

1
00:00:06,169 --> 00:00:11,870
welcome to the skeptic zone the podcast

2
00:00:09,109 --> 00:00:13,949
from Australia for science and reason

3
00:00:11,869 --> 00:00:16,850
[Music]

4
00:00:13,949 --> 00:00:23,049
[Applause]

5
00:00:16,850 --> 00:00:25,730
[Music]

6
00:00:23,050 --> 00:00:30,250
yes it's the skeptic zone podcast

7
00:00:25,730 --> 00:00:33,530
episode number 554 for the 2nd of June

8
00:00:30,250 --> 00:00:36,378
2019 Richard Saunders here with you from

9
00:00:33,530 --> 00:00:38,890
Sydney Australia coming up on this

10
00:00:36,378 --> 00:00:42,140
week's show chemtrails contrails

11
00:00:38,890 --> 00:00:45,710
condensation trails chemical trails we

12
00:00:42,140 --> 00:00:47,509
speak to Ken MacLeod a very active part

13
00:00:45,710 --> 00:00:50,058
of the skeptical community here in

14
00:00:47,509 --> 00:00:52,338
Australia and he is a retired air

15
00:00:50,058 --> 00:00:55,058
traffic controller he's going to be

16
00:00:52,338 --> 00:00:57,588
talking about contrails chemtrails

17
00:00:55,058 --> 00:01:00,500
because recently just in the last week

18
00:00:57,588 --> 00:01:05,379
ken was on national TV here in Australia

19
00:01:00,500 --> 00:01:07,219
to debate a u.s. expert in chemtrails

20
00:01:05,379 --> 00:01:10,728
naturally there'll be a link to that

21
00:01:07,219 --> 00:01:12,560
video in this week's show notes what's

22
00:01:10,728 --> 00:01:14,560
it all about find out with Ken MacLeod

23
00:01:12,560 --> 00:01:17,659
coming up at the top of the show

24
00:01:14,560 --> 00:01:21,680
following that UFOs talking about things

25
00:01:17,659 --> 00:01:23,930
in the sky UFOs the first 50 years now

26
00:01:21,680 --> 00:01:26,240
this was written 20 years ago by dr.

27
00:01:23,930 --> 00:01:28,910
Steve Roberts a a good friend of a

28
00:01:26,239 --> 00:01:30,709
skeptical zone this is from the the pages

29

00:01:28,909 --> 00:01:33,469
of the skeptic magazine the journal from

30
00:01:30,709 --> 00:01:39,799
Australian skeptics and Steve takes a

31
00:01:33,469 --> 00:01:43,310
look on how UFO culture mirrors movie

32
00:01:39,799 --> 00:01:47,840
culture how UFOs and aliens have been

33
00:01:43,310 --> 00:01:51,379
portrayed in popular movies well for the

34
00:01:47,840 --> 00:01:54,770
past 70 years really and aliens have

35
00:01:51,379 --> 00:01:56,658
certainly changed over time then we have

36
00:01:54,769 --> 00:01:59,239
an interview from the pint of science

37
00:01:56,659 --> 00:02:01,100
program which is on at the moment in

38
00:01:59,239 --> 00:02:03,259
Australia and this is an interview with

39
00:02:01,099 --> 00:02:06,079
Melinda Wilson who is helping to

40
00:02:03,260 --> 00:02:08,000
reintroduce Australian species back into

41
00:02:06,079 --> 00:02:09,258
their natural habitat and it's good to

42
00:02:08,000 --> 00:02:11,658
hear about these sort of things from

43
00:02:09,258 --> 00:02:15,318

time to time a bit of real science a

44

00:02:11,658 --> 00:02:18,139

real good story through your feel-good

45

00:02:15,318 --> 00:02:20,089

story coming up on the skeptic zone now

46

00:02:18,139 --> 00:02:20,779

if you're in Sydney and you like a night

47

00:02:20,090 --> 00:02:22,969

out

48

00:02:20,780 --> 00:02:24,709

stay tuned towards the end of the show

49

00:02:22,969 --> 00:02:27,650

where you'll hear may not talk about his

50

00:02:24,709 --> 00:02:30,500

upcoming movie night this Tuesday night

51

00:02:27,650 --> 00:02:32,030

in glebe in Sydney and if you can't wait

52

00:02:30,500 --> 00:02:34,009

to hear the details just run right now

53

00:02:32,030 --> 00:02:36,799

to Maynard com

54

00:02:34,009 --> 00:02:38,479

da-rae you and you'll see more and also

55

00:02:36,799 --> 00:02:41,750

buy some tickets

56

00:02:38,479 --> 00:02:44,328

oh it's moored the cat hello Maude what

57

00:02:41,750 --> 00:02:46,878

are you doing you're going to help me

58
00:02:44,329 --> 00:02:48,819
with the show yeah you want to come over

59
00:02:46,878 --> 00:02:54,018
here come on

60
00:02:48,818 --> 00:02:57,229
hello come on yeah I think she's telling

61
00:02:54,019 --> 00:02:58,759
me yes I think she's telling me she

62
00:02:57,229 --> 00:03:01,578
wants her breakfast while I run

63
00:02:58,759 --> 00:03:03,370
downstairs and feed these cats I hope

64
00:03:01,579 --> 00:03:25,280
you enjoy the skeptic zone

65
00:03:03,370 --> 00:03:27,689
[Music]

66
00:03:25,280 --> 00:03:29,250
joining me now from the beautiful

67
00:03:27,689 --> 00:03:32,989
Southern Highlands here in New South

68
00:03:29,250 --> 00:03:36,629
Wales it's Ken MacLeod hello Ken good

69
00:03:32,989 --> 00:03:38,610
evening and morning listeners good

70
00:03:36,629 --> 00:03:42,000
evening good morning no matter where you

71
00:03:38,610 --> 00:03:44,250
are in the world now you recently went

72
00:03:42,000 --> 00:03:45,719
on national TV here in Australia and

73
00:03:44,250 --> 00:03:48,000
I'll link to this in the show notes

74
00:03:45,719 --> 00:03:50,959
folks so you can see it for yourself

75
00:03:48,000 --> 00:03:53,789
to talk about this weird topic of

76
00:03:50,959 --> 00:03:56,610
chemtrails or contrails than no matter

77
00:03:53,789 --> 00:03:58,979
what you want to call them the show was

78
00:03:56,610 --> 00:03:59,880
called Studio 10 and you were up against

79
00:03:58,979 --> 00:04:02,179
an expert

80
00:03:59,879 --> 00:04:07,318
oh boy an American expert by the name of

81
00:04:02,180 --> 00:04:08,670
Dane Whittington now from the start why

82
00:04:07,318 --> 00:04:13,829
are you so interested in these

83
00:04:08,669 --> 00:04:15,298
chemtrails and contrails okay I my

84
00:04:13,830 --> 00:04:18,799
working career was in air traffic

85
00:04:15,299 --> 00:04:22,319
control which had search-and-rescue

86

00:04:18,798 --> 00:04:23,849
responsibilities and while our phone

87
00:04:22,319 --> 00:04:25,529
number was in the phone book we would

88
00:04:23,850 --> 00:04:28,919
get lots of