 01:36:48,770

so right now as it stands I control the

2124

01:36:54,970 --> 01:36:51,440

entire telescope and the camera using an

2125

01:36:57,310 --> 01:36:54,980

iPad all right yeah the only thing I

2126

01:36:59,770 --> 01:36:57,320

can't do is move the dome and that

2127

01:37:01,900 --> 01:36:59,780

automation gear is a few hundred more

2128

01:37:04,390 --> 01:37:01,910

dollars stands between me and being able

2129

01:37:09,460 --> 01:37:04,400

do that as well and then once that's

2130

01:37:11,800 --> 01:37:09,470

done ah I'm going to be able to get this

2131

01:37:15,730 --> 01:37:11,810

online so that I can log into it from

2132

01:37:16,960 --> 01:37:15,740

wherever I am or people who are part of

2133

01:37:18,520 --> 01:37:16,970

the network can log into it from

2134

01:37:21,040 --> 01:37:18,530

wherever they are and take photos of any

2135

01:37:23,400 --> 01:37:21,050

link any design and anything they want

2136

01:37:26,570 --> 01:37:23,410

to do anywhere in the sky that's visible

2137

01:37:28,340 --> 01:37:26,580

and that's that's the idea and

2138

01:37:30,590 --> 01:37:28,350

there's things like moisture sensors you

2139

01:37:32,240 --> 01:37:30,600

can get so that if it gets too humid you

2140

01:37:34,160 --> 01:37:32,250

can automatically close down the dome

2141

01:37:35,510 --> 01:37:34,170

you know cover up the telescope close

2142

01:37:37,010 --> 01:37:35,520

down the dome it'll do it by itself you

2143

01:37:39,590 --> 01:37:37,020

can just have that happen

2144

01:37:42,800 --> 01:37:39,600

so that's how you do it you know it's a

2145

01:37:44,930 --> 01:37:42,810

whole process but I just I've never been

2146

01:37:48,320 --> 01:37:44,940

under a fully dark sky in my life except

2147

01:37:50,270 --> 01:37:48,330

when I was out on the ocean we should

2148

01:37:52,700 --> 01:37:50,280

would have Maine every every summer and

2149

01:37:54,170 --> 01:37:52,710

I would go out of my cousins lobster

2150

01:37:55,730 --> 01:37:54,180

boat around his trawler and I'd run the

2151
01:37:56,030 --> 01:37:55,740
radar for him or whatever I'd help him

2152
01:37:58,670 --> 01:37:56,040
out

2153
01:38:01,670 --> 01:37:58,680
you know me mister kicking dirt and then

2154
01:38:03,770 --> 01:38:01,680
I would actually go outside to get rid

2155
01:38:06,830 --> 01:38:03,780
of my seasickness we'll leave it at that

2156
01:38:09,980 --> 01:38:06,840
and then I look up and I see this

2157
01:38:14,390 --> 01:38:09,990
beautiful sky and it was so beautiful so

2158
01:38:17,870 --> 01:38:14,400
dark you could see the clouds as dark

2159
01:38:19,970 --> 01:38:17,880
against the stars dark clouds against

2160
01:38:22,970 --> 01:38:19,980
the stars I've never seen that except up

2161
01:38:25,790 --> 01:38:22,980
there I'll tell you what at II said II

2162
01:38:28,490 --> 01:38:25,800
two weeks ago when we were up there and

2163
01:38:31,640 --> 01:38:28,500

I'm on Adams yeah near Mount Adams where

2164

01:38:34,490 --> 01:38:31,650

there is there is it's it's two hours to

2165

01:38:37,130 --> 01:38:34,500

the next city right I mean I'm is

2166

01:38:39,410 --> 01:38:37,140

blackened and you look up and you're

2167

01:38:42,320 --> 01:38:39,420

looking at the stars in the Milky Way

2168

01:38:44,330 --> 01:38:42,330

and the clouds of stars right and the

2169

01:38:47,480 --> 01:38:44,340

color of everything

2170

01:38:49,910 --> 01:38:47,490

it is cinematic and is 3d and as

2171

01:38:51,650 --> 01:38:49,920

breathtaking as you can imagine it isn't

2172

01:38:54,050 --> 01:38:51,660

though yeah because here in Los Angeles

2173

01:38:58,040 --> 01:38:54,060

which has got to be the most light

2174

01:39:00,860 --> 01:38:58,050

polluted place on planet Earth right is

2175

01:39:03,020 --> 01:39:00,870

so [h__h] high it'll next to Shanghai

2176

01:39:05,120 --> 01:39:03,030

right or Hong Kong or something but

2177

01:39:07,220 --> 01:39:05,130

where we don't have I mean you know week

2178

01:39:11,750 --> 01:39:07,230

out a couple of stars right but it's

2179

01:39:14,960 --> 01:39:11,760

amazing it's the same sky right the same

2180

01:39:17,360 --> 01:39:14,970

sky and you go to someplace like he said

2181

01:39:20,180 --> 01:39:17,370

he or Joshua Tree where you're just away

2182

01:39:22,430 --> 01:39:20,190

from the light pollution and you look up

2183

01:39:25,760 --> 01:39:22,440

and it's just breathtaking and it's the

2184

01:39:28,700 --> 01:39:25,770

same sky that we would have here but

2185

01:39:32,000 --> 01:39:28,710

it's it's just all revealed to you just

2186

01:39:33,800 --> 01:39:32,010

just think right now let me just say

2187

01:39:35,570 --> 01:39:33,810

well let will think ever for you just

2188

01:39:38,030 --> 01:39:35,580

before you do this I got to tell you

2189

01:39:40,220 --> 01:39:38,040

when you saw that those stars for the

2190

01:39:41,900 --> 01:39:40,230

first time ever

2191

01:39:44,090 --> 01:39:41,910

tell me that you were able to breathe

2192

01:39:46,850 --> 01:39:44,100

normally for like a few minutes oh no

2193

01:39:49,760 --> 01:39:46,860

exactly no you can't no you can't you

2194

01:39:52,910 --> 01:39:49,770

can't I remember we went up one time

2195

01:39:57,710 --> 01:39:52,920

this was a few years ago and we went up

2196

01:40:00,380 --> 01:39:57,720

into the mountains in Joshua Tree and up

2197

01:40:04,940 --> 01:40:00,390

to this house where we're away from

2198

01:40:08,720 --> 01:40:04,950

everything I looked up and the the Milky

2199

01:40:10,820 --> 01:40:08,730

Way streaking across the sky where you

2200

01:40:12,470 --> 01:40:10,830

have black on both sides of it right and

2201

01:40:15,770 --> 01:40:12,480

your Linea and II just

2202

01:40:18,320 --> 01:40:15,780

and the purples and the and the reds and

2203

01:40:22,940 --> 01:40:18,330

the stars and it's just something holy

2204

01:40:25,820 --> 01:40:22,950

crap and all you want to do is stare at

2205

01:40:28,340 --> 01:40:25,830

it right I think that's that's you know

2206

01:40:30,380 --> 01:40:28,350

I can only think about this mark and

2207

01:40:31,250 --> 01:40:30,390

this is this is the reality of the world

2208

01:40:36,620 --> 01:40:31,260

we live in

2209

01:40:41,390 --> 01:40:36,630

let's go back go back 5,000 years right

2210

01:40:43,729 --> 01:40:41,400

5,000 years 3000 BC and you're anywhere

2211

01:40:48,440 --> 01:40:43,739

on planet earth well you know what your

2212

01:40:50,510 --> 01:40:48,450

your 4k television was this is why yeah

2213

01:40:53,090 --> 01:40:50,520

that's right you know and can you

2214

01:40:57,110 --> 01:40:53,100

imagine what they were seeing when there

2215

01:41:02,600 --> 01:40:57,120

was zero light pollution I mean when it

2216

01:41:06,080 --> 01:41:02,610

was night it was black and red and just

2217

01:41:08,420 --> 01:41:06,090

imagine that you know today where we

2218

01:41:11,180 --> 01:41:08,430

have to go to Argentina or go to Chile

2219

01:41:13,070 --> 01:41:11,190

or you know go to these crazy places on

2220

01:41:16,310 --> 01:41:13,080

the top of a mountain to avoid all the

2221

01:41:18,830 --> 01:41:16,320

the magnetics in the e/m and and and

2222

01:41:20,030 --> 01:41:18,840

cell phone interference as well as the

2223

01:41:23,600 --> 01:41:20,040

light pollution right you want to get

2224

01:41:25,400 --> 01:41:23,610

away from everything and and that's what

2225

01:41:27,020 --> 01:41:25,410

we have to do today because the light

2226

01:41:29,510 --> 01:41:27,030

pollution is everywhere no matter where

2227

01:41:32,120 --> 01:41:29,520

you go but yeah I'll just think about I

2228

01:41:34,280 --> 01:41:32,130

have to think about that yeah and now I

2229

01:41:37,190 --> 01:41:34,290

want to I want to discuss the dragonfly

2230

01:41:39,350 --> 01:41:37,200

drones and and when we get to the break

2231

01:41:41,750 --> 01:41:39,360

or we're going to go exoplanets after

2232

01:41:45,650 --> 01:41:41,760

the break but but let's discuss the

2233

01:41:47,840 --> 01:41:45,660

Dragonfly drones my my thing was back

2234

01:41:51,380 --> 01:41:47,850

when when when your analysis was done

2235

01:41:52,200 --> 01:41:51,390

and I was I was getting angry with you

2236

01:41:56,520 --> 01:41:52,210

well

2237

01:41:58,950 --> 01:41:56,530

is that was that I love it I'm glad I'm

2238

01:42:01,050 --> 01:41:58,960

crying I don't know I know you this is

2239

01:42:03,600 --> 01:42:01,060

not an uncommon reaction you know and

2240

01:42:05,459 --> 01:42:03,610

and you know but go for it

2241

01:42:07,970 --> 01:42:05,469

well you gotta level me go right ahead

2242

01:42:12,120 --> 01:42:07,980

level me I'm all right we don't know no

2243

01:42:13,790 --> 01:42:12,130

because I don't know and probably you

2244

01:42:17,970 --> 01:42:13,800

don't know either but let's go with this

2245

01:42:21,479 --> 01:42:17,980

Linda Moulton Howe told me on this show

2246

01:42:24,510 --> 01:42:21,489

and in private that she was sent the

2247

01:42:28,050 --> 01:42:24,520

negatives that they were shot on 35

2248

01:42:32,490 --> 01:42:28,060

millimeter film your analysis was that

2249

01:42:35,550 --> 01:42:32,500

it was CG and creative illustrations

2250

01:42:41,760 --> 01:42:35,560

done with the computer we can't have

2251
01:42:44,310 --> 01:42:41,770
both can we yes okay explain okay the

2252
01:42:44,880 --> 01:42:44,320
photographs indeed were filmed

2253
01:42:56,790 --> 01:42:44,890
photographs

2254
01:43:00,830 --> 01:42:56,800
put in that is to say a composite was

2255
01:43:03,810 --> 01:43:00,840
made and I'm now I'm 35 millimeter film

2256
01:43:06,540 --> 01:43:03,820
well actually when I looked at that

2257
01:43:10,770 --> 01:43:06,550
dragonfly drone all right what I was

2258
01:43:12,630 --> 01:43:10,780
looking at was a actually I call it the

2259
01:43:16,200 --> 01:43:12,640
devil was in the dark actually that was

2260
01:43:18,780 --> 01:43:16,210
kind of a the title of my talk I did on

2261
01:43:21,150 --> 01:43:18,790
this actually years ago and we call The

2262
01:43:23,370 --> 01:43:21,160
Devil's in the darkness because when you

2263
01:43:26,250 --> 01:43:23,380

look in the dark shadows of this object

2264

01:43:29,940 --> 01:43:26,260

you could see that the shadows were not

2265

01:43:31,950 --> 01:43:29,950

composed of smooth just smooth light

2266

01:43:36,110 --> 01:43:31,960

degrades off to darkness for instance in

2267

01:43:38,690 --> 01:43:36,120

the shadow it was composed of ever

2268

01:43:43,050 --> 01:43:38,700

decreasing in brightness donuts that

2269

01:43:48,750 --> 01:43:43,060

were all overlaying each other and now

2270

01:43:53,700 --> 01:43:48,760

that I recognize as a digital shadowing

2271

01:43:56,910 --> 01:43:53,710

technique in digital CJ so however Linda

2272

01:43:58,380 --> 01:43:56,920

said she got those images okay and they

2273

01:44:00,150 --> 01:43:58,390

were claimed to have been taken on 35

2274

01:44:04,350 --> 01:44:00,160

millimeter film or whatever with

2275

01:44:06,060 --> 01:44:04,360

negatives I have I think that the one

2276

01:44:09,780 --> 01:44:06,070

she probably got was just something

2277

01:44:13,709 --> 01:44:09,790

was rephotographed all right and from

2278

01:44:16,470 --> 01:44:13,719

from a display and it's not uncommon

2279

01:44:18,870 --> 01:44:16,480

it's easy to do and fact people often

2280

01:44:23,819 --> 01:44:18,880

will rephotographed the finished product

2281

01:44:25,439 --> 01:44:23,829

to hide the artifacts all right and the

2282

01:44:28,229 --> 01:44:25,449

trouble is that when you look into the

2283

01:44:30,560 --> 01:44:28,239

shadows on this object the all the

2284

01:44:34,140 --> 01:44:30,570

objects every one of these showed it the

2285

01:44:35,700 --> 01:44:34,150

shadows were wrong and I kept saying

2286

01:44:36,660 --> 01:44:35,710

cameras don't work this way light

2287

01:44:38,550 --> 01:44:36,670

doesn't work this way

2288

01:44:39,839 --> 01:44:38,560

and they kept saying that to people and

2289

01:44:42,629 --> 01:44:39,849

they said well what do you mean and I'll

2290

01:44:43,890 --> 01:44:42,639

tell you there's one photo where you're

2291

01:44:45,660 --> 01:44:43,900

looking straight up and you got

2292

01:44:47,280 --> 01:44:45,670

telephone pole wires they're going

2293

01:44:48,959 --> 01:44:47,290

overhead and you see this beyond the

2294

01:44:52,890 --> 01:44:48,969

wires it's a very clever shot right

2295

01:44:55,500 --> 01:44:52,900

right the Sun is just out of frame it's

2296

01:45:00,229 --> 01:44:55,510

just out of frame to the right and the

2297

01:45:04,080 --> 01:45:00,239

sky is whitish blue okay the object is

2298

01:45:07,220 --> 01:45:04,090

seen on the bottom in all calamity it's

2299

01:45:10,200 --> 01:45:07,230

fully visible fully clear in other words

2300

01:45:11,700 --> 01:45:10,210

the person doing this is okay there'll

2301
01:45:14,550 --> 01:45:11,710
be some reflected light up underneath

2302
01:45:17,100 --> 01:45:14,560
awesome it'll look real and so they went

2303
01:45:19,830 --> 01:45:17,110
that way what they didn't take into

2304
01:45:22,229 --> 01:45:19,840
account though is that the camera is not

2305
01:45:23,729 --> 01:45:22,239
going to see the object when it does

2306
01:45:26,339 --> 01:45:23,739
it's light metering it's going to see

2307
01:45:29,010 --> 01:45:26,349
the sky and the Sun which was just

2308
01:45:32,280 --> 01:45:29,020
outside the view and it was going to

2309
01:45:34,830 --> 01:45:32,290
make that shot more of a silhouette but

2310
01:45:38,669 --> 01:45:34,840
it wasn't and the fact that it wasn't

2311
01:45:42,060 --> 01:45:38,679
and the sky was still white is blue

2312
01:45:44,430 --> 01:45:42,070
showed that there was a pump from there

2313
01:45:46,080 --> 01:45:44,440

there were two types of exposures done

2314

01:45:49,140 --> 01:45:46,090

want to show the bottom of his craft

2315

01:45:51,240 --> 01:45:49,150

which was in shadow very quickly and the

2316

01:45:54,300 --> 01:45:51,250

other to keep the sky nice and blue in

2317

01:45:56,700 --> 01:45:54,310

the other areas of the shot and that's

2318

01:45:58,290 --> 01:45:56,710

not how cameras work you know looking at

2319

01:46:02,310 --> 01:45:58,300

the reflections of light off the wires

2320

01:46:04,379 --> 01:46:02,320

and everything those they weren't right

2321

01:46:06,270 --> 01:46:04,389

it was all wrong and that's actually

2322

01:46:09,390 --> 01:46:06,280

what the that was the foundational piece

2323

01:46:11,129 --> 01:46:09,400

and what what cinched it for me you know

2324

01:46:15,240 --> 01:46:11,139

that the shadows were wrong obviously

2325

01:46:17,100 --> 01:46:15,250

would be the process that they use to

2326
01:46:19,470 --> 01:46:17,110
create shadows among them it's called

2327
01:46:22,280 --> 01:46:19,480
global illumination but

2328
01:46:24,630 --> 01:46:22,290
the there's radiosity which is a

2329
01:46:26,610 --> 01:46:24,640
calculation and algorithm that goes

2330
01:46:28,050 --> 01:46:26,620
through every single pixel and

2331
01:46:32,310 --> 01:46:28,060
determines what the value is going to be

2332
01:46:35,070 --> 01:46:32,320
based on a sample size you provide and

2333
01:46:36,780 --> 01:46:35,080
if that sample size is too big or too

2334
01:46:40,440 --> 01:46:36,790
small you're going to get artifacts

2335
01:46:42,360 --> 01:46:40,450
basically and they had artifacts so it

2336
01:46:44,160 --> 01:46:42,370
says to me that they want to rush this

2337
01:46:46,920 --> 01:46:44,170
out and they didn't want to take the

2338
01:46:50,910 --> 01:46:46,930

time to actually get the global

2339

01:46:52,650 --> 01:46:50,920

illumination right and so that's what

2340

01:46:56,990 --> 01:46:52,660

they got and that's what they presented

2341

01:46:59,340 --> 01:46:57,000

and they got caught now as far as the

2342

01:47:02,040 --> 01:46:59,350

way the light was on the drone like I

2343

01:47:04,530 --> 01:47:02,050

said from underneath that was showed me

2344

01:47:07,770 --> 01:47:04,540

that they didn't understand as hoaxers

2345

01:47:10,350 --> 01:47:07,780

how the camera works because if they did

2346

01:47:12,240 --> 01:47:10,360

it right like I said you would not have

2347

01:47:14,100 --> 01:47:12,250

seen all that detail like little clever

2348

01:47:17,750 --> 01:47:14,110

writing on the bottom one of the things

2349

01:47:22,979 --> 01:47:17,760

and in my I did a lecture on this drone

2350

01:47:25,680 --> 01:47:22,989

in San Jose back in 2008 and for my

2351

01:47:27,120 --> 01:47:25,690

lecture I recreated the drone live in

2352

01:47:29,550 --> 01:47:27,130

front of the audience I showed it to him

2353

01:47:32,160 --> 01:47:29,560

and I recreated from the start I showed

2354

01:47:34,200 --> 01:47:32,170

him how what the tools were in the 3d

2355

01:47:36,450 --> 01:47:34,210

products at the time they could make the

2356

01:47:39,000 --> 01:47:36,460

shapes we saw like those vise Pingree

2357

01:47:41,010 --> 01:47:39,010

things in a circular doughnut tourist

2358

01:47:44,100 --> 01:47:41,020

for the center and those long extensions

2359

01:47:45,870 --> 01:47:44,110

out of it they were surprised to see

2360

01:47:48,600 --> 01:47:45,880

that the entire drone took about five

2361

01:47:52,550 --> 01:47:48,610

minutes to me I remember that and and

2362

01:47:55,740 --> 01:47:52,560

let me just say this all although your

2363

01:47:58,170 --> 01:47:55,750

your side of it and your creation of it

2364

01:48:00,750 --> 01:47:58,180

was really cool and I can only imagine

2365

01:48:05,280 --> 01:48:00,760

you know the talent that was behind that

2366

01:48:08,550 --> 01:48:05,290

but it was 1/100 of the detail that was

2367

01:48:10,350 --> 01:48:08,560

here and it went something right and so

2368

01:48:12,270 --> 01:48:10,360

they had time to play with it and time

2369

01:48:13,770 --> 01:48:12,280

to make it I was doing it in front of

2370

01:48:15,750 --> 01:48:13,780

the class right sorry

2371

01:48:16,979 --> 01:48:15,760

I didn't have the time to detail and I

2372

01:48:19,620 --> 01:48:16,989

made that very clear during the talk

2373

01:48:21,330 --> 01:48:19,630

actually I said look I haven't taken the

2374

01:48:23,100 --> 01:48:21,340

time to detail it like they did they've

2375

01:48:23,640 --> 01:48:23,110

had all the time in the world detail it

2376

01:48:25,680 --> 01:48:23,650

right

2377

01:48:27,900 --> 01:48:25,690

I wanted you to convince me you never

2378

01:48:30,870 --> 01:48:27,910

pushed me over the fence though I wanted

2379

01:48:32,190 --> 01:48:30,880

you to trust me I did there's a but

2380

01:48:35,970 --> 01:48:32,200

there is one other ask

2381

01:48:39,120 --> 01:48:35,980

back to this that I deal with when I

2382

01:48:42,630 --> 01:48:39,130

look at all images and and pretty much

2383

01:48:44,850 --> 01:48:42,640

just like you 99.999 I look at it and I

2384

01:48:46,920 --> 01:48:44,860

go yeah whatever right I can tell

2385

01:48:50,040 --> 01:48:46,930

immediately out of the gate I depend on

2386

01:48:55,290 --> 01:48:50,050

my eyes with the dragonfly with the

2387

01:48:56,060 --> 01:48:55,300

Dragonfly drone images my eyes are cool

2388

01:48:59,730 --> 01:48:56,070

with it

2389

01:49:00,450 --> 01:48:59,740

they are the shot that you were talking

2390

01:49:03,150 --> 01:49:00,460

about

2391

01:49:05,190 --> 01:49:03,160

I love the telephone pole and when I

2392

01:49:07,320 --> 01:49:05,200

read all of your analysis on it I'm

2393

01:49:09,420 --> 01:49:07,330

going back and I'm blowing it up and I'm

2394

01:49:12,090 --> 01:49:09,430

reading what you're saying and I'm going

2395

01:49:15,120 --> 01:49:12,100

back to the photograph what you were

2396

01:49:17,160 --> 01:49:15,130

saying to me I was seeing the opposite I

2397

01:49:21,960 --> 01:49:17,170

was seeing the correct reflection of the

2398

01:49:23,820 --> 01:49:21,970

Sun I was seeing the correct degrading I

2399

01:49:26,190 --> 01:49:23,830

was seeing the dragonfly drone as the

2400

01:49:28,740 --> 01:49:26,200

right color in the background there

2401

01:49:31,410 --> 01:49:28,750

there was one shot if I remember

2402

01:49:34,590 --> 01:49:31,420

correctly one leg of the drone is going

2403

01:49:38,810 --> 01:49:34,600

off behind the telephone pole and I was

2404

01:49:42,900 --> 01:49:38,820

seeing the exact same shading and and

2405

01:49:47,160 --> 01:49:42,910

and shadows there to me to my eyes mark

2406

01:49:50,430 --> 01:49:47,170

I was I was truly being fooled my eyes

2407

01:49:53,100 --> 01:49:50,440

never said okay this is not real and

2408

01:49:55,950 --> 01:49:53,110

that's that's where I know and I wanted

2409

01:49:57,180 --> 01:49:55,960

your analysis and what I was seeing in

2410

01:49:58,590 --> 01:49:57,190

the photographs I went back and forth

2411

01:50:02,100 --> 01:49:58,600

back and forth back and forth back and

2412

01:50:04,080 --> 01:50:02,110

forth and and I was more on the side of

2413

01:50:08,030 --> 01:50:04,090

the photograph than I was on your

2414

01:50:11,040 --> 01:50:08,040

analysis and that that's fair yeah I

2415

01:50:13,770 --> 01:50:11,050

don't have a problem with that but you

2416

01:50:15,510 --> 01:50:13,780

know and I think that if I statue if we

2417

01:50:17,460 --> 01:50:15,520

sat down in a room at a conference

2418

01:50:20,220 --> 01:50:17,470

somewhere and we actually did do a full

2419

01:50:22,770 --> 01:50:20,230

all-out reanalysis together you and I

2420

01:50:24,900 --> 01:50:22,780

may bring a crowd of people if we want

2421

01:50:27,180 --> 01:50:24,910

to and we would just talk about it right

2422

01:50:28,830 --> 01:50:27,190

I could probably convince you okay I

2423

01:50:32,270 --> 01:50:28,840

could probably convince you and the

2424

01:50:35,580 --> 01:50:32,280

reason is because I can talk to you and

2425

01:50:38,010 --> 01:50:35,590

specifically about how the camera would

2426
01:50:40,200 --> 01:50:38,020
take a picture like this and we would do

2427
01:50:42,240 --> 01:50:40,210
it we would actually recreate it

2428
01:50:43,920 --> 01:50:42,250
with a camera right there and we would

2429
01:50:45,810 --> 01:50:43,930
set the light meter to the same way that

2430
01:50:47,640 --> 01:50:45,820
they had their light meter

2431
01:50:51,120 --> 01:50:47,650
and we would actually recreate the

2432
01:50:54,510 --> 01:50:51,130
images to show you how the contrast

2433
01:50:56,850 --> 01:50:54,520
wasn't right for the photo now that just

2434
01:50:58,170 --> 01:50:56,860
that doesn't mean that you don't know

2435
01:51:01,290 --> 01:50:58,180
what you're doing or anything it just

2436
01:51:03,270 --> 01:51:01,300
means that you in my view you probably

2437
01:51:04,110 --> 01:51:03,280
have never used a camera this way to

2438
01:51:06,840 --> 01:51:04,120

actually

2439

01:51:09,780 --> 01:51:06,850

oh no no doubt no doubt no I do that so

2440

01:51:12,570 --> 01:51:09,790

yeah I've done it because a lot i've

2441

01:51:14,760 --> 01:51:12,580

been called upon to analyze photos and

2442

01:51:16,770 --> 01:51:14,770

what i said was well if i'm going to be

2443

01:51:19,470 --> 01:51:16,780

analyzing photos i darn well better

2444

01:51:21,330 --> 01:51:19,480

better know about making mistakes and

2445

01:51:23,670 --> 01:51:21,340

throughout my history taking photos

2446

01:51:27,120 --> 01:51:23,680

I actually tallied a muffin I had no

2447

01:51:28,650 --> 01:51:27,130

life I mean I promise I counted the

2448

01:51:31,500 --> 01:51:28,660

number of photos I've taken in my life

2449

01:51:33,720 --> 01:51:31,510

I've gotten close to just over a million

2450

01:51:35,729 --> 01:51:33,730

photos I actually taken right can't

2451

01:51:37,410 --> 01:51:35,739

believe that right now obviously the

2452

01:51:40,080 --> 01:51:37,420

digital world helped bump that number up

2453

01:51:42,390 --> 01:51:40,090

but it never became more clear than when

2454

01:51:44,250 --> 01:51:42,400

I went on a cruise to Bermuda so so a

2455

01:51:47,760 --> 01:51:44,260

couple years ago EXE did have a life for

2456

01:51:49,680 --> 01:51:47,770

a week um on that cruise on the way back

2457

01:51:51,870 --> 01:51:49,690

from the cruise I'm taking a picture of

2458

01:51:53,640 --> 01:51:51,880

the sky out on the deck because that's

2459

01:51:57,000 --> 01:51:53,650

what I do I'm crazy you gotta be outside

2460

01:51:58,820 --> 01:51:57,010

of the camera all the time I took a

2461

01:52:01,920 --> 01:51:58,830

picture I heard this loud explosion boom

2462

01:52:04,290 --> 01:52:01,930

it was the camera exploding inside you

2463

01:52:07,740 --> 01:52:04,300

know I blew it up I blew the camera up

2464

01:52:09,840 --> 01:52:07,750

and this was a nice nikon camera and in

2465

01:52:11,670 --> 01:52:09,850

the shutter system inside just said I'm

2466

01:52:13,740 --> 01:52:11,680

done I can't take any more photos and

2467

01:52:15,270 --> 01:52:13,750

just it just obliterated itself and I

2468

01:52:17,880 --> 01:52:15,280

heard all these little tiny pieces of

2469

01:52:19,620 --> 01:52:17,890

metal inside shaking around like what I

2470

01:52:21,240 --> 01:52:19,630

didn't do like blowing the transmission

2471

01:52:23,610 --> 01:52:21,250

on your car and I'm hearing a jingle of

2472

01:52:25,890 --> 01:52:23,620

stuff inside your car you know it's like

2473

01:52:29,040 --> 01:52:25,900

oh that was horrible

2474

01:52:31,140 --> 01:52:29,050

and I realized I am just taking so many

2475

01:52:34,320 --> 01:52:31,150

pictures I just blew up my professional

2476
01:52:36,450 --> 01:52:34,330
Nikon camera right so I had to go and

2477
01:52:39,000 --> 01:52:36,460
pay hundreds of dollars hundreds of

2478
01:52:40,110 --> 01:52:39,010
dollars to get that repaired and now

2479
01:52:41,400 --> 01:52:40,120
it's in the closet because I have

2480
01:52:43,050 --> 01:52:41,410
another camera that I'm going to you

2481
01:52:45,240 --> 01:52:43,060
know that I got without a shutter so

2482
01:52:48,540 --> 01:52:45,250
that I no longer have a mechanical issue

2483
01:52:51,210 --> 01:52:48,550
with that so now the camera I use no

2484
01:52:53,610 --> 01:52:51,220
longer has that problem and by the way

2485
01:52:56,910 --> 01:52:53,620
that's a camera I think you want because

2486
01:52:59,610 --> 01:52:56,920
it goes in sensitivity from fifty to

2487
01:53:02,700 --> 01:52:59,620
four hundred thousand ISO

2488
01:53:05,850 --> 01:53:02,710

okay and it turns night in today and it

2489

01:53:09,300 --> 01:53:05,860

gives you full color like ambient light

2490

01:53:10,650 --> 01:53:09,310

intensification and it's a standard

2491

01:53:13,500 --> 01:53:10,660

camera I use it for my astronomy

2492

01:53:15,780 --> 01:53:13,510

livestream so we see faint objects yes

2493

01:53:18,090 --> 01:53:15,790

in two seconds that would otherwise take

2494

01:53:20,640 --> 01:53:18,100

five minutes to capture yeah right right

2495

01:53:23,130 --> 01:53:20,650

big beautiful but you have to have a

2496

01:53:24,540 --> 01:53:23,140

tripod for that though for sure it's

2497

01:53:27,180 --> 01:53:24,550

going to go perfectly still

2498

01:53:29,190 --> 01:53:27,190

that's the point with a camera that has

2499

01:53:30,480 --> 01:53:29,200

that kind of speed right well yeah for

2500

01:53:33,270 --> 01:53:30,490

one or two seconds reps a great sorry

2501
01:53:36,450 --> 01:53:33,280
sorry yeah but at for one or two seconds

2502
01:53:39,750 --> 01:53:36,460
though you will but it you can take a

2503
01:53:42,660 --> 01:53:39,760
picture at a sixtieth all right at two

2504
01:53:45,090 --> 01:53:42,670
hundred and fifty six thousand and still

2505
01:53:47,040 --> 01:53:45,100
have a fairly illuminated scene Wow you

2506
01:53:49,080 --> 01:53:47,050
know and again you go wow that's that's

2507
01:53:50,580 --> 01:53:49,090
pretty cool taking a snapshot at night

2508
01:53:51,270 --> 01:53:50,590
and getting it to be focused that that's

2509
01:53:53,040 --> 01:53:51,280
crazy

2510
01:53:55,470 --> 01:53:53,050
yeah yeah that's what that's what

2511
01:53:58,140 --> 01:53:55,480
technology is going Jim and for me I

2512
01:54:00,030 --> 01:53:58,150
think that this is a camera everybody

2513
01:54:02,700 --> 01:54:00,040

needs everybody do you think so and you

2514

01:54:05,790 --> 01:54:02,710

know on our live streams no rice banded

2515

01:54:08,790 --> 01:54:05,800

together with Bill New York Sky Watcher

2516

01:54:11,550 --> 01:54:08,800

and P&K face imaging and me and we have

2517

01:54:14,040 --> 01:54:11,560

a website called astral imaging live.com

2518

01:54:16,500 --> 01:54:14,050

you can see our streams all the time you

2519

01:54:19,620 --> 01:54:16,510

can see pick up anyone you want go into

2520

01:54:22,140 --> 01:54:19,630

one talk to us in the chat you know and

2521

01:54:24,030 --> 01:54:22,150

this you know two of us have these

2522

01:54:25,650 --> 01:54:24,040

cameras and now you're going to try and

2523

01:54:26,910 --> 01:54:25,660

convince the third one to get the camera

2524

01:54:29,040 --> 01:54:26,920

so they can actually do these cool

2525

01:54:30,480 --> 01:54:29,050

things too because you know this is this

2526

01:54:31,890 --> 01:54:30,490

is where it's going man this is where

2527

01:54:34,590 --> 01:54:31,900

it's going this is astronomy for the

2528

01:54:37,830 --> 01:54:34,600

masses and this is being able to see the

2529

01:54:38,850 --> 01:54:37,840

did in the into the dark you know

2530

01:54:40,410 --> 01:54:38,860

because that's what we're doing as

2531

01:54:42,600 --> 01:54:40,420

humans trying to peer in the dark all

2532

01:54:44,450 --> 01:54:42,610

the time so what try and do like we did

2533

01:54:47,340 --> 01:54:44,460

in the case when we're in the on cage

2534

01:54:50,010 --> 01:54:47,350

well not in the dark before we hit this

2535

01:54:52,020 --> 01:54:50,020

break there's one other thing about the

2536

01:54:54,690 --> 01:54:52,030

Dragonfly drones that I want to address

2537

01:54:57,660 --> 01:54:54,700

two and that is carrot and the carrot

2538

01:54:59,610 --> 01:54:57,670

documents and I was going to ask about

2539

01:55:01,770 --> 01:54:59,620

that too if you didn't write and all of

2540

01:55:06,090 --> 01:55:01,780

the images of those objects that are

2541

01:55:08,600 --> 01:55:06,100

there and the the code if you will the

2542

01:55:11,130 --> 01:55:08,610

software that was involved allegedly

2543

01:55:12,790 --> 01:55:11,140

with the script that was on the outside

2544

01:55:16,660 --> 01:55:12,800

of these that that

2545

01:55:21,240 --> 01:55:16,670

again allegedly caused Lobby antigravity

2546

01:55:24,730 --> 01:55:21,250

to happen now if this is a hoax it's

2547

01:55:29,350 --> 01:55:24,740

definitely way elaborate and back then

2548

01:55:31,420 --> 01:55:29,360

this kind of work before you know now

2549

01:55:34,870 --> 01:55:31,430

we're back like before PageMaker

2550

01:55:39,990 --> 01:55:34,880

right we're dealing with some old ways

2551
01:55:43,210 --> 01:55:40,000
to do to writing reproduction and

2552
01:55:46,240 --> 01:55:43,220
illustration that was very complex and

2553
01:55:50,200 --> 01:55:46,250
very technical to do before software was

2554
01:55:52,090 --> 01:55:50,210
even around well yes and no and I'll

2555
01:55:53,950 --> 01:55:52,100
tell you why when we when you look at

2556
01:55:55,570 --> 01:55:53,960
the carrot there was a lot of photos

2557
01:55:57,430 --> 01:55:55,580
with that carrot with it with a care of

2558
01:56:01,840 --> 01:55:57,440
documents one of them purported to show

2559
01:56:04,930 --> 01:56:01,850
an object with some anti-gravity in

2560
01:56:07,930 --> 01:56:04,940
effect with some objects around it

2561
01:56:10,930 --> 01:56:07,940
and when I analyzed that I realized oh

2562
01:56:13,930 --> 01:56:10,940
wow this is just white room CG now what

2563
01:56:16,480 --> 01:56:13,940

that means is when when we want to show

2564

01:56:18,460 --> 01:56:16,490

an object in CG and we want to get a

2565

01:56:20,440 --> 01:56:18,470

good idea of its texture and how it

2566

01:56:22,360 --> 01:56:20,450

looks we have something called a white

2567

01:56:24,340 --> 01:56:22,370

room and we create it's an artificial

2568

01:56:25,930 --> 01:56:24,350

room it's basically think of it as being

2569

01:56:27,370 --> 01:56:25,940

taking an object you want to photograph

2570

01:56:29,560 --> 01:56:27,380

and putting it inside a big sphere

2571

01:56:31,870 --> 01:56:29,570

that's white and you're in there with

2572

01:56:34,390 --> 01:56:31,880

the camera taking a picture of it okay

2573

01:56:38,070 --> 01:56:34,400

that's kind of the basis for the white

2574

01:56:41,260 --> 01:56:38,080

room and I recognize white room global

2575

01:56:43,630 --> 01:56:41,270

illumination going on there and I

2576

01:56:45,760 --> 01:56:43,640

thought what they did the photo they're

2577

01:56:48,400 --> 01:56:45,770

showing would actually be very hard to

2578

01:56:51,730 --> 01:56:48,410

achieve in actuality there would always

2579

01:56:54,160 --> 01:56:51,740

be some kind of secondary reflection

2580

01:56:56,410 --> 01:56:54,170

there would be some kind of unevenness

2581

01:56:59,110 --> 01:56:56,420

to the light and in the photo there

2582

01:57:00,970 --> 01:56:59,120

wasn't so what I looked at it I thought

2583

01:57:02,890 --> 01:57:00,980

this is the white room and so of course

2584

01:57:04,780 --> 01:57:02,900

I proceeded to make a white room in my

2585

01:57:07,570 --> 01:57:04,790

digital CG project I had a state of the

2586

01:57:09,280 --> 01:57:07,580

art product for the day that I was using

2587

01:57:10,510 --> 01:57:09,290

as well or else you know who want to

2588

01:57:11,860 --> 01:57:10,520

make these kind of pronouncements I'm

2589

01:57:13,570 --> 01:57:11,870

not going to make a pronouncement about

2590

01:57:17,200 --> 01:57:13,580

it if I don't understand the technology

2591

01:57:18,790 --> 01:57:17,210

as fully as I could so I had one and I

2592

01:57:20,470 --> 01:57:18,800

did that work I still did that work

2593

01:57:23,350 --> 01:57:20,480

every month I do CG work all the time

2594

01:57:26,140 --> 01:57:23,360

for people was a side process to what I

2595

01:57:29,800 --> 01:57:26,150

do and you know this was a

2596

01:57:34,390 --> 01:57:29,810

a clear white room photo now white room

2597

01:57:36,370 --> 01:57:34,400

CG it's called a CG studio basically and

2598

01:57:40,750 --> 01:57:36,380

you know we all have them we all make

2599

01:57:43,270 --> 01:57:40,760

these particular setups with lights and

2600

01:57:45,100 --> 01:57:43,280

then we actually have these reflectors

2601
01:57:46,419 --> 01:57:45,110
like the umbrella the photographer's

2602
01:57:47,800 --> 01:57:46,429
Silver's umbrella that reflects the

2603
01:57:50,080 --> 01:57:47,810
light back into the face to give us a

2604
01:57:53,290 --> 01:57:50,090
back light so it's not a stark sharp

2605
01:57:56,050 --> 01:57:53,300
contrast image okay things like that but

2606
01:57:58,990 --> 01:57:56,060
to do that in the CG world as well and

2607
01:58:01,360 --> 01:57:59,000
as long as you you manage the light

2608
01:58:04,120 --> 01:58:01,370
properly and use this global

2609
01:58:08,290 --> 01:58:04,130
illumination process then you will

2610
01:58:11,790 --> 01:58:08,300
actually get a very nice very rounded

2611
01:58:16,360 --> 01:58:11,800
very very real

2612
01:58:17,919 --> 01:58:16,370
undetectable from being real object and

2613
01:58:19,810 --> 01:58:17,929

that's the thing I can show you

2614

01:58:21,250 --> 01:58:19,820

something I've made that you know you'll

2615

01:58:23,439 --> 01:58:21,260

you'll think for instance that there's

2616

01:58:26,770 --> 01:58:23,449

this little plastic toy submarine that I

2617

01:58:30,270 --> 01:58:26,780

did is a photograph but it's actually

2618

01:58:32,260 --> 01:58:30,280

not I just made sure that the plastic

2619

01:58:34,180 --> 01:58:32,270

reflected light the way it really does

2620

01:58:35,919 --> 01:58:34,190

you know so we got to take a break right

2621

01:58:38,410 --> 01:58:35,929

yeah we got to take a break right here

2622

01:58:40,300 --> 01:58:38,420

mark and we'll pick this up when we come

2623

01:58:41,919 --> 01:58:40,310

back got questions about the

2624

01:58:44,740 --> 01:58:41,929

moon-landing - and you've got a

2625

01:58:47,410 --> 01:58:44,750

telescope yeah do that when we come back

2626

01:58:49,300 --> 01:58:47,420

I guess tonight Mark Dantonio me rose to

2627

01:58:51,380 --> 01:58:49,310

be church this is fade to black

2628

01:58:56,030 --> 01:58:51,390

stay with us

2629

01:58:57,030 --> 01:58:56,040

[Music]

2630

01:59:02,149 --> 01:58:57,040

field day

2631

01:59:06,689 --> 01:59:04,649

hey what up y'all should go Viveca box

2632

01:59:10,879 --> 01:59:06,699

here and you are listening to my boy

2633

01:59:15,419 --> 01:59:10,889

Jimmy Church on Jimmy Church radio calm

2634

01:59:23,160 --> 01:59:15,429

total this my popular opinion reading a

2635

01:59:24,870 --> 01:59:23,170

book will not make you smarter so you

2636

01:59:28,140 --> 01:59:24,880

went to dinner last night you had your

2637

01:59:31,080 --> 01:59:28,150

favorite hosta or maybe you had a heavy

2638

01:59:33,239 --> 01:59:31,090

spicy meal in the left you Buddha's get

2639

01:59:37,069 --> 01:59:33,249

the t-dot-com maybe you mowed down a

2640

01:59:40,109 --> 01:59:37,079

huge steak and your plumbing is all plug

2641

01:59:42,959 --> 01:59:40,119

get the t.com our super strength tea

2642

01:59:46,560 --> 01:59:42,969

will take care of your occasional it's

2643

01:59:48,299 --> 01:59:46,570

all organic and non-gmo get rid of we

2644

01:59:51,120 --> 01:59:48,309

have so many great supplements but our

2645

01:59:53,160 --> 01:59:51,130

super tea is number one get the tea calm

2646

01:59:56,219 --> 01:59:53,170

that's get a tea calm

2647

01:59:59,549 --> 01:59:56,229

so you love talk radio then you'll love

2648

02:00:02,879 --> 01:59:59,559

talk stream live calm talk stream live

2649

02:00:04,979 --> 02:00:02,889

is always on 24/7 with the best dreaming

2650

02:00:07,049 --> 02:00:04,989

talk shows find your favorite talkers

2651
02:00:09,689 --> 02:00:07,059
and discover some new ones it's free

2652
02:00:12,000 --> 02:00:09,699
readily available online or on mobile

2653
02:00:13,890 --> 02:00:12,010
with any smartphone or tablet finding

2654
02:00:16,620 --> 02:00:13,900
your favorite talk shows all in one

2655
02:00:19,199 --> 02:00:16,630
place has gotten a whole lot easier just

2656
02:00:21,149 --> 02:00:19,209
go to talk stream live calm be sure to

2657
02:00:25,799 --> 02:00:21,159
download the free apps from Google Play

2658
02:00:28,259 --> 02:00:25,809
or the itunes app store when you take

2659
02:00:30,810 --> 02:00:28,269
the beans from Central America with

2660
02:00:32,910 --> 02:00:30,820
dashes of indonesian and african mixed

2661
02:00:36,120 --> 02:00:32,920
in and then roast it to the dark side of

2662
02:00:39,660 --> 02:00:36,130
fade to black you create the ultimate

2663
02:00:42,899 --> 02:00:39,670

brew of Fringe introducing the fade to

2664

02:00:46,229 --> 02:00:42,909

black blend from river moon coffee yes

2665

02:00:49,229 --> 02:00:46,239

River moons darkest customized roast was

2666

02:00:52,259 --> 02:00:49,239

created for the love of fade to black

2667

02:00:54,899 --> 02:00:52,269

the alchemy of masterful roasting and

2668

02:00:55,859 --> 02:00:54,909

smoking the beans is in every sip of

2669

02:01:00,780 --> 02:00:55,869

this full

2670

02:01:01,589 --> 02:01:00,790

dark Java I need my coffee doc deep with

2671

02:01:03,810 --> 02:01:01,599

disdain

2672

02:01:06,510 --> 02:01:03,820

bittersweet chocolate highlights just

2673

02:01:08,939 --> 02:01:06,520

like the bunker leaning further into the

2674

02:01:12,240 --> 02:01:08,949

darkness of the roast is fade to black

2675

02:01:13,890 --> 02:01:12,250

blend from River moon coffee just click

2676
02:01:17,220 --> 02:01:13,900
on the banner at Jimmy Church radio.com

2677
02:01:22,340 --> 02:01:17,230
and use the promo code F to B blend for

2678
02:01:24,800 --> 02:01:22,350
15% off of your order today gobekli tepe

2679
02:01:28,890 --> 02:01:24,810
[Music]

2680
02:01:32,100 --> 02:01:28,900
what's up fade or not studio dumb loved

2681
02:01:34,200 --> 02:01:32,110
fade to black and f2b audience so much

2682
02:01:37,020 --> 02:01:34,210
that they have put together the ultimate

2683
02:01:38,370 --> 02:01:37,030
stereo Bluetooth system they've done it

2684
02:01:42,629 --> 02:01:38,380
just for you

2685
02:01:45,419 --> 02:01:42,639
man check it out the studio dome SBB two

2686
02:01:49,229 --> 02:01:45,429
stereo system is here it's featuring

2687
02:01:51,570 --> 02:01:49,239
two studio boombox two SBB two wireless

2688
02:01:54,030 --> 02:01:51,580

Bluetooth speakers pack in its own

2689

02:01:56,160 --> 02:01:54,040

custom March okay this studio dome

2690

02:01:59,070 --> 02:01:56,170

system features the very latest in

2691

02:02:02,430 --> 02:01:59,080

stereo bluetooth technology the two full

2692

02:02:04,890 --> 02:02:02,440

range boom boxes are in true Wireless

2693

02:02:07,169 --> 02:02:04,900

stereos you've got to hear this it's

2694

02:02:10,129 --> 02:02:07,179

amazing it's just a hundred and twenty

2695

02:02:13,189 --> 02:02:10,139

nine bucks and use the promo code gt-r

2696

02:02:15,990 --> 02:02:13,199

tws and you'll also get free shipping

2697

02:02:18,629 --> 02:02:16,000

it's simple just go to Jimmy Church

2698

02:02:21,860 --> 02:02:18,639

radio.com click on the studio dome

2699

02:02:30,210 --> 02:02:21,870

banner gobekli tepe

2700

02:02:44,710 --> 02:02:33,910

it's not a lifestyle we chose we were

2701
02:02:49,530 --> 02:02:44,720
born this way k GRA radio.com this is KJ

2702
02:02:49,540 --> 02:02:59,840
[Music]

2703
02:03:05,090 --> 02:03:01,950
welcome back to Veda black Camaro

2704
02:03:07,740 --> 02:03:05,100
cemetery guest tonight Mark Dantonio

2705
02:03:11,550 --> 02:03:07,750
this portion of the broadcast is brought

2706
02:03:13,050 --> 02:03:11,560
to you by life change T let's go right

2707
02:03:13,920 --> 02:03:13,060
now go to the banners over Timmy Church

2708
02:03:16,920 --> 02:03:13,930
radio.com

2709
02:03:20,970 --> 02:03:16,930
takes you to get the t-dot-com

2710
02:03:23,430 --> 02:03:20,980
just mention fader fa ber either online

2711
02:03:24,900 --> 02:03:23,440
or over the phone when you order and you

2712
02:03:27,210 --> 02:03:24,910
will get yourself free shipping and

2713
02:03:29,550 --> 02:03:27,220

they've got a special right now on the T

2714

02:03:31,230 --> 02:03:29,560

this month so go and check that out on

2715

02:03:34,590 --> 02:03:31,240

the specials page or Gus and I Mark

2716

02:03:36,990 --> 02:03:34,600

Dantonio now mark before we move on to

2717

02:03:39,660 --> 02:03:37,000

exoplanets we're just talking about the

2718

02:03:44,310 --> 02:03:39,670

Dragonfly drones and carrot the one

2719

02:03:46,020 --> 02:03:44,320

thing first off I just convinced my eyes

2720

02:03:49,110 --> 02:03:46,030

say that there was something magical

2721

02:03:51,660 --> 02:03:49,120

captured here I'm not sure what it is

2722

02:03:55,260 --> 02:03:51,670

that's my opinion but the other thing

2723

02:03:56,970 --> 02:03:55,270

for me is nobody's been busted in this

2724

02:03:58,920 --> 02:03:56,980

hoax you would have thought that

2725

02:04:00,810 --> 02:03:58,930

somebody would have called you know some

2726

02:04:04,170 --> 02:04:00,820

disgruntled girlfriend you know my

2727

02:04:06,600 --> 02:04:04,180

boyfriend did this in his bedroom and we

2728

02:04:08,850 --> 02:04:06,610

have that Plus these apparently were

2729

02:04:11,100 --> 02:04:08,860

taken at different sections around the

2730

02:04:13,350 --> 02:04:11,110

country this didn't happen just at once

2731

02:04:16,770 --> 02:04:13,360

it happened over a length of time and

2732

02:04:18,780 --> 02:04:16,780

the the carrot aspect of it seemed to be

2733

02:04:20,520 --> 02:04:18,790

like a little bit separate and wasn't

2734

02:04:24,690 --> 02:04:20,530

actually part of the dragon fly drones

2735

02:04:26,730 --> 02:04:24,700

until much later so why hasn't somebody

2736

02:04:30,180 --> 02:04:26,740

been busted in this hoax or have you

2737

02:04:31,500 --> 02:04:30,190

gotten close to that I think this other

2738

02:04:33,390 --> 02:04:31,510

reason it's always been busted is

2739

02:04:35,130 --> 02:04:33,400

because it didn't do what was intended

2740

02:04:39,720 --> 02:04:35,140

it didn't actually get enough traction

2741

02:04:43,470 --> 02:04:39,730

in their hoax world to cause people to

2742

02:04:46,920 --> 02:04:43,480

lose money on a hoax and thus level a

2743

02:04:48,960 --> 02:04:46,930

lawsuit or take them to task for it it

2744

02:04:50,970 --> 02:04:48,970

was viewed as a silly thing and no one

2745

02:04:53,610 --> 02:04:50,980

actually actually ended up taking it in

2746

02:04:56,610 --> 02:04:53,620

the vein of we're going to prosecute

2747

02:04:58,710 --> 02:04:56,620

because it wasn't in my view it wasn't

2748

02:05:01,140 --> 02:04:58,720

something worth prosecuting it was just

2749

02:05:03,240 --> 02:05:01,150

a hoax

2750

02:05:06,120 --> 02:05:03,250

just like we won't look at hoaxes on

2751

02:05:07,890 --> 02:05:06,130

YouTube all the time but just for me it

2752

02:05:10,740 --> 02:05:07,900

was different though we had pages and

2753

02:05:12,419 --> 02:05:10,750

pages of well-written documents and

2754

02:05:15,660 --> 02:05:12,429

typesetting and

2755

02:05:18,500 --> 02:05:15,670

and and writing and of course then you

2756

02:05:22,110 --> 02:05:18,510

have the other aspect of somebody was

2757

02:05:25,560 --> 02:05:22,120

you know building these models in CG and

2758

02:05:28,830 --> 02:05:25,570

and creating these series of photographs

2759

02:05:31,709 --> 02:05:28,840

over the trees and and it wasn't that

2760

02:05:35,550 --> 02:05:31,719

the telephone pole one was just one of a

2761

02:05:38,189 --> 02:05:35,560

series of shots very very very elaborate

2762

02:05:40,950 --> 02:05:38,199

and time-consuming that would you know

2763

02:05:43,680 --> 02:05:40,960

potentially especially back then take a

2764

02:05:48,330 --> 02:05:43,690

year or two to put this entire thing

2765

02:05:51,419 --> 02:05:48,340

together why do it you know I because

2766

02:05:54,300 --> 02:05:51,429

the the end of the day if you're

2767

02:05:57,270 --> 02:05:54,310

successful in getting two million people

2768

02:06:00,390 --> 02:05:57,280

to think that this thing was coming in

2769

02:06:03,209 --> 02:06:00,400

over the pine trees in lake tahoe okay

2770

02:06:07,020 --> 02:06:03,219

or you were you were successful in

2771

02:06:11,430 --> 02:06:07,030

getting enough people to believe that

2772

02:06:13,080 --> 02:06:11,440

that this carrot program was real you

2773

02:06:14,580 --> 02:06:13,090

know you get a personal satisfaction for

2774

02:06:17,850 --> 02:06:14,590

that why do hoaxers do anything that

2775

02:06:20,459 --> 02:06:17,860

they do you know it's hard to say and i

2776

02:06:22,830 --> 02:06:20,469

don't know what what mental imbalance

2777

02:06:24,750 --> 02:06:22,840

for instance a person has to reach

2778

02:06:28,410 --> 02:06:24,760

before they decide I'm going to do

2779

02:06:32,970 --> 02:06:28,420

hoaxing asked Billy Meyer you know when

2780

02:06:35,340 --> 02:06:32,980

did he decide to do the hoaxing part of

2781

02:06:38,580 --> 02:06:35,350

this and when did he decide that he had

2782

02:06:40,080 --> 02:06:38,590

to okay and this may also be

2783

02:06:43,649 --> 02:06:40,090

controversial for some of your folks but

2784

02:06:45,930 --> 02:06:43,659

when did stand enrollment at the side he

2785

02:06:48,470 --> 02:06:45,940

had to start faking things to make it

2786

02:06:52,370 --> 02:06:48,480

look real did he have a real experience

2787

02:06:56,550 --> 02:06:52,380

everything that he did in recent years

2788

02:06:58,830 --> 02:06:56,560

tends to put cast doubt on it now no I

2789

02:07:00,390 --> 02:06:58,840

caught him slinging a USB Drive at his

2790

02:07:01,979 --> 02:07:00,400

head I caught him flinging a pen in his

2791

02:07:03,720 --> 02:07:01,989

head when he was doing a Skype interview

2792

02:07:06,180 --> 02:07:03,730

with an Australian guy for instance I

2793

02:07:09,720 --> 02:07:06,190

know and I caught him preparing a voice

2794

02:07:12,630 --> 02:07:09,730

machine when he was on a radio show with

2795

02:07:14,820 --> 02:07:12,640

Alejandro Rojas and I heard it saying

2796

02:07:16,740 --> 02:07:14,830

you had better really you better really

2797

02:07:18,600 --> 02:07:16,750

and I was like what's that and then nine

2798

02:07:20,939 --> 02:07:18,610

minutes later I found out because while

2799

02:07:22,470 --> 02:07:20,949

Alejandro was talking I heard you better

2800

02:07:25,670 --> 02:07:22,480

really learn to keep your mouth shut

2801

02:07:27,350 --> 02:07:25,680

and I went oh I can't believe it he was

2802

02:07:29,480 --> 02:07:27,360

perronnette while Alejandro was doing a

2803

02:07:31,610 --> 02:07:29,490

public service announcement and he does

2804

02:07:33,020 --> 02:07:31,620

his mic was off you know and so I

2805

02:07:34,850 --> 02:07:33,030

published that I published the other

2806

02:07:36,440 --> 02:07:34,860

thing I saw I wasn't the only one that

2807

02:07:38,590 --> 02:07:36,450

found these things for a lot of people

2808

02:07:40,880 --> 02:07:38,600

probably think so why do people do that

2809

02:07:44,540 --> 02:07:40,890

why did they damage their credibility

2810

02:07:46,280 --> 02:07:44,550

why do they feel the need to keep keep

2811

02:07:49,850 --> 02:07:46,290

something rollin why can't we just say

2812

02:07:50,630 --> 02:07:49,860

ah you know you might have seen an alien

2813

02:07:53,900 --> 02:07:50,640

okay

2814

02:07:56,030 --> 02:07:53,910

but why why do you reach a point where

2815

02:07:58,250 --> 02:07:56,040

you then have to fake it what drives

2816

02:08:00,260 --> 02:07:58,260

someone to that point that's very

2817

02:08:02,630 --> 02:08:00,270

interesting to me I'd like to know what

2818

02:08:04,420 --> 02:08:02,640

drove Billy Myers at that point I'd like

2819

02:08:07,310 --> 02:08:04,430

to know what drove stands at that point

2820

02:08:09,410 --> 02:08:07,320

you know and sometimes people just do it

2821

02:08:10,790 --> 02:08:09,420

for fun you know and then it gets

2822

02:08:12,200 --> 02:08:10,800

trashed and then you got to stick to it

2823

02:08:14,660 --> 02:08:12,210

because oh boy no they found my heart

2824

02:08:16,340 --> 02:08:14,670

better keep the story up you know

2825

02:08:18,740 --> 02:08:16,350

because they found out it was it was

2826
02:08:21,560 --> 02:08:18,750
know that you know it's fake but then a

2827
02:08:24,440 --> 02:08:21,570
gain traction no nationwide story yeah

2828
02:08:26,540 --> 02:08:24,450
yeah all the UFOs over my barn yeah well

2829
02:08:29,690 --> 02:08:26,550
now you're stuck with it yeah well and

2830
02:08:33,710 --> 02:08:29,700
what okay so it's talking about hoaxes

2831
02:08:36,530 --> 02:08:33,720
then we have Apollo now as you have

2832
02:08:40,940 --> 02:08:36,540
looked at all of this photo analysis and

2833
02:08:43,430 --> 02:08:40,950
video analysis over the years what do

2834
02:08:46,790 --> 02:08:43,440
you think about that datum first off did

2835
02:08:49,070 --> 02:08:46,800
we go to the moon I actually do believe

2836
02:08:51,770 --> 02:08:49,080
in in fact on NASA's unexplained files I

2837
02:08:54,670 --> 02:08:51,780
can't remember if it's eaten one or two

2838
02:08:59,120 --> 02:08:54,680

I actually they tasked me with saying

2839

02:09:02,480 --> 02:08:59,130

can you show us why the people to say we

2840

02:09:05,810 --> 02:09:02,490

didn't go to the moon are wrong I said I

2841

02:09:09,220 --> 02:09:05,820

can give you my evidence yes and that

2842

02:09:14,690 --> 02:09:09,230

took me down a path right I literally

2843

02:09:17,090 --> 02:09:14,700

created lunar soil from studying it and

2844

02:09:19,250 --> 02:09:17,100

studying the its its actual properties

2845

02:09:22,070 --> 02:09:19,260

the static properties and selected

2846

02:09:25,550 --> 02:09:22,080

properties and its glassy properties

2847

02:09:27,530 --> 02:09:25,560

actually recreated lunar soil and and it

2848

02:09:29,240 --> 02:09:27,540

took me about a couple months it's

2849

02:09:31,880 --> 02:09:29,250

actually recreated vat of it and and

2850

02:09:33,560 --> 02:09:31,890

when I did it did all the same clumping

2851
02:09:36,770 --> 02:09:33,570
and everything so I was able to show how

2852
02:09:38,090 --> 02:09:36,780
lunar soil acts for one thing and

2853
02:09:39,560 --> 02:09:38,100
because there are a lot of things on the

2854
02:09:42,320 --> 02:09:39,570
moon that people say look this is

2855
02:09:45,140 --> 02:09:42,330
arched you know bridge over a canyon is

2856
02:09:46,930 --> 02:09:45,150
amazing you know and I showed them my

2857
02:09:49,610 --> 02:09:46,940
lunar soil setup how that was actually

2858
02:09:50,960 --> 02:09:49,620
two valleys next to each other and the

2859
02:09:52,490 --> 02:09:50,970
central ridge between them was just

2860
02:09:56,330 --> 02:09:52,500
illuminated by a low angle Sun and

2861
02:09:59,210 --> 02:09:56,340
because of the lack of you know HDR

2862
02:10:01,460 --> 02:09:59,220
photography HDR photography in those

2863
02:10:03,650 --> 02:10:01,470

days we had very sharp contrast between

2864

02:10:05,630 --> 02:10:03,660

the moon and the shadows and the shadows

2865

02:10:07,700 --> 02:10:05,640

were lost there was nothing in the

2866

02:10:09,980 --> 02:10:07,710

shadows to see so there was no data

2867

02:10:12,200 --> 02:10:09,990

there to show it was actually a valley

2868

02:10:15,710 --> 02:10:12,210

so it's all supposition well what about

2869

02:10:19,010 --> 02:10:15,720

what you have a very powerful telescope

2870

02:10:22,550 --> 02:10:19,020

right yes can you can you see the lunar

2871

02:10:23,900 --> 02:10:22,560

lander front with your telescope no and

2872

02:10:25,490 --> 02:10:23,910

the Hubble telescope couldn't even do it

2873

02:10:29,090 --> 02:10:25,500

either and the reason for that is

2874

02:10:30,620 --> 02:10:29,100

because it has a matter of scale the

2875

02:10:32,630 --> 02:10:30,630

Hubble telescope princess let's take

2876

02:10:35,240 --> 02:10:32,640

that you'll see things in the pixel

2877

02:10:38,030 --> 02:10:35,250

range you know when you look at but when

2878

02:10:40,130 --> 02:10:38,040

you look at the moon landing sites the

2879

02:10:42,940 --> 02:10:40,140

site of a lunar landing would fall well

2880

02:10:45,830 --> 02:10:42,950

within the range of a single pixel and

2881

02:10:48,800 --> 02:10:45,840

you know in other words a single pixel

2882

02:10:52,390 --> 02:10:48,810

would show much of that landing site at

2883

02:10:58,100 --> 02:10:52,400

this distance and scale so it's not

2884

02:10:59,300 --> 02:10:58,110

practical or possible to show the lunar

2885

02:11:01,640 --> 02:10:59,310

landing sites with the most powerful

2886

02:11:03,320 --> 02:11:01,650

pulse which we have at the moment we do

2887

02:11:05,150 --> 02:11:03,330

however see the landing sites in all

2888

02:11:08,420 --> 02:11:05,160

clarity with the Lunar Reconnaissance

2889

02:11:11,960 --> 02:11:08,430

Orbiter and you know your listeners knew

2890

02:11:14,240 --> 02:11:11,970

in fact go to look up the LRO Lunar

2891

02:11:16,690 --> 02:11:14,250

Reconnaissance Orbiter quick map you

2892

02:11:18,710 --> 02:11:16,700

know all one word LRO quick map and

2893

02:11:20,810 --> 02:11:18,720

there's an image of the moon that comes

2894

02:11:22,180 --> 02:11:20,820

up and you're free to go navigating and

2895

02:11:27,520 --> 02:11:22,190

you can just scroll in with the mouse

2896

02:11:31,340 --> 02:11:27,530

right down to five meters per pixel of

2897

02:11:33,050 --> 02:11:31,350

scale in many places so when you scroll

2898

02:11:35,780 --> 02:11:33,060

into the Apollo landing sites you see

2899

02:11:37,490 --> 02:11:35,790

the trails made by the lunar Rovers you

2900

02:11:39,770 --> 02:11:37,500

see the descent stage you see the owl

2901
02:11:43,850 --> 02:11:39,780
set experiments on the moon you actually

2902
02:11:46,340 --> 02:11:43,860
see the the objects that were said to be

2903
02:11:48,980 --> 02:11:46,350
there all alone and that's the thing

2904
02:11:51,140 --> 02:11:48,990
that I think is really important as we

2905
02:11:53,360 --> 02:11:51,150
get better technology we can do this now

2906
02:11:56,060 --> 02:11:53,370
people are always going to say

2907
02:11:59,900 --> 02:11:56,070
well let's just all think data to one

2908
02:12:02,060 --> 02:11:59,910
end it's one end well yeah I understand

2909
02:12:04,160 --> 02:12:02,070
no endgame here but I understand that

2910
02:12:07,010 --> 02:12:04,170
part of it but what I'm confused well I

2911
02:12:10,850 --> 02:12:07,020
have a hundred things I could list right

2912
02:12:15,320 --> 02:12:10,860
now where I have issues with but the and

2913
02:12:17,990 --> 02:12:15,330

I'm not let me say this I went through

2914

02:12:20,510 --> 02:12:18,000

just like you I was a child of the 60s I

2915

02:12:23,240 --> 02:12:20,520

had my favorite astronaut I had you know

2916

02:12:28,550 --> 02:12:23,250

everybody wanted to do we were all team

2917

02:12:31,490 --> 02:12:28,560

Apollo I get that Gemini mercury I had a

2918

02:12:34,790 --> 02:12:31,500

million drawings that I did I was fully

2919

02:12:36,830 --> 02:12:34,800

engaged but what I know now as an adult

2920

02:12:39,710 --> 02:12:36,840

with our technology from back then with

2921

02:12:43,250 --> 02:12:39,720

what we have now today I don't know how

2922

02:12:46,490 --> 02:12:43,260

the hell we even got there but that's

2923

02:12:49,010 --> 02:12:46,500

the truth - that was magic but with

2924

02:12:50,750 --> 02:12:49,020

Hubble and with the telescopes that we

2925

02:12:54,700 --> 02:12:50,760

have today but with the Hubble that can

2926

02:12:58,250 --> 02:12:54,710

see distant galaxies by the by the

2927

02:13:00,620 --> 02:12:58,260

bazillion and why can't we have these

2928

02:13:02,530 --> 02:13:00,630

high-res photographs of the moon I mean

2929

02:13:05,390 --> 02:13:02,540

that would be these extraordinary

2930

02:13:07,900 --> 02:13:05,400

photographs why don't we have that today

2931

02:13:10,760 --> 02:13:07,910

I don't I don't get the excuses well

2932

02:13:12,620 --> 02:13:10,770

here's the thing it doesn't matter if

2933

02:13:13,400 --> 02:13:12,630

we're looking at the moon or a distant

2934

02:13:15,230 --> 02:13:13,410

end of the universe

2935

02:13:17,420 --> 02:13:15,240

the Hubble only has a certain resolution

2936

02:13:19,790 --> 02:13:17,430

no matter what so the Hubble Space

2937

02:13:22,330 --> 02:13:19,800

Telescope isn't going to be able to put

2938

02:13:25,520 --> 02:13:22,340

detail within one pixel of its sensor

2939

02:13:27,470 --> 02:13:25,530

that's there if it's not there that that

2940

02:13:32,690 --> 02:13:27,480

goes for galaxies that goes for Apollo

2941

02:13:34,670 --> 02:13:32,700

no Landers okay and Earth we can't

2942

02:13:38,270 --> 02:13:34,680

possibly see that because the

2943

02:13:41,780 --> 02:13:38,280

atmospheric distortion is so bad we

2944

02:13:43,310 --> 02:13:41,790

can't even get close we reacted even way

2945

02:13:45,170 --> 02:13:43,320

the only possible way we could ever do

2946

02:13:47,750 --> 02:13:45,180

it is from space and then again the only

2947

02:13:49,400 --> 02:13:47,760

possible way we could do it again is in

2948

02:13:51,440 --> 02:13:49,410

orbit around the moon itself which is

2949

02:13:54,380 --> 02:13:51,450

how we had to do it which is why we see

2950

02:13:55,970 --> 02:13:54,390

it um so you know this I know that

2951

02:13:57,710 --> 02:13:55,980

there's a lot of objections people say

2952

02:13:59,360 --> 02:13:57,720

you know well the shadows are going the

2953

02:14:01,100 --> 02:13:59,370

wrong way actually they're not I

2954

02:14:03,680 --> 02:14:01,110

actually built a moon

2955

02:14:06,919 --> 02:14:03,690

I built a lunar surface here in my shop

2956

02:14:09,919 --> 02:14:06,929

and I got a light from the sound

2957

02:14:12,830 --> 02:14:09,929

jump at the studio I put it at the end

2958

02:14:14,299 --> 02:14:12,840

of the studio in my studio and had the

2959

02:14:17,270 --> 02:14:14,309

light falling on the craters at a low

2960

02:14:19,489 --> 02:14:17,280

angle just like the Apollo mission and I

2961

02:14:21,169 --> 02:14:19,499

showed the light in the craters where

2962

02:14:25,549 --> 02:14:21,179

the astronauts which I also had and the

2963

02:14:28,310 --> 02:14:25,559

lunar module which I had full detail and

2964

02:14:30,169 --> 02:14:28,320

actually showed how the light was going

2965

02:14:32,959 --> 02:14:30,179

all the wrong way and it was just one

2966

02:14:36,759 --> 02:14:32,969

light so what we just proved though is

2967

02:14:41,209 --> 02:14:36,769

that we could shoot here on earth and we

2968

02:14:43,810 --> 02:14:41,219

didn't actually go to the moon what I

2969

02:14:45,979 --> 02:14:43,820

know you think you're clever with that

2970

02:14:48,290 --> 02:14:45,989

okay and I knew you were going to go

2971

02:14:51,290 --> 02:14:48,300

down that path right ready for you right

2972

02:14:54,379 --> 02:14:51,300

we'll find out okay because the fact is

2973

02:14:58,189 --> 02:14:54,389

yes we could create very convincing

2974

02:15:01,879 --> 02:14:58,199

lunar photography but at the time of

2975

02:15:05,449 --> 02:15:01,889

Apollo we didn't have the technology to

2976

02:15:08,839 --> 02:15:05,459

create what we saw when we saw the

2977

02:15:11,359 --> 02:15:08,849

astronauts in weightless conditions we

2978

02:15:14,929 --> 02:15:11,369

didn't have the ability for instance to

2979

02:15:18,229 --> 02:15:14,939

create the dust flying off their feet on

2980

02:15:22,189 --> 02:15:18,239

the moon in one-sixth gravity in exactly

2981

02:15:24,919 --> 02:15:22,199

the right trajectory distance and fall

2982

02:15:26,839 --> 02:15:24,929

rate that would be in one-sixth gravity

2983

02:15:29,810 --> 02:15:26,849

and it's not a matter of just going into

2984

02:15:32,120 --> 02:15:29,820

slow motion it's a matter of this debris

2985

02:15:34,189 --> 02:15:32,130

that they kicked through their feet goes

2986

02:15:37,819 --> 02:15:34,199

up a certain distance on the earth and

2987

02:15:41,359 --> 02:15:37,829

falls down on the moon it goes up six

2988

02:15:43,250 --> 02:15:41,369

times higher and falls down and it did

2989

02:15:44,810 --> 02:15:43,260

that on the moon it didn't do that on

2990

02:15:47,179 --> 02:15:44,820

the earth and if they recorded it on the

2991

02:15:49,640 --> 02:15:47,189

earth and did it on the earth

2992

02:15:51,140 --> 02:15:49,650

look out okay it would have been obvious

2993

02:15:52,850 --> 02:15:51,150

because you would have seen that and it

2994

02:15:54,049 --> 02:15:52,860

didn't it acted just like on the moon

2995

02:15:56,509 --> 02:15:54,059

but where could you see that the best

2996

02:15:58,219 --> 02:15:56,519

with a lunar rover when the lunar rover

2997

02:16:01,429 --> 02:15:58,229

was driving around it kicked up rooster

2998

02:16:03,770 --> 02:16:01,439

tails remember that yes I do

2999

02:16:06,020 --> 02:16:03,780

those rooster tails right those were the

3000

02:16:08,209 --> 02:16:06,030

tails no matter how light the material

3001

02:16:09,949 --> 02:16:08,219

might be those rooster tails wouldn't

3002

02:16:12,109 --> 02:16:09,959

exist in the same exact way on the earth

3003

02:16:14,929 --> 02:16:12,119

the trajectory they followed the ball

3004

02:16:18,290 --> 02:16:14,939

rate everything matched 1/6 earth

3005

02:16:20,180 --> 02:16:18,300

gravity there was no technology back

3006

02:16:22,640 --> 02:16:20,190

then to do that

3007

02:16:26,990 --> 02:16:22,650

so I mean in a sense I don't have to go

3008

02:16:29,000 --> 02:16:27,000

much farther but I will when the

3009

02:16:30,860 --> 02:16:29,010

argument that said we couldn't get out

3010

02:16:32,840 --> 02:16:30,870

of going to outer space because of the

3011

02:16:35,930 --> 02:16:32,850

Van Allen radiation belts and people say

3012

02:16:37,520 --> 02:16:35,940

that actually that's not true if that

3013

02:16:39,500 --> 02:16:37,530

was the case then we could never have

3014

02:16:41,780 --> 02:16:39,510

sent any probes out of the Earth's

3015

02:16:43,850 --> 02:16:41,790

atmosphere they would have been fried by

3016

02:16:45,620 --> 02:16:43,860

radiation but we've landed on Mars

3017

02:16:46,790 --> 02:16:45,630

several times we went by Pluto just

3018

02:16:48,950 --> 02:16:46,800

recently with New Horizons

3019

02:16:50,870 --> 02:16:48,960

we've got Cassini and Jupiter I'm sorry

3020

02:16:55,160 --> 02:16:50,880

Saturn we've got Juno with Jupiter and

3021

02:16:57,440 --> 02:16:55,170

we landed a little probe on an asteroid

3022

02:16:59,540 --> 02:16:57,450

from rosetta mission I'm sorry to

3023

02:17:03,770 --> 02:16:59,550

comment and we also you know have been

3024

02:17:06,110 --> 02:17:03,780

on Titan with the Huygens probe so how

3025

02:17:07,430 --> 02:17:06,120

could that happen if the radiation

3026

02:17:09,860 --> 02:17:07,440

wasn't affecting it and you'll say oh

3027

02:17:13,850 --> 02:17:09,870

well they'll just shield that you know

3028

02:17:14,750 --> 02:17:13,860

they shielded the craft actually no they

3029

02:17:17,720 --> 02:17:14,760

shield them anyway

3030

02:17:19,430 --> 02:17:17,730

because of cosmic rays all right and in

3031

02:17:22,910 --> 02:17:19,440

one episode of NASA's unexplained I

3032

02:17:26,510 --> 02:17:22,920

actually had to mine what on earth I had

3033

02:17:28,070 --> 02:17:26,520

to actually discuss the fact that

3034

02:17:30,110 --> 02:17:28,080

astronauts on the way to the moon were

3035

02:17:32,630 --> 02:17:30,120

seeing flashes of light in the retinas

3036

02:17:35,660 --> 02:17:32,640

and no one knew what that was at the

3037

02:17:39,260 --> 02:17:35,670

time well it turns out they were cosmic

3038

02:17:41,419 --> 02:17:39,270

rays hitting their retinas now cosmic

3039

02:17:43,490 --> 02:17:41,429

rays come from all over the universe and

3040

02:17:45,709 --> 02:17:43,500

they strike us on the retinas okay right

3041

02:17:47,930 --> 02:17:45,719

but on the earth were somewhat protected

3042

02:17:51,080 --> 02:17:47,940

out there in space were kind of just

3043

02:17:53,090 --> 02:17:51,090

naked and afraid and bam we can get

3044

02:17:54,740 --> 02:17:53,100

nailed with cosmic rays so that's what

3045

02:17:56,480 --> 02:17:54,750

they were seeing and actually had an

3046

02:17:58,430 --> 02:17:56,490

experiment when they put a black hood

3047

02:18:00,950 --> 02:17:58,440

over their heads and it was a special

3048

02:18:02,840 --> 02:18:00,960

chamber and they were made to count all

3049

02:18:04,850 --> 02:18:02,850

the cosmic rays because nobody knew what

3050

02:18:07,120 --> 02:18:04,860

that wasn't the time I remember it yeah

3051
02:18:09,350 --> 02:18:07,130
remember that yeah it was very cool so

3052
02:18:12,560 --> 02:18:09,360
we got to the Van Allen belts with no

3053
02:18:13,820 --> 02:18:12,570
problem how because of the way that Van

3054
02:18:15,650 --> 02:18:13,830
Allen belts are structured and because

3055
02:18:18,140 --> 02:18:15,660
of how they're made the Van Allen belts

3056
02:18:21,830 --> 02:18:18,150
are made from our magnetosphere our

3057
02:18:23,450 --> 02:18:21,840
magnetic field so that means that these

3058
02:18:24,950 --> 02:18:23,460
charged particles from the Sun that are

3059
02:18:27,410 --> 02:18:24,960
streaming towards all the time including

3060
02:18:27,919 --> 02:18:27,420
some very highly energetic particles get

3061
02:18:30,950 --> 02:18:27,929
trapped

3062
02:18:32,840 --> 02:18:30,960
sometimes by that magnetic field those

3063
02:18:33,660 --> 02:18:32,850

become the Van Allen radiation belts and

3064

02:18:45,179 --> 02:18:33,670

the

3065

02:18:47,339 --> 02:18:45,189

Pole is those bells dive right in and

3066

02:18:50,580 --> 02:18:47,349

they go down toward the North Pole and

3067

02:18:52,769 --> 02:18:50,590

go up toward the South Pole and thus

3068

02:18:55,139 --> 02:18:52,779

when they want to leave the Earth orbit

3069

02:18:57,649 --> 02:18:55,149

what do they do they just set up their

3070

02:19:01,889 --> 02:18:57,659

trajectory so that they exit earth

3071

02:19:04,320 --> 02:19:01,899

environs via the poles wiring but why

3072

02:19:06,570 --> 02:19:04,330

those first four minutes not hours yeah

3073

02:19:10,379 --> 02:19:06,580

yeah yeah I understand that but why

3074

02:19:13,049 --> 02:19:10,389

would NASA say today and they have that

3075

02:19:14,790 --> 02:19:13,059

when we figure out how to get through

3076

02:19:17,729 --> 02:19:14,800

the radiation of the Van Allen belt

3077

02:19:22,110 --> 02:19:17,739

we'll go back to the moon or we'll go to

3078

02:19:24,660 --> 02:19:22,120

Mars it seems a little bit of a paradox

3079

02:19:28,200 --> 02:19:24,670

or a little bit hypocritical because

3080

02:19:30,479 --> 02:19:28,210

we've already done that right well I

3081

02:19:33,059 --> 02:19:30,489

don't I don't care why I would say that

3082

02:19:35,160 --> 02:19:33,069

today I totally agree with that that's

3083

02:19:37,939 --> 02:19:35,170

that that statement is probably a

3084

02:19:41,160 --> 02:19:37,949

misunderstood not by you but a miss miss

3085

02:19:43,889 --> 02:19:41,170

stated Restatement of something that

3086

02:19:45,419 --> 02:19:43,899

NASA said okay because whenever you hear

3087

02:19:47,160 --> 02:19:45,429

something and you you got to hear the

3088

02:19:49,439 --> 02:19:47,170

guy say it you got to hear what he says

3089

02:19:51,599 --> 02:19:49,449

in his words I don't think I've seen the

3090

02:19:53,070 --> 02:19:51,609

press conference I've seen it come out

3091

02:19:55,590 --> 02:19:53,080

of his mouth and it's just like dude

3092

02:19:58,110 --> 02:19:55,600

what are you saying well then I'll see

3093

02:19:58,769 --> 02:19:58,120

that and then I'll tell you about it

3094

02:20:00,740 --> 02:19:58,779

later

3095

02:20:02,910 --> 02:20:00,750

fair enough fair enough fair enough no

3096

02:20:04,080 --> 02:20:02,920

like I said I'll tell you what I don't

3097

02:20:06,510 --> 02:20:04,090

know I have no problem with that because

3098

02:20:09,120 --> 02:20:06,520

you know intelligence and intellect is

3099

02:20:10,380 --> 02:20:09,130

my friend it's not my enemy and the only

3100

02:20:12,380 --> 02:20:10,390

way we're going to leave the planet is

3101

02:20:15,420 --> 02:20:12,390

by the rigorous application of science

3102

02:20:17,939 --> 02:20:15,430

not by not by people for instance that

3103

02:20:19,889 --> 02:20:17,949

are going to be you know you know trying

3104

02:20:21,149 --> 02:20:19,899

to do other things other than embrace

3105

02:20:23,429 --> 02:20:21,159

science because science is the only

3106

02:20:25,019 --> 02:20:23,439

things gonna rescue us you know because

3107

02:20:27,870 --> 02:20:25,029

the sun's gonna die someday and if I see

3108

02:20:30,689 --> 02:20:27,880

but that's down the line oh yeah well

3109

02:20:31,889 --> 02:20:30,699

when Bill Clinton I referenced this all

3110

02:20:34,740 --> 02:20:31,899

the time when it was on Jimmy Kimmel

3111

02:20:37,769 --> 02:20:34,750

just a few years ago you know yeah we're

3112

02:20:39,719 --> 02:20:37,779

in his famous quote for me that blows my

3113

02:20:41,330 --> 02:20:39,729

mind he said a lot of interesting things

3114

02:20:44,929 --> 02:20:41,340

but the most interesting thing for me

3115

02:20:47,551 --> 02:20:44,939

was he said you know we've discovered 25

3116

02:20:50,570 --> 02:20:47,561

exoplanets so there has to

3117

02:20:53,640 --> 02:20:50,580

life out there right at 25 here we are

3118

02:20:56,341 --> 02:20:53,650

three four years later now the number is

3119

02:21:00,810 --> 02:20:56,351

over 3,000 and we're adding to that

3120

02:21:02,640 --> 02:21:00,820

every single day we've found a lot of

3121

02:21:05,190 --> 02:21:02,650

very interesting planets out there and

3122

02:21:09,060 --> 02:21:05,200

the number is extraordinary the software

3123

02:21:11,640 --> 02:21:09,070

is now to the point that it said the

3124

02:21:15,421 --> 02:21:11,650

discoveries are easy and they're rapid

3125

02:21:19,020 --> 02:21:15,431

today do you think that we are being

3126
02:21:21,690 --> 02:21:19,030
visited right now um I'm going to tell

3127
02:21:24,900 --> 02:21:21,700
you right up front I I think that it I

3128
02:21:26,520 --> 02:21:24,910
think yes and I'll tell you why when I

3129
02:21:29,251 --> 02:21:26,530
started looking at exoplanets I figured

3130
02:21:30,631 --> 02:21:29,261
okay all right Kepler the Kepler space

3131
02:21:34,261 --> 02:21:30,641
telescope is turning up quite a number

3132
02:21:36,541 --> 02:21:34,271
of planets now we have to find planets

3133
02:21:39,301 --> 02:21:36,551
that are habitable why because we're a

3134
02:21:41,371 --> 02:21:39,311
species that needs to be in a not so hot

3135
02:21:43,381 --> 02:21:41,381
not so cold area that's all the

3136
02:21:45,570 --> 02:21:43,391
habitable zone around the star for us

3137
02:21:48,081 --> 02:21:45,580
it's one au astronomical unit 93 million

3138
02:21:50,791 --> 02:21:48,091

miles from the Sun okay no big deal but

3139

02:21:54,060 --> 02:21:50,801

when we look for other planets it's only

3140

02:21:55,140 --> 02:21:54,070

natural to look for planets like ours so

3141

02:21:58,581 --> 02:21:55,150

we're going to look for other planets

3142

02:22:00,690 --> 02:21:58,591

around habitable zones like ours so that

3143

02:22:02,070 --> 02:22:00,700

we could live there maybe we could live

3144

02:22:04,381 --> 02:22:02,080

there or maybe that's something we could

3145

02:22:05,940 --> 02:22:04,391

you know survive on and it's only

3146

02:22:06,541 --> 02:22:05,950

natural and another species is going to

3147

02:22:09,180 --> 02:22:06,551

do the same

3148

02:22:12,480 --> 02:22:09,190

now if another species is doing the same

3149

02:22:15,301 --> 02:22:12,490

thing then they will have found us and

3150

02:22:18,661 --> 02:22:15,311

you got to keep in mind earth is 4.5

3151
02:22:20,791 --> 02:22:18,671
billion years old the universe is 13.8

3152
02:22:23,461 --> 02:22:20,801
billion years old what does that tell

3153
02:22:24,781 --> 02:22:23,471
you that tell you that an awful lot of

3154
02:22:27,390 --> 02:22:24,791
the universe happened before we even

3155
02:22:28,621 --> 02:22:27,400
ever showed up that's right right so

3156
02:22:30,751 --> 02:22:28,631
there could have been a civilization

3157
02:22:33,591 --> 02:22:30,761
that came and went we could be a remnant

3158
02:22:35,310 --> 02:22:33,601
of an ancient civilization probably no

3159
02:22:38,820 --> 02:22:35,320
there's a whole lot of unanswered

3160
02:22:40,261 --> 02:22:38,830
questions about where we came from yes I

3161
02:22:43,890 --> 02:22:40,271
understand the fossil record I certainly

3162
02:22:44,970 --> 02:22:43,900
do with with you know just a inaugurated

3163
02:22:47,701 --> 02:22:44,980

detail

3164

02:22:49,831 --> 02:22:47,711

I understand evolution I understand the

3165

02:22:51,211 --> 02:22:49,841

the branches of evolution that have

3166

02:22:52,890 --> 02:22:51,221

occurred I understand evolutionary dead

3167

02:22:54,211 --> 02:22:52,900

ends I understand genetic material and

3168

02:22:57,930 --> 02:22:54,221

propagation blah blah blah blah

3169

02:23:01,680 --> 02:22:57,940

I understand all that the trouble is we

3170

02:23:03,390 --> 02:23:01,690

still have unanswered questions about

3171

02:23:07,080 --> 02:23:03,400

who we are where we are where we came

3172

02:23:10,530 --> 02:23:07,090

from where we seated we're rowing yeah

3173

02:23:12,990 --> 02:23:10,540

where we're going exactly yeah there's a

3174

02:23:14,940 --> 02:23:13,000

lot of planets out there and right now

3175

02:23:16,801 --> 02:23:14,950

Kepler was only looking at an area in

3176

02:23:18,540 --> 02:23:16,811

the sky that's the size of your fist out

3177

02:23:20,070 --> 02:23:18,550

stress at the end of your hand stretch

3178

02:23:21,470 --> 02:23:20,080

your your arm out they were looking into

3179

02:23:26,520 --> 02:23:21,480

constellation Cygnus which by the way

3180

02:23:27,990 --> 02:23:26,530

when it's night Cygnus is by wrong

3181

02:23:30,690 --> 02:23:28,000

midnight or so maybe 1:00 in the morning

3182

02:23:31,770 --> 02:23:30,700

Cygnus is directly overhead okay and

3183

02:23:35,100 --> 02:23:31,780

that's where that was where it was

3184

02:23:39,900 --> 02:23:35,110

looking and it found to date around

3185

02:23:43,350 --> 02:23:39,910

3,800 or so o candidates total and 3300

3186

02:23:44,790 --> 02:23:43,360

planets and a percentage of those a

3187

02:23:46,920 --> 02:23:44,800

small percentage is in the habitable

3188

02:23:48,000 --> 02:23:46,930

zone so you're saying well then that's

3189

02:23:51,450 --> 02:23:48,010

not a whole lot of planets out there

3190

02:23:53,761 --> 02:23:51,460

like us is it well actually it's a

3191

02:23:56,610 --> 02:23:53,771

massive number of planet like I have

3192

02:24:01,470 --> 02:23:56,620

some mass infinite amount it's so big

3193

02:24:03,780 --> 02:24:01,480

yeah it's a load of plastic okay I

3194

02:24:06,540 --> 02:24:03,790

self-centered it's a bit because of the

3195

02:24:09,060 --> 02:24:06,550

fact that we have perhaps 100 billion

3196

02:24:10,950 --> 02:24:09,070

stars in our galaxy and possibly 400

3197

02:24:12,960 --> 02:24:10,960

billion I mean it's anything in between

3198

02:24:14,131 --> 02:24:12,970

we don't even have an accurate count we

3199

02:24:16,140 --> 02:24:14,141

don't have the ability even count our

3200

02:24:17,761 --> 02:24:16,150

own stars yet all right we can count

3201

02:24:19,620 --> 02:24:17,771

other galaxies stars with no problem

3202

02:24:21,000 --> 02:24:19,630

because we're outside looking in right

3203

02:24:24,450 --> 02:24:21,010

but we're inside looking through and

3204

02:24:27,470 --> 02:24:24,460

that's that's harder so you know it so

3205

02:24:29,700 --> 02:24:27,480

let's say it 100 billion it looks like

3206

02:24:31,560 --> 02:24:29,710

remember that nighttime sky you looked

3207

02:24:33,051 --> 02:24:31,570

at you see the stars everywhere that

3208

02:24:38,011 --> 02:24:33,061

Milky Way is just brilliant

3209

02:24:40,530 --> 02:24:38,021

well the Milky Way's All Stars and we

3210

02:24:44,430 --> 02:24:40,540

now know that there are more planets

3211

02:24:46,591 --> 02:24:44,440

than stars in the universe okay that

3212

02:24:49,140 --> 02:24:46,601

tells us something that tells us that

3213

02:24:51,810 --> 02:24:49,150

there's more planets and stars that hey

3214

02:24:55,110 --> 02:24:51,820

look out I mean we have planets almost

3215

02:24:57,780 --> 02:24:55,120

everywhere we look and in in the Kepler

3216

02:24:59,610 --> 02:24:57,790

data if we just go over the data if we

3217

02:25:02,850 --> 02:24:59,620

extrapolate that data outward it tells

3218

02:25:04,650 --> 02:25:02,860

us that perhaps up to ten percent of the

3219

02:25:08,460 --> 02:25:04,660

stars in the galaxies have earth-like

3220

02:25:10,290 --> 02:25:08,470

planets in it let that sink in yeah that

3221

02:25:13,220 --> 02:25:10,300

means right that means that this

3222

02:25:15,270 --> 02:25:13,230

possibly 10 billion up to 40 billion

3223

02:25:17,730 --> 02:25:15,280

earth-like planets

3224

02:25:20,671 --> 02:25:17,740

here just here and by the and by the way

3225

02:25:23,820 --> 02:25:20,681

there's many billions of galaxies so you

3226

02:25:24,961 --> 02:25:23,830

know so the question of whether someone

3227

02:25:28,950 --> 02:25:24,971

might have been able to develop

3228

02:25:30,841 --> 02:25:28,960

interstellar technology to me is kind of

3229

02:25:33,511 --> 02:25:30,851

a moot point because we've only been

3230

02:25:36,570 --> 02:25:33,521

here for 50,000 history keeping years

3231

02:25:38,730 --> 02:25:36,580

okay 4.4 million if you want to count

3232

02:25:40,890 --> 02:25:38,740

Lucy yes you know Phillip ithacus

3233

02:25:44,910 --> 02:25:40,900

Africanness when you first started

3234

02:25:48,480 --> 02:25:44,920

walking as a bipedal creatures um and in

3235

02:25:50,970 --> 02:25:48,490

that time we already can see a future

3236

02:25:53,690 --> 02:25:50,980

where we can go interstellar enter

3237

02:25:56,251 --> 02:25:53,700

Miguel Alcubierre II a good year and

3238

02:25:58,921 --> 02:25:56,261

1994 when he came up with that warp

3239

02:26:01,110 --> 02:25:58,931

drive concept that's right which Ricky

3240

02:26:04,440 --> 02:26:01,120

named in deference to Gene Roddenberry

3241

02:26:07,080 --> 02:26:04,450

and that warp drive concept was

3242

02:26:09,470 --> 02:26:07,090

laughingly impossible because it

3243

02:26:12,180 --> 02:26:09,480

required to create the warp bubble a

3244

02:26:14,430 --> 02:26:12,190

planet the size of Jupiter converted all

3245

02:26:15,301 --> 02:26:14,440

to energy in order to get the energy to

3246

02:26:16,740 --> 02:26:15,311

make the warp bubble

3247

02:26:18,720 --> 02:26:16,750

well that was dependence and

3248

02:26:20,910 --> 02:26:18,730

unbelievably impossible so it became

3249

02:26:23,490 --> 02:26:20,920

what's called a thought problem and then

3250

02:26:25,860 --> 02:26:23,500

a few years ago that warped ring on that

3251

02:26:29,131 --> 02:26:25,870

ship that he designed was reworked

3252

02:26:31,470 --> 02:26:29,141

by another team and they discovered whoa

3253

02:26:35,310 --> 02:26:31,480

you don't need nearly that amount you

3254

02:26:37,350 --> 02:26:35,320

can actually do the same thing with an

3255

02:26:39,450 --> 02:26:37,360

equivalent energy that would correspond

3256

02:26:43,110 --> 02:26:39,460

to the mass of say the Voyager

3257

02:26:45,660 --> 02:26:43,120

spacecraft well NASA won and they heard

3258

02:26:48,570 --> 02:26:45,670

that today does that mean it's possible

3259

02:26:50,940 --> 02:26:48,580

and of course you know the NASA

3260

02:26:53,280 --> 02:26:50,950

scientist who thinks it is and he's

3261

02:26:55,980 --> 02:26:53,290

funded to look at the possibility of

3262

02:26:57,540 --> 02:26:55,990

having an out prove your drive at some

3263

02:27:00,060 --> 02:26:57,550

point in the future now we may be a

3264

02:27:01,801 --> 02:27:00,070

hundred years away now before the first

3265

02:27:03,150 --> 02:27:01,811

probe the Proxima Centauri and that is

3266

02:27:04,381 --> 02:27:03,160

what we're going to go of course that's

3267

02:27:07,171 --> 02:27:04,391

why we can no doubt

3268

02:27:09,301 --> 02:27:07,181

well we're stopping the closest that's

3269

02:27:12,211 --> 02:27:09,311

the first reason bang but the second

3270

02:27:15,330 --> 02:27:12,221

reason is it actually not only is it the

3271

02:27:19,131 --> 02:27:15,340

closest star but it is the closest

3272

02:27:21,450 --> 02:27:19,141

planet to us and it is nearly perfect

3273

02:27:22,620 --> 02:27:21,460

but this is what's funny about that

3274

02:27:24,600 --> 02:27:22,630

we're going to take a break I'm going to

3275

02:27:26,639 --> 02:27:24,610

keep you for overtime this year what's

3276

02:27:29,639 --> 02:27:26,649

funny about that mark

3277

02:27:32,399 --> 02:27:29,649

the closest star to us the closest

3278

02:27:35,819 --> 02:27:32,409

exoplanet to us is the last one we found

3279

02:27:38,189 --> 02:27:35,829

somebody help me here it doesn't even

3280

02:27:39,449 --> 02:27:38,199

make any sense let's take a break can I

3281

02:27:41,399 --> 02:27:39,459

get speak to that when you come back

3282

02:27:43,739 --> 02:27:41,409

can we take can I keep you for another

3283

02:27:46,379 --> 02:27:43,749

10 minutes sure that's what I'm talking

3284

02:27:49,919 --> 02:27:46,389

about Mark Dantonio is our guest tonight

3285

02:27:51,239 --> 02:27:49,929

take a quick break I just have to say

3286

02:27:53,879 --> 02:27:51,249

this is one of the best conversations

3287

02:27:57,149 --> 02:27:53,889

I've had in a long time but the point to

3288

02:27:58,349 --> 02:27:57,159

that is say that every night right we

3289

02:27:59,969 --> 02:27:58,359

just get better and better

3290

02:28:02,039 --> 02:27:59,979

this is fade to black our meals can be

3291

02:28:03,300 --> 02:28:02,049

cured stay with us more with Mark right

3292

02:28:04,770 --> 02:28:03,310

after this short break we'll be right

3293

02:28:23,611 --> 02:28:04,780

back

3294

02:28:29,261 --> 02:28:26,741

hey what up Joshua vivica bonds here and

3295

02:28:34,091 --> 02:28:29,271

you are listening to my boy Jimmy Church

3296

02:28:37,361 --> 02:28:34,101

on Jimmy George radio calm totally this

3297

02:28:44,921 --> 02:28:37,371

my ovular pendant reading a book will

3298

02:28:46,600 --> 02:28:44,931

not make you smarter so you went to

3299

02:28:47,731 --> 02:28:46,610

dinner last night you had your favorite

3300

02:28:50,711 --> 02:28:47,741

hosta

3301
02:28:54,191 --> 02:28:50,721
or maybe you had a heavy spicy meal in

3302
02:28:56,531 --> 02:28:54,201
the left tube is getit accom maybe you

3303
02:29:00,791 --> 02:28:56,541
mowed down a huge steak and your

3304
02:29:02,291 --> 02:29:00,801
plumbing is all plug get the t.com our

3305
02:29:05,171 --> 02:29:02,301
super strength tea will take care of

3306
02:29:08,680 --> 02:29:05,181
your occasional it's all organic and

3307
02:29:11,171 --> 02:29:08,690
non-gmo get rid of we have so many great

3308
02:29:14,231 --> 02:29:11,181
supplements but our super tea is number

3309
02:29:17,680 --> 02:29:14,241
one get the tea calm that get a tea calm

3310
02:29:20,981 --> 02:29:17,690
so you love talk radio then you'll love

3311
02:29:24,310 --> 02:29:20,991
talk stream live calm talk stream live

3312
02:29:26,411 --> 02:29:24,320
is always on 24/7 with the best dreamin

3313
02:29:28,481 --> 02:29:26,421

talk shows find your favorite talkers

3314

02:29:31,361 --> 02:29:28,491

and discover some new ones it's free

3315

02:29:33,041 --> 02:29:31,371

readily available online or on mobile

3316

02:29:35,051 --> 02:29:33,051

with any smartphone or tablet

3317

02:29:37,121 --> 02:29:35,061

finding your favorite talk shows all in

3318

02:29:40,511 --> 02:29:37,131

one place has gotten a whole lot easier

3319

02:29:42,401 --> 02:29:40,521

just go to talk stream live calm be sure

3320

02:29:46,961 --> 02:29:42,411

to download the free apps from Google

3321

02:29:49,691 --> 02:29:46,971

Play or the itunes app store when you

3322

02:29:52,241 --> 02:29:49,701

take the beans from Central America with

3323

02:29:54,371 --> 02:29:52,251

dashes of indonesian and african mixed

3324

02:29:57,551 --> 02:29:54,381

in and then roast it to the dark side of

3325

02:30:01,121 --> 02:29:57,561

fade to black you create the ultimate

3326

02:30:04,331 --> 02:30:01,131

brew of Fringe introducing the fade to

3327

02:30:07,661 --> 02:30:04,341

black blend from river moon coffee yes

3328

02:30:10,661 --> 02:30:07,671

River moons darkest customized roast was

3329

02:30:13,661 --> 02:30:10,671

created for the love of fade to black

3330

02:30:16,361 --> 02:30:13,671

the alchemy of masterful roasting and

3331

02:30:17,110 --> 02:30:16,371

smoking the beans is in every sip of

3332

02:30:20,770 --> 02:30:17,120

this

3333

02:30:23,560 --> 02:30:20,780

bodied dark Java I need my coffee doc

3334

02:30:26,950 --> 02:30:23,570

deep with distinct bittersweet chocolate

3335

02:30:29,200 --> 02:30:26,960

highlights just like the bunker leaning

3336

02:30:32,051 --> 02:30:29,210

further into the darkness of the roast

3337

02:30:34,750 --> 02:30:32,061

is fade to black blend from River moon

3338

02:30:36,850 --> 02:30:34,760

coffee just click on the banner at Jimmy

3339

02:30:40,180 --> 02:30:36,860

Church radio.com and use the promo code

3340

02:30:41,320 --> 02:30:40,190

F to B blend for 15% off of your order

3341

02:30:48,720 --> 02:30:41,330

today

3342

02:30:51,640 --> 02:30:48,730

Gobekli Tepe what's up fade or not

3343

02:30:54,670 --> 02:30:51,650

studio dumb love's fade the black and

3344

02:30:56,591 --> 02:30:54,680

f2b audience of so much that they have

3345

02:30:58,960 --> 02:30:56,601

put together the ultimate stereo

3346

02:31:02,830 --> 02:30:58,970

Bluetooth system they've done it just

3347

02:31:06,160 --> 02:31:02,840

for you man check it out the studio dome

3348

02:31:06,850 --> 02:31:06,170

SBB two stereo system is here it's

3349

02:31:10,420 --> 02:31:06,860

featuring

3350

02:31:13,030 --> 02:31:10,430

two studio boombox two SBB two wireless

3351

02:31:14,110 --> 02:31:13,040

Bluetooth speakers pack in its own

3352

02:31:16,511 --> 02:31:14,120

custom arch okay

3353

02:31:18,551 --> 02:31:16,521

this studio dome system features the

3354

02:31:21,730 --> 02:31:18,561

very latest in stereo bluetooth

3355

02:31:25,210 --> 02:31:21,740

technology the two full range boom boxes

3356

02:31:27,880 --> 02:31:25,220

are in true Wireless stereos you've got

3357

02:31:29,591 --> 02:31:27,890

to hear this it's amazing it's just a

3358

02:31:30,370 --> 02:31:29,601

hundred and twenty nine bucks and use

3359

02:31:34,511 --> 02:31:30,380

the promo code

3360

02:31:37,180 --> 02:31:34,521

Jinxy rtw s and you'll also get free

3361

02:31:39,730 --> 02:31:37,190

shipping it's simple just go to Jimmy

3362

02:31:43,300 --> 02:31:39,740

Church radio.com click on the studio

3363

02:31:51,671 --> 02:31:43,310

dome banner gobekli tepe

3364

02:32:04,001 --> 02:31:55,820

it's not alive now meteors we were born

3365

02:32:04,011 --> 02:32:10,970

this is his HDR to research radio ChaCha

3366

02:32:10,980 --> 02:32:22,080

[Music]

3367

02:32:27,100 --> 02:32:24,761

all right welcome back they do black

3368

02:32:31,870 --> 02:32:27,110

doing little overtime tonight with Mark

3369

02:32:36,190 --> 02:32:31,880

Dantonio talking about exoplanets and

3370

02:32:39,011 --> 02:32:36,200

technology and et and mark this is what

3371

02:32:42,310 --> 02:32:39,021

blows my mind and I'm in total agreement

3372

02:32:44,530 --> 02:32:42,320

with you we need to wrap our minds

3373

02:32:46,570 --> 02:32:44,540

around a couple of facts and the facts

3374

02:32:48,640 --> 02:32:46,580

are the age of the universe fourteen

3375

02:32:50,710 --> 02:32:48,650

billion years here we are at

3376

02:32:53,530 --> 02:32:50,720

four-and-a-half billion years on planet

3377

02:32:56,440 --> 02:32:53,540

Earth our technology in the last hundred

3378

02:32:59,890 --> 02:32:56,450

years out of four-and-a-half billion

3379

02:33:04,000 --> 02:32:59,900

years is right it's it's like it's that

3380

02:33:06,370 --> 02:33:04,010

fast and the last 20 years we have the

3381

02:33:08,860 --> 02:33:06,380

technology now to answer a lot of

3382

02:33:11,920 --> 02:33:08,870

questions we are advancing quickly but

3383

02:33:15,310 --> 02:33:11,930

now I can't snap my fingers fast enough

3384

02:33:18,190 --> 02:33:15,320

to represent what what amount of time

3385

02:33:21,430 --> 02:33:18,200

that is now if somebody out there of

3386

02:33:24,490 --> 02:33:21,440

which there are probably a billion or

3387

02:33:27,420 --> 02:33:24,500

more civilizations out there that are a

3388

02:33:30,940 --> 02:33:27,430

billion years ahead of us

3389

02:33:33,820 --> 02:33:30,950

right a billion years that they may want

3390

02:33:37,330 --> 02:33:33,830

to think about it you can't wrap your

3391

02:33:40,841 --> 02:33:37,340

mind around that you cannot so if we are

3392

02:33:43,631 --> 02:33:40,851

you know dropping off Rovers on Mars and

3393

02:33:46,030 --> 02:33:43,641

and in the moon and we you know pioneer

3394

02:33:48,250 --> 02:33:46,040

11 and stuff that you know finally left

3395

02:33:51,220 --> 02:33:48,260

the solar system if that's what we are

3396

02:33:55,450 --> 02:33:51,230

doing with our little primitive ape-like

3397

02:33:57,580 --> 02:33:55,460

minds today then somebody out there and

3398

02:34:00,610 --> 02:33:57,590

not only knows that we are here but

3399

02:34:04,511 --> 02:34:00,620

they've known about earth for a very

3400

02:34:07,900 --> 02:34:04,521

very long time it is that's the only

3401
02:34:10,870 --> 02:34:07,910
answer and that was that was sort of my

3402
02:34:13,450 --> 02:34:10,880
point before in fact I think and that is

3403
02:34:15,490 --> 02:34:13,460
that if we're looking for other places

3404
02:34:17,710 --> 02:34:15,500
like our own other worlds like our own

3405
02:34:21,040 --> 02:34:17,720
then certainly another civilization is

3406
02:34:22,660 --> 02:34:21,050
doing the same thing and you might say

3407
02:34:25,631 --> 02:34:22,670
well there's no guarantee they may look

3408
02:34:29,020 --> 02:34:25,641
like us or anything except for the fact

3409
02:34:32,350 --> 02:34:29,030
that I think that they may and there's a

3410
02:34:33,900 --> 02:34:32,360
reason if we take a look at all the the

3411
02:34:36,841 --> 02:34:33,910
building blocks of life

3412
02:34:39,600 --> 02:34:36,851
that earth made itself okay the earth

3413
02:34:41,370 --> 02:34:39,610

makes its own amino acids we improving

3414

02:34:45,450 --> 02:34:41,380

by the miller-urey experiment in the 50

3415

02:34:48,390 --> 02:34:45,460

and the comets will deliver water and

3416

02:34:52,770 --> 02:34:48,400

amino acids meteors delivered water and

3417

02:34:54,450 --> 02:34:52,780

immediately no acids mostly to us the

3418

02:34:56,430 --> 02:34:54,460

amino acids the building blocks of life

3419

02:34:59,881 --> 02:34:56,440

were transported here and we make them

3420

02:35:03,240 --> 02:34:59,891

and if you look at every single life

3421

02:35:06,660 --> 02:35:03,250

form on the planet every advanced life

3422

02:35:09,330 --> 02:35:06,670

form that is multicellular life form has

3423

02:35:13,230 --> 02:35:09,340

some form of symmetry doesn't it this is

3424

02:35:15,180 --> 02:35:13,240

same 20 amino acids in everything Miami

3425

02:35:18,000 --> 02:35:15,190

lobsters DNA we know but you're correct

3426

02:35:20,910 --> 02:35:18,010

okay this is naturally and it's right

3427

02:35:23,810 --> 02:35:20,920

and but think now life forms all have

3428

02:35:26,460 --> 02:35:23,820

the symmetry to them now this symmetry

3429

02:35:28,530 --> 02:35:26,470

looks to me like we didn't have anything

3430

02:35:30,030 --> 02:35:28,540

to do with salamanders why are they

3431

02:35:32,841 --> 02:35:30,040

symmetric they have two eyes have two

3432

02:35:35,370 --> 02:35:32,851

front legs two back legs of tail okay

3433

02:35:38,490 --> 02:35:35,380

but their symmetry there why is that

3434

02:35:40,381 --> 02:35:38,500

why do creatures have this setup why do

3435

02:35:42,570 --> 02:35:40,391

they get designed this way and why is it

3436

02:35:45,270 --> 02:35:42,580

replete in the animal kingdom that they

3437

02:35:48,660 --> 02:35:45,280

all have this symmetry like this is it

3438

02:35:52,170 --> 02:35:48,670

possible that it's because that's a

3439

02:35:56,040 --> 02:35:52,180

template provided by the universe again

3440

02:35:59,690 --> 02:35:56,050

gravity gravity no matter what if we

3441

02:36:04,261 --> 02:35:59,700

look at a you know the Goldilocks

3442

02:36:06,390 --> 02:36:04,271

situation out there it water you know it

3443

02:36:10,410 --> 02:36:06,400

doesn't evaporate it doesn't freeze you

3444

02:36:12,990 --> 02:36:10,420

know so you have that that that medium

3445

02:36:14,370 --> 02:36:13,000

for life to be created right so you know

3446

02:36:18,060 --> 02:36:14,380

you need water you need a few other

3447

02:36:22,080 --> 02:36:18,070

things but gravity is going to be about

3448

02:36:23,820 --> 02:36:22,090

the same to as well so depending on the

3449

02:36:26,790 --> 02:36:23,830

strength of the gravity that's how tall

3450

02:36:28,440 --> 02:36:26,800

these beings could be right less gravity

3451

02:36:30,390 --> 02:36:28,450

little taller more gravity little

3452

02:36:33,750 --> 02:36:30,400

shorter a little stubbier but you're

3453

02:36:37,350 --> 02:36:33,760

going to have that same symmetry there

3454

02:36:39,810 --> 02:36:37,360

and and stereovision and you know left

3455

02:36:42,330 --> 02:36:39,820

and right and all of that and it that

3456

02:36:44,559 --> 02:36:42,340

just makes sense that if you have the

3457

02:36:46,300 --> 02:36:44,569

same amino acids the same

3458

02:36:49,660 --> 02:36:46,310

you know the same construction of

3459

02:36:51,880 --> 02:36:49,670

chromosomes and and DNA these are the

3460

02:36:54,609 --> 02:36:51,890

things that are just part of the

3461

02:36:56,740 --> 02:36:54,619

universe I totally agree with you so why

3462

02:36:58,960 --> 02:36:56,750

why buy the universe yeah why would they

3463

02:37:00,939 --> 02:36:58,970

look you know different skin color

3464

02:37:04,210 --> 02:37:00,949

possibly we have differences and colors

3465

02:37:06,219 --> 02:37:04,220

here on earth right imagine if imagine

3466

02:37:08,969 --> 02:37:06,229

if we were around the star that's in

3467

02:37:12,429 --> 02:37:08,979

what's called an m-class dwarf I mean a

3468

02:37:15,910 --> 02:37:12,439

star that's red primarily at the end of

3469

02:37:17,679 --> 02:37:15,920

the stellar evolution spectrum there any

3470

02:37:19,569 --> 02:37:17,689

Indian and the diagram that outline

3471

02:37:21,609 --> 02:37:19,579

types of the stars and spectral types of

3472

02:37:23,410 --> 02:37:21,619

the star M star is a very low

3473

02:37:26,260 --> 02:37:23,420

temperature and not as bright as the Sun

3474

02:37:29,200 --> 02:37:26,270

maybe you know a hundredth or so as

3475

02:37:32,939 --> 02:37:29,210

bright as the Sun very small in fact

3476

02:37:36,099 --> 02:37:32,949

some some exoplanet systems we've found

3477

02:37:38,200 --> 02:37:36,109

look more like Jupiter systems with the

3478

02:37:38,620 --> 02:37:38,210

the star being a little bit larger than

3479

02:37:41,349 --> 02:37:38,630

Jupiter

3480

02:37:43,840 --> 02:37:41,359

but having planets as close to the star

3481

02:37:46,990 --> 02:37:43,850

as Jupiter's moons are to Jupiter you

3482

02:37:49,450 --> 02:37:47,000

know one such exoplanet system is

3483

02:37:52,359 --> 02:37:49,460

Trappist one you know it's a tiny little

3484

02:37:54,910 --> 02:37:52,369

m-class star and it has planets that

3485

02:37:57,429 --> 02:37:54,920

you'll go around the star in no more

3486

02:37:59,080 --> 02:37:57,439

than 20 days so the year the longest

3487

02:38:01,719 --> 02:37:59,090

year on Trappist one is around the

3488

02:38:04,389 --> 02:38:01,729

outermost planet and it takes 20 days

3489

02:38:07,179 --> 02:38:04,399

ago around the star Mercury takes 88

3490

02:38:09,130 --> 02:38:07,189

days to go around our Sun and all those

3491

02:38:11,649 --> 02:38:09,140

planets all seven planets on Travis one

3492

02:38:15,010 --> 02:38:11,659

are closer to their star than mercury

3493

02:38:18,069 --> 02:38:15,020

stars so and three of them are in the

3494

02:38:21,630 --> 02:38:18,079

habitable zone for that star alright so

3495

02:38:25,120 --> 02:38:21,640

now we're talking about differences in

3496

02:38:26,500 --> 02:38:25,130

years differences in time what would

3497

02:38:28,599 --> 02:38:26,510

evolution look like an apartment like

3498

02:38:31,510 --> 02:38:28,609

that you know what would creatures look

3499

02:38:33,240 --> 02:38:31,520

like well the red star is dimmer so if

3500

02:38:36,429 --> 02:38:33,250

they developed some type of vision

3501
02:38:40,540 --> 02:38:36,439
wouldn't they have eyes that were more

3502
02:38:42,849 --> 02:38:40,550
sensitive to say the red light and not

3503
02:38:45,099 --> 02:38:42,859
even know what green light is not even

3504
02:38:47,349 --> 02:38:45,109
know what white light is you know they

3505
02:38:49,569 --> 02:38:47,359
may not even be able to see blue light

3506
02:38:51,700 --> 02:38:49,579
you know because the star never gives it

3507
02:38:53,920 --> 02:38:51,710
off right you know and they evolved that

3508
02:38:56,349 --> 02:38:53,930
way so their eyes might look differently

3509
02:38:57,610 --> 02:38:56,359
maybe their eyes might be I don't know

3510
02:39:00,900 --> 02:38:57,620
black

3511
02:39:05,591 --> 02:39:00,910
you know because the more like receptors

3512
02:39:07,841 --> 02:39:05,601
as opposed to actual eyes you know so

3513
02:39:11,740 --> 02:39:07,851

who knows what the creature will

3514

02:39:16,000 --> 02:39:11,750

actually be designed like but the actual

3515

02:39:18,700 --> 02:39:16,010

gross course analysis of what they might

3516

02:39:21,730 --> 02:39:18,710

look like to me I think that they're

3517

02:39:23,950 --> 02:39:21,740

going to probably have be made of the

3518

02:39:25,841 --> 02:39:23,960

things in the universe that are copious

3519

02:39:28,000 --> 02:39:25,851

and abundant and that's amino acids

3520

02:39:30,011 --> 02:39:28,010

they're going to have that as a basis

3521

02:39:32,320 --> 02:39:30,021

for their life I think that's true and

3522

02:39:34,591 --> 02:39:32,330

even carbon-based life forms I mean we

3523

02:39:38,410 --> 02:39:34,601

look everywhere we look we see

3524

02:39:41,020 --> 02:39:38,420

carbon-based Capital compounds being

3525

02:39:43,270 --> 02:39:41,030

generated you know the South Pole of

3526

02:39:46,261 --> 02:39:43,280

Saturn's moon Enceladus you know Europa

3527

02:39:48,551 --> 02:39:46,271

now shows geysers that have you know

3528

02:39:51,761 --> 02:39:48,561

chemistry in it that is conducive to

3529

02:39:55,780 --> 02:39:51,771

creating life you know and if that's the

3530

02:39:58,030 --> 02:39:55,790

case you know it's everywhere well let

3531

02:40:00,780 --> 02:39:58,040

me write let me ask you this you know

3532

02:40:05,230 --> 02:40:00,790

you have a close association with NASA

3533

02:40:07,900 --> 02:40:05,240

by do they do are they sitting on

3534

02:40:11,290 --> 02:40:07,910

knowledge that that we don't know about

3535

02:40:13,600 --> 02:40:11,300

does Washington DC have contact with et

3536

02:40:16,120 --> 02:40:13,610

if they are if they are visiting us you

3537

02:40:19,330 --> 02:40:16,130

know and I don't want to disrupt your

3538

02:40:21,551 --> 02:40:19,340

relationship with NASA but do they know

3539

02:40:25,440 --> 02:40:21,561

something that they are not disclosing

3540

02:40:27,520 --> 02:40:25,450

to us you know I think that NASA

3541

02:40:29,200 --> 02:40:27,530

honestly I don't really have the

3542

02:40:31,600 --> 02:40:29,210

relations with NASA you may think I have

3543

02:40:33,610 --> 02:40:31,610

but my relations are more with the US

3544

02:40:36,430 --> 02:40:33,620

Navy because I did Navy worked for since

3545

02:40:38,710 --> 02:40:36,440

1995 that was a primary my primary

3546

02:40:42,850 --> 02:40:38,720

business started as a Navy contractor

3547

02:40:45,040 --> 02:40:42,860

kind of thing um but in today and I've

3548

02:40:46,841 --> 02:40:45,050

been involved a project that I obviously

3549

02:40:49,330 --> 02:40:46,851

can't talk about but I will play

3550

02:40:51,011 --> 02:40:49,340

something that I saw on a nuclear sub

3551

02:40:53,051 --> 02:40:51,021

one time and and that's something is

3552

02:40:55,660 --> 02:40:53,061

important I think because that is

3553

02:40:58,750 --> 02:40:55,670

something that is known that isn't being

3554

02:41:00,640 --> 02:40:58,760

told to us all right and I don't think

3555

02:41:04,440 --> 02:41:00,650

NASA is doing it I think NASA's I hate

3556

02:41:10,570 --> 02:41:08,980

to-to-to-to shirt-and-tie right wait

3557

02:41:11,330 --> 02:41:10,580

wait wait wait wait slow down

3558

02:41:13,940 --> 02:41:11,340

what do

3559

02:41:17,990 --> 02:41:13,950

you see on the nuclear sub I'm coming

3560

02:41:20,300 --> 02:41:18,000

back to I'm not gonna hear you here in

3561

02:41:21,620 --> 02:41:20,310

the mid-90s I was actually I did a

3562

02:41:22,130 --> 02:41:21,630

project for the Navy and they said yeah

3563

02:41:24,980 --> 02:41:22,140

that was great

3564

02:41:26,210 --> 02:41:24,990

mindful for riding this office yeah so I

3565

02:41:28,429 --> 02:41:26,220

was like wow that's great

3566

02:41:30,889 --> 02:41:28,439

so I went out on a submarine for a

3567

02:41:33,320 --> 02:41:30,899

period of time as a guest you know over

3568

02:41:35,719 --> 02:41:33,330

Navy so I got best quarter's best food I

3569

02:41:37,820 --> 02:41:35,729

mean it was very nice you know Wow at

3570

02:41:39,770 --> 02:41:37,830

the time it was a nice treatment for

3571

02:41:43,790 --> 02:41:39,780

someone that did something for them and

3572

02:41:47,150 --> 02:41:43,800

then as I said it was the most fun I had

3573

02:41:48,950 --> 02:41:47,160

getting horribly seasick you know I

3574

02:41:50,389 --> 02:41:48,960

didn't have sea legs for being on a sub

3575

02:41:52,099 --> 02:41:50,399

because think about it's a sewer-pipe of

3576

02:41:53,810 --> 02:41:52,109

end caps on it right now right right it

3577

02:41:55,310 --> 02:41:53,820

rolls on the servers like something

3578

02:42:00,560 --> 02:41:55,320

fierce like a barrel going over Niagara

3579

02:42:02,389 --> 02:42:00,570

Falls so it's kind of tough so I sat in

3580

02:42:04,070 --> 02:42:02,399

a little side area off the control room

3581

02:42:06,650 --> 02:42:04,080

and they told a sonar Shack and I was

3582

02:42:10,400 --> 02:42:06,660

actually wetting my stomach settle and

3583

02:42:11,990 --> 02:42:10,410

as it was settling there's you know I

3584

02:42:13,190 --> 02:42:12,000

heard noises of southern sub is very

3585

02:42:14,870 --> 02:42:13,200

loud inside okay

3586

02:42:16,400 --> 02:42:14,880

there's there's a lot of ambient noise

3587

02:42:18,770 --> 02:42:16,410

all over plays a lot of high-pressure

3588

02:42:20,780 --> 02:42:18,780

air always sounding off you always hear

3589

02:42:22,160 --> 02:42:20,790

it on the outside of sub it's quiet is

3590

02:42:23,840 --> 02:42:22,170

ain't you can't hear anything and that's

3591

02:42:25,990 --> 02:42:23,850

of course our technology that's what

3592

02:42:28,460 --> 02:42:26,000

we're good at so I'm sitting there

3593

02:42:31,250 --> 02:42:28,470

zoning out hearing this noise with the

3594

02:42:33,020 --> 02:42:31,260

white noise in my head and there's a kid

3595

02:42:34,760 --> 02:42:33,030

next to me looking at the sonar display

3596

02:42:36,620 --> 02:42:34,770

in front of him and I'm sitting in front

3597

02:42:38,360 --> 02:42:36,630

of a song on display that's not on this

3598

02:42:42,080 --> 02:42:38,370

I didn't think it was turned out it was

3599

02:42:44,389 --> 02:42:42,090

and I'm sitting there zoning out and I'm

3600

02:42:45,710 --> 02:42:44,399

almost kind of on the edge of sleep my

3601
02:42:50,540 --> 02:42:45,720
stomach's starting to feel a little bit

3602
02:42:52,940 --> 02:42:50,550
better all the stuff mmm I hear Conn

3603
02:42:56,450 --> 02:42:52,950
sonar Conn sonar fast mover fast mover

3604
02:42:57,920 --> 02:42:56,460
La Pointe what I thought somebody fired

3605
02:43:00,080 --> 02:42:57,930
torpedo at us am I going to die out here

3606
02:43:02,300 --> 02:43:00,090
because I want to go for a ride oh man

3607
02:43:03,650 --> 02:43:02,310
right I got all adrenaline started

3608
02:43:05,389 --> 02:43:03,660
surging and all of a sudden I was like

3609
02:43:07,580 --> 02:43:05,399
wide awake and so you take this what

3610
02:43:09,020 --> 02:43:07,590
that you know so the executive officer

3611
02:43:11,450 --> 02:43:09,030
comes around he says it's one of our kid

3612
02:43:12,469 --> 02:43:11,460
what do you got what's going on any

3613
02:43:13,429 --> 02:43:12,479

points to something on the screen I

3614

02:43:15,830 --> 02:43:13,439

couldn't hear what he was talking about

3615

02:43:18,679 --> 02:43:15,840

but he shows the points of this trail on

3616

02:43:20,389 --> 02:43:18,689

the screen and again being that there's

3617

02:43:22,670 --> 02:43:20,399

enough noise when they're talking soft

3618

02:43:24,740 --> 02:43:22,680

they didn't hear it but when I

3619

02:43:27,170 --> 02:43:24,750

distinctly saw and heard

3620

02:43:28,790 --> 02:43:27,180

the XO asked him Wow what's what's the

3621

02:43:32,059 --> 02:43:28,800

speed on that thing well how fast is it

3622

02:43:33,860 --> 02:43:32,069

going and the kid said to him you hold

3623

02:43:35,450 --> 02:43:33,870

his hands out like like I don't know but

3624

02:43:38,210 --> 02:43:35,460

yeah an answer he was holding hands out

3625

02:43:41,840 --> 02:43:38,220

going it's several hundred knots sir

3626

02:43:45,380 --> 02:43:41,850

what that's what he said on your louder

3627

02:43:48,500 --> 02:43:45,390

water several hundred knots under wasn't

3628

02:43:50,809 --> 02:43:48,510

several hundred knots now he could have

3629

02:43:54,740 --> 02:43:50,819

said seven hundred knots say I think

3630

02:43:56,719 --> 02:43:54,750

same thing that one there's no

3631

02:43:58,429 --> 02:43:56,729

difference between three hundred miles

3632

02:44:00,679 --> 02:43:58,439

an hour and seven hundred miles an hour

3633

02:44:03,290 --> 02:44:00,689

under the water but continually I I

3634

02:44:05,030 --> 02:44:03,300

couldn't imagine right all right I of

3635

02:44:07,849 --> 02:44:05,040

course now was like my adrenaline was

3636

02:44:09,229 --> 02:44:07,859

not flowing and I was like what and I'm

3637

02:44:11,030 --> 02:44:09,239

looking at the screen I couldn't tell

3638

02:44:13,360 --> 02:44:11,040

when the waterfall displays looking at

3639

02:44:15,650 --> 02:44:13,370

Eckert itself the speed and all that and

3640

02:44:18,019 --> 02:44:15,660

the executive officer said you got a

3641

02:44:19,460 --> 02:44:18,029

confirmation of that and the kid leaned

3642

02:44:21,530 --> 02:44:19,470

over and said to me excuse me sir and I

3643

02:44:23,059 --> 02:44:21,540

leaned back in the chair and and he

3644

02:44:26,479 --> 02:44:23,069

checked this order that was on is it

3645

02:44:28,969 --> 02:44:26,489

turned out in front of me and once you

3646

02:44:30,769 --> 02:44:28,979

got the screen active then you know they

3647

02:44:33,920 --> 02:44:30,779

saw a little trail start to form

3648

02:44:35,269 --> 02:44:33,930

he said yeah same here sir and so it

3649

02:44:36,979 --> 02:44:35,279

wasn't a machine anomaly because those

3650

02:44:42,710 --> 02:44:36,989

are actually two separate and distinct

3651
02:44:44,660 --> 02:44:42,720
sonar zones so well anyway the the kid

3652
02:44:46,130 --> 02:44:44,670
said to him no he'd never seen this

3653
02:44:47,570 --> 02:44:46,140
before obviously and he said to the

3654
02:44:49,639 --> 02:44:47,580
Exile we go what do I do with this

3655
02:44:53,510 --> 02:44:49,649
something like that as I kind of heard

3656
02:44:56,540 --> 02:44:53,520
that and the XO just said them login and

3657
02:45:00,139 --> 02:44:56,550
dog it and and sit and the kid said yes

3658
02:45:02,179 --> 02:45:00,149
sir and the Exile walked away and I said

3659
02:45:03,979 --> 02:45:02,189
oh no no there's no log in it and hiding

3660
02:45:06,200 --> 02:45:03,989
it that's a blogging dog Network right

3661
02:45:07,519 --> 02:45:06,210
and went over the XO and I said you know

3662
02:45:09,559 --> 02:45:07,529
again yeah I remember now

3663
02:45:12,860 --> 02:45:09,569

look I have an invited guest on a

3664

02:45:16,280 --> 02:45:12,870

civilian rocket I'm a civilian I'm cool

3665

02:45:18,469 --> 02:45:16,290

I have access I'm the man I had a

3666

02:45:20,150 --> 02:45:18,479

clearance right so I walked up to the

3667

02:45:22,340 --> 02:45:20,160

guy and I said you know I excel I'm

3668

02:45:25,160 --> 02:45:22,350

doing with these fast movers I think

3669

02:45:27,710 --> 02:45:25,170

anything I can help you with the guy

3670

02:45:29,120 --> 02:45:27,720

looked at me cool as a cucumber he said

3671

02:45:31,340 --> 02:45:29,130

mr. Dantonio are you having a good time

3672

02:45:32,870 --> 02:45:31,350

yes sir I am

3673

02:45:35,780 --> 02:45:32,880

let's keep it that way any trench

3674

02:45:37,730 --> 02:45:35,790

walking away I just want a will do which

3675

02:45:41,210 --> 02:45:37,740

is I like to keep all the kind of wild

3676
02:45:44,120 --> 02:45:41,220
the chair yells like wow so a few years

3677
02:45:48,320 --> 02:45:44,130
later I had an opportunity to do a job

3678
02:45:50,540 --> 02:45:48,330
for the Joint Chiefs and I got to talk

3679
02:45:54,230 --> 02:45:50,550
to some folks that are in very very

3680
02:45:57,620 --> 02:45:54,240
heavy positions on the Joint Chiefs and

3681
02:45:58,730 --> 02:45:57,630
I took one aside one time and I asked

3682
02:46:01,550 --> 02:45:58,740
them I said hey what can you tell me

3683
02:46:03,140 --> 02:46:01,560
about the fast mover program and he

3684
02:46:04,990 --> 02:46:03,150
looked at me and he smiled because I

3685
02:46:09,620 --> 02:46:05,000
can't talk about the program I'm sorry

3686
02:46:12,830 --> 02:46:09,630
and I was like I think he probably saw

3687
02:46:14,930 --> 02:46:12,840
my jaw fall to the floor and and what

3688
02:46:18,140 --> 02:46:14,940

that told me was you know what you were

3689

02:46:19,340 --> 02:46:18,150

talking about in jest I needed here no

3690

02:46:21,200 --> 02:46:19,350

more by saying nothing he said

3691

02:46:22,880 --> 02:46:21,210

everything right and that blew me away

3692

02:46:25,520 --> 02:46:22,890

Jimmy that blew me away I could not

3693

02:46:27,920 --> 02:46:25,530

believe it and then it was like wow I

3694

02:46:29,750 --> 02:46:27,930

drove home from Washington that day like

3695

02:46:31,160 --> 02:46:29,760

careening all over the road I'm

3696

02:46:35,030 --> 02:46:31,170

surprised I didn't get pulled over

3697

02:46:35,900 --> 02:46:35,040

you know um because I was so like back

3698

02:46:39,410 --> 02:46:35,910

in that moment

3699

02:46:42,740 --> 02:46:39,420

well was I real it was real yeah what do

3700

02:46:44,480 --> 02:46:42,750

you think it was I have a theory you

3701

02:46:47,980 --> 02:46:44,490

know and it's only a theory I don't know

3702

02:46:50,180 --> 02:46:47,990

for sure but that's why in are you

3703

02:46:52,550 --> 02:46:50,190

photography version that I want to make

3704

02:46:54,800 --> 02:46:52,560

that is going to sit down and hang under

3705

02:46:58,550 --> 02:46:54,810

the water 20 or 30 feet and if I can't

3706

02:47:00,730 --> 02:46:58,560

look up look down okay so it'll float in

3707

02:47:04,219 --> 02:47:00,740

the currents and look for things I think

3708

02:47:07,219 --> 02:47:04,229

that if an alien civilization was spying

3709

02:47:08,990 --> 02:47:07,229

on us where would they go I don't I play

3710

02:47:11,960 --> 02:47:09,000

yes exactly they might fly over the

3711

02:47:13,730 --> 02:47:11,970

ground they might over the water they

3712

02:47:15,830 --> 02:47:13,740

might play over the land most likely

3713

02:47:17,810 --> 02:47:15,840

they would be underwater because if they

3714

02:47:19,760 --> 02:47:17,820

could travel interstellar they don't

3715

02:47:21,740 --> 02:47:19,770

have problems with mediums like the

3716

02:47:23,480 --> 02:47:21,750

water or the air they can get through it

3717

02:47:26,360 --> 02:47:23,490

what's what's water to them just sticker

3718

02:47:28,160 --> 02:47:26,370

air you know well and they've got water

3719

02:47:29,780 --> 02:47:28,170

on their planet and they're more

3720

02:47:32,150 --> 02:47:29,790

advanced than us and they've figured out

3721

02:47:33,920 --> 02:47:32,160

you know that's a good hiding place one

3722

02:47:37,010 --> 02:47:33,930

and two they figure out how to how to

3723

02:47:39,440 --> 02:47:37,020

get through it quickly exactly exactly

3724

02:47:41,300 --> 02:47:39,450

so maybe they actually have a water

3725

02:47:44,180 --> 02:47:41,310

presence on the planet that's such as

3726

02:47:45,530 --> 02:47:44,190

you say that they actually utilize it to

3727

02:47:47,390 --> 02:47:45,540

its full capacity

3728

02:47:50,060 --> 02:47:47,400

you know maybe they build their own

3729

02:47:51,320 --> 02:47:50,070

water from the know they do atomic

3730

02:47:52,340 --> 02:47:51,330

assembly

3731

02:47:55,820 --> 02:47:52,350

which we're going to do eventually

3732

02:47:58,280 --> 02:47:55,830

actually you know so I think that the

3733

02:48:01,940 --> 02:47:58,290

bottom line is they're probably some

3734

02:48:04,610 --> 02:48:01,950

form of observation taking place in this

3735

02:48:06,051 --> 02:48:04,620

planet and the US government knows about

3736

02:48:08,890 --> 02:48:06,061

it and they're not telling anybody I

3737

02:48:11,980 --> 02:48:08,900

know this from firsthand exposure to it

3738

02:48:16,070 --> 02:48:11,990

unwittingly that was firsthand exposure

3739

02:48:18,560 --> 02:48:16,080

you know but basically it was a USO an

3740

02:48:20,030 --> 02:48:18,570

unknown submerged object that is if you

3741

02:48:21,710 --> 02:48:20,040

know it's some distance from the sub I

3742

02:48:25,460 --> 02:48:21,720

didn't get the distance away actually I

3743

02:48:27,440 --> 02:48:25,470

wish I did um can you tell us will you

3744

02:48:30,261 --> 02:48:27,450

do this on the air what was the sub what

3745

02:48:31,370 --> 02:48:30,271

was the year what was the month well I

3746

02:48:32,840 --> 02:48:31,380

can tell you that it was the

3747

02:48:36,200 --> 02:48:32,850

mid-nineteen that's as far as I can go

3748

02:48:38,390 --> 02:48:36,210

unfortunately but you're in I can't

3749

02:48:40,720 --> 02:48:38,400

really there's a lot goin there's a lot

3750

02:48:44,840 --> 02:48:40,730

more to this but now you're such a shell

3751

02:48:47,540 --> 02:48:44,850

I'm not at all yeah I know

3752

02:48:49,790 --> 02:48:47,550

I know right and see this is the thing

3753

02:48:53,511 --> 02:48:49,800

when when something like that is is

3754

02:48:54,801 --> 02:48:53,521

disclosed and you know maybe you give me

3755

02:48:56,750 --> 02:48:54,811

the information off of the air or

3756

02:48:59,930 --> 02:48:56,760

there's a way for me to collect this and

3757

02:49:02,720 --> 02:48:59,940

I go back to the Navy and I try to do a

3758

02:49:04,570 --> 02:49:02,730

Freedom of Information Act request or

3759

02:49:07,700 --> 02:49:04,580

try to get to some of this information

3760

02:49:09,710 --> 02:49:07,710

they make it then you won't get it you

3761

02:49:12,051 --> 02:49:09,720

only hit and you're first-hand witness

3762

02:49:13,430 --> 02:49:12,061

to this you won't get that I just have

3763

02:49:14,480 --> 02:49:13,440

me saying and they're just going to say

3764

02:49:15,890 --> 02:49:14,490

I'm full of crap

3765

02:49:17,511 --> 02:49:15,900

right I know and the reason they're

3766

02:49:19,100 --> 02:49:17,521

going to say that is because I shouldn't

3767

02:49:22,460 --> 02:49:19,110

have said it in the first place probably

3768

02:49:24,980 --> 02:49:22,470

my fact is I have I want them to come

3769

02:49:26,660 --> 02:49:24,990

clean I have you had done it before with

3770

02:49:31,610 --> 02:49:26,670

them you know I got it before I know you

3771

02:49:34,390 --> 02:49:31,620

have what about a chases a chase clusky

3772

02:49:37,480 --> 02:49:34,400

you know her husband who was brilliant

3773

02:49:40,910 --> 02:49:37,490

have you shared this story with him I

3774

02:49:42,530 --> 02:49:40,920

have in a sense I mean I actually pulled

3775

02:49:43,551 --> 02:49:42,540

a story he was present chase called me

3776

02:49:47,660 --> 02:49:43,561

today we actually talked today about

3777

02:49:50,000 --> 02:49:47,670

other things and she you know I kind of

3778

02:49:52,070 --> 02:49:50,010

knew Pete sort of at the same time I

3779

02:49:54,830 --> 02:49:52,080

knew her because he was a commander in

3780

02:49:58,670 --> 02:49:54,840

the Navy for many years right and he has

3781

02:50:01,130 --> 02:49:58,680

a model or two of mine okay which he had

3782

02:50:04,430 --> 02:50:01,140

I think when I met chase he already had

3783

02:50:06,000 --> 02:50:04,440

those model well anyway so I knew Pete

3784

02:50:08,490 --> 02:50:06,010

classy and

3785

02:50:10,860 --> 02:50:08,500

you know I talked to I talked to her

3786

02:50:12,270 --> 02:50:10,870

about it but I also I mentioned it in

3787

02:50:15,180 --> 02:50:12,280

one of my talks and he was in the room

3788

02:50:16,980 --> 02:50:15,190

and you know I know better than to go up

3789

02:50:19,410 --> 02:50:16,990

to an active submarine commander and

3790

02:50:21,421 --> 02:50:19,420

start asking questions like that okay I

3791

02:50:24,301 --> 02:50:21,431

know that I know the routine I know the

3792

02:50:26,250 --> 02:50:24,311

the respect you know that has to be paid

3793

02:50:28,020 --> 02:50:26,260

to folks like that you know you have to

3794

02:50:28,740 --> 02:50:28,030

he intimidates the crap out of your

3795

02:50:31,640 --> 02:50:28,750

person

3796

02:50:33,270 --> 02:50:31,650

he's it really is a nice guy he's ready

3797

02:50:36,690 --> 02:50:33,280

for the job

3798

02:50:38,761 --> 02:50:36,700

he's a big boy though tall and you know

3799

02:50:41,070 --> 02:50:38,771

you're tall and recalling it's okay yeah

3800

02:50:42,960 --> 02:50:41,080

everybody's older than me I'm five nine

3801

02:50:45,900 --> 02:50:42,970

see my gear looks all right

3802

02:50:51,270 --> 02:50:45,910

all right well but I you know I think

3803

02:50:53,881 --> 02:50:51,280

heat coming from I mean he is a he's a

3804

02:50:56,900 --> 02:50:53,891

patriot and and there's no way that he

3805

02:51:00,950 --> 02:50:56,910

but I think he would enjoy the story I

3806

02:51:03,600 --> 02:51:00,960

would like to know if he has any

3807

02:51:05,850 --> 02:51:03,610

response to it you know what what is

3808

02:51:07,890 --> 02:51:05,860

what is a fast mover have you

3809

02:51:09,960 --> 02:51:07,900

experienced that is there something to

3810

02:51:12,330 --> 02:51:09,970

this and you know I doubt he says

3811

02:51:13,830 --> 02:51:12,340

anything you you can ask him you know

3812

02:51:16,140 --> 02:51:13,840

and that's good thing go ahead

3813

02:51:17,881 --> 02:51:16,150

well we going to lose well isn't that

3814

02:51:19,860 --> 02:51:17,891

the brilliant part of all of this is

3815

02:51:22,470 --> 02:51:19,870

that we do have access to somebody like

3816

02:51:25,410 --> 02:51:22,480

him I've never wanted to abuse it though

3817

02:51:27,150 --> 02:51:25,420

you know that's a thing okay well the

3818

02:51:29,610 --> 02:51:27,160

Navy's been my bread and butter for many

3819

02:51:34,381 --> 02:51:29,620

years so obviously I have to be fairly

3820

02:51:36,360 --> 02:51:34,391

circumspect you know now a couple years

3821

02:51:38,520 --> 02:51:36,370

ago when I had my surgery and all that

3822

02:51:41,341 --> 02:51:38,530

stuff happened a recovery trying to get

3823

02:51:44,490 --> 02:51:41,351

back to just being able to talk again I

3824

02:51:47,730 --> 02:51:44,500

can do that either I had to you know

3825

02:51:50,280 --> 02:51:47,740

something had to give so I had to let my

3826
02:51:53,040 --> 02:51:50,290
clearance lapse it went and I could no

3827
02:51:55,740 --> 02:51:53,050
longer do the defense work which is fine

3828
02:51:58,080 --> 02:51:55,750
because frankly I was sort of getting

3829
02:52:00,180 --> 02:51:58,090
tired having defense people coming in

3830
02:52:01,801 --> 02:52:00,190
the house whenever they kind of want to

3831
02:52:05,190 --> 02:52:01,811
do and walk through my house with

3832
02:52:07,020 --> 02:52:05,200
impunity and look for any bugs or signs

3833
02:52:09,960 --> 02:52:07,030
of any surreptitious devices or whatever

3834
02:52:12,421 --> 02:52:09,970
right you know and then every year you

3835
02:52:14,040 --> 02:52:12,431
have a you read the riot act even leave

3836
02:52:15,870 --> 02:52:14,050
them nothing wrong and they want you to

3837
02:52:17,400 --> 02:52:15,880
make sure you understand the rules and

3838
02:52:18,430 --> 02:52:17,410

regulations make and that's great I'm

3839

02:52:20,470 --> 02:52:18,440

fine with that

3840

02:52:22,930 --> 02:52:20,480

that was okay and it's still okay with

3841

02:52:24,371 --> 02:52:22,940

me but I just don't have the energy to

3842

02:52:26,320 --> 02:52:24,381

actually climb back into that arena

3843

02:52:30,280 --> 02:52:26,330

right now you know I'm okay with where I

3844

02:52:34,270 --> 02:52:30,290

am I'm gonna focus on doing the private

3845

02:52:35,950 --> 02:52:34,280

sector UFO hunting that I'm doing you

3846

02:52:37,631 --> 02:52:35,960

know I have my company my visual effects

3847

02:52:40,421 --> 02:52:37,641

company I'm doing fine with that I'm

3848

02:52:42,251 --> 02:52:40,431

gonna let that keep cruising and I'm

3849

02:52:45,190 --> 02:52:42,261

going to keep trying to solve the

3850

02:52:46,780 --> 02:52:45,200

answers if I can and no one person has

3851
02:52:49,810 --> 02:52:46,790
all the answers and that's the beauty of

3852
02:52:52,240 --> 02:52:49,820
it I know I'm not the one-stop shop I'm

3853
02:52:55,121 --> 02:52:52,250
not the guy that knows it all there is

3854
02:52:57,581 --> 02:52:55,131
none there is no such thing so I have to

3855
02:52:59,291 --> 02:52:57,591
depend on a lot of people and I've got a

3856
02:53:02,860 --> 02:52:59,301
bet a lot of people to make sure that

3857
02:53:06,341 --> 02:53:02,870
you know they have you know pure

3858
02:53:07,810 --> 02:53:06,351
intentions with trying to find the

3859
02:53:10,001 --> 02:53:07,820
answers because some folks want to

3860
02:53:11,470 --> 02:53:10,011
actually you know take our data they've

3861
02:53:13,511 --> 02:53:11,480
already mentioned things like they want

3862
02:53:15,850 --> 02:53:13,521
to take our data and then turn it into a

3863
02:53:17,621 --> 02:53:15,860

TV show it's like wait that that

3864

02:53:19,301 --> 02:53:17,631

immediately compromises the quality of

3865

02:53:22,121 --> 02:53:19,311

the research that's right that's right

3866

02:53:24,070 --> 02:53:22,131

and when I can do that okay it'd be nice

3867

02:53:32,081 --> 02:53:24,080

to take it after the fact

3868

02:53:33,671 --> 02:53:32,091

yes we're not going to allow that s'what

3869

02:53:35,911 --> 02:53:33,681

you do you have to maintain your

3870

02:53:39,220 --> 02:53:35,921

integrity well I can assure you of this

3871

02:53:41,591 --> 02:53:39,230

we have taken care of your security

3872

02:53:44,140 --> 02:53:41,601

clearance for you for the Navy it ain't

3873

02:53:46,690 --> 02:53:44,150

never gonna happen after this show as

3874

02:53:48,610 --> 02:53:46,700

you know what it doesn't matter is I

3875

02:53:50,440 --> 02:53:48,620

haven't violated anything that's okay

3876
02:53:53,171 --> 02:53:50,450
you know and then you know the thing

3877
02:53:56,171 --> 02:53:53,181
that that's funny is you know there's a

3878
02:53:58,240 --> 02:53:56,181
lot of folks I'm sure that like some of

3879
02:53:59,711 --> 02:53:58,250
the folks in the auto industry they may

3880
02:54:02,230 --> 02:53:59,721
cling to them and I think they're doing

3881
02:54:03,461 --> 02:54:02,240
the right thing but when they start

3882
02:54:05,530 --> 02:54:03,471
saying that they're going to reveal

3883
02:54:07,751 --> 02:54:05,540
classified information and classified

3884
02:54:10,390 --> 02:54:07,761
documents you know they're lying right

3885
02:54:12,640 --> 02:54:10,400
off the bat because you can't do that

3886
02:54:13,930 --> 02:54:12,650
you won't do that you know you're not

3887
02:54:15,761 --> 02:54:13,940
going to reveal anything classified

3888
02:54:19,051 --> 02:54:15,771

because if you do you're going to meet

3889

02:54:21,161 --> 02:54:19,061

you're going to be tried and jailed for

3890

02:54:23,140 --> 02:54:21,171

violations of the Espionage Act it's

3891

02:54:24,640 --> 02:54:23,150

that simple and there's no there's no

3892

02:54:27,730 --> 02:54:24,650

black it's black and white there's no

3893

02:54:29,680 --> 02:54:27,740

gray areas here how do I know that

3894

02:54:32,260 --> 02:54:29,690

because I was in that industry for since

3895

02:54:34,569 --> 02:54:32,270

1995 I know that

3896

02:54:37,359 --> 02:54:34,579

you know any revelation even if it's

3897

02:54:38,950 --> 02:54:37,369

unintentional you're in violation of the

3898

02:54:41,769 --> 02:54:38,960

Espionage Act and you'll be prosecuted

3899

02:54:44,679 --> 02:54:41,779

so if someone says to you I'm going to

3900

02:54:46,149 --> 02:54:44,689

be showing you classified documents you

3901

02:54:48,639 --> 02:54:46,159

know that they're either going to get

3902

02:54:50,679 --> 02:54:48,649

arrested or they're no they'll never get

3903

02:54:53,830 --> 02:54:50,689

to do it we're already showing or

3904

02:54:55,269 --> 02:54:53,840

they're bogus or they're bogus and

3905

02:54:57,130 --> 02:54:55,279

that's right and that's the kind of

3906

02:54:59,229 --> 02:54:57,140

thing that we're treated to and you have

3907

02:55:01,450 --> 02:54:59,239

followed you know people you know people

3908

02:55:03,399 --> 02:55:01,460

make these claims maybe to catch

3909

02:55:06,609 --> 02:55:03,409

attention maybe to get funding I don't

3910

02:55:08,800 --> 02:55:06,619

know what it is I just can't back any of

3911

02:55:09,880 --> 02:55:08,810

that stuff because I know it's a lie I

3912

02:55:10,929 --> 02:55:09,890

know those things aren't true I know

3913

02:55:14,260 --> 02:55:10,939

you're not going to reveal classified

3914

02:55:17,170 --> 02:55:14,270

information because if you did you would

3915

02:55:19,029 --> 02:55:17,180

be then it would be on the front page of

3916

02:55:20,590 --> 02:55:19,039

the New York Times very next day you

3917

02:55:23,349 --> 02:55:20,600

were arrested and tried for you're gonna

3918

02:55:25,269 --> 02:55:23,359

be tried for treason and and violations

3919

02:55:28,120 --> 02:55:25,279

of the Espionage Act you know it's that

3920

02:55:30,670 --> 02:55:28,130

simple if there is again no gray area no

3921

02:55:32,260 --> 02:55:30,680

gray area yes that's the thing that that

3922

02:55:34,689 --> 02:55:32,270

bothers me about you apology you know

3923

02:55:37,330 --> 02:55:34,699

they did everyone has an angle you know

3924

02:55:38,469 --> 02:55:37,340

and it's like there's no gimmicks we're

3925

02:55:40,779 --> 02:55:38,479

just trying to get to the bottom of this

3926

02:55:43,179 --> 02:55:40,789

with science man but that's exactly the

3927

02:55:45,670 --> 02:55:43,189

point you know and I don't need I don't

3928

02:55:49,300 --> 02:55:45,680

need any evidence I have seen what I've

3929

02:55:51,490 --> 02:55:49,310

seen in the skies that that's it I you

3930

02:55:53,109 --> 02:55:51,500

know let's let's figure out the next

3931

02:55:55,929 --> 02:55:53,119

step and let's get science involved

3932

02:55:58,059 --> 02:55:55,939

that's really coming in place mark thank

3933

02:56:00,460 --> 02:55:58,069

you so much man for going into overtime

3934

02:56:02,620 --> 02:56:00,470

like this tonight brilliant conversation

3935

02:56:04,750 --> 02:56:02,630

I can't believe it's taken you four or

3936

02:56:07,479 --> 02:56:04,760

five years to get on the show but let's

3937

02:56:08,830 --> 02:56:07,489

do it again here real soon well I think

3938

02:56:10,359 --> 02:56:08,840

you didn't want to talk about the drone

3939

02:56:12,370 --> 02:56:10,369

thing I think you're very happy now this

3940

02:56:14,769 --> 02:56:12,380

is behind you so maybe you'll have me

3941

02:56:19,179 --> 02:56:14,779

out a little more secretly you know I'm

3942

02:56:22,210 --> 02:56:19,189

right and you know what I'll say that I

3943

02:56:24,300 --> 02:56:22,220

agree that you can be right thank you so

3944

02:56:26,529 --> 02:56:24,310

much mark behave out there my friend

3945

02:56:29,740 --> 02:56:26,539

Jimmy thank you spent a pleasure

3946

02:56:32,050 --> 02:56:29,750

absolutely Mark Dantonio everybody now

3947

02:56:35,529 --> 02:56:32,060

his website if you want to go there it's

3948

02:56:38,200 --> 02:56:35,539

on Jimmy Church radio com it's FX models

3949

02:56:41,439 --> 02:56:38,210

com go check it out but he's got a new

3950

02:56:44,080 --> 02:56:41,449

website out and also his YouTube channel

3951
02:56:45,200 --> 02:56:44,090
and the sky watching that they do with

3952
02:56:47,600 --> 02:56:45,210
with 14

3953
02:56:49,760 --> 02:56:47,610
a New York sky while all of that stuff

3954
02:56:52,130 --> 02:56:49,770
is all there go check it out brilliant

3955
02:56:54,500 --> 02:56:52,140
brilliant channel spend fade to black

3956
02:56:56,300 --> 02:56:54,510
our guest tonight Mark Dantonio

3957
02:56:59,090 --> 02:56:56,310
I'm your host Timmy Church fade to black

3958
02:57:00,980 --> 02:56:59,100
executive producers Rita Kumari on shows

3959
02:57:03,800 --> 02:57:00,990
produced by him Jay Paul Marty Cobra I

3960
02:57:05,660 --> 02:57:03,810
j3 Rene Jonas Dennis thank you Bob

3961
02:57:09,410 --> 02:57:05,670
announcers our Steve harder Jean Patou

3962
02:57:12,830 --> 02:57:09,420
mrdiko barf ad by Dale webmaster drew

3963
02:57:15,920 --> 02:57:12,840

the geek music doug aldrich intro space

3964

02:57:19,490 --> 02:57:15,930

boys space boy music calm fade to black

3965

02:57:23,360 --> 02:57:19,500

is produced by kjsurya productions kedi

3966

02:57:25,400 --> 02:57:23,370

ra the planet this broadcast is on the

3967

02:57:27,620 --> 02:57:25,410

copyright of 2017 by fade to black and

3968

02:57:29,630 --> 02:57:27,630

the game changer network it cannot be

3969

02:57:31,730 --> 02:57:29,640

rebroadcast downloaded copied or used

3970

02:57:33,650 --> 02:57:31,740

anywhere in the known universe without

3971

02:57:35,750 --> 02:57:33,660

written permission from fade to black or

3972

02:57:37,870 --> 02:57:35,760

the game changer network I'm Yours

3973

02:57:42,370 --> 02:57:37,880

Kimmie Church follow me on Twitter at

3974

02:57:46,430 --> 02:57:42,380

JDO tomorrow night right here Rob Potter

3975

02:57:55,750 --> 02:57:46,440

until then everybody be safe Gobekli

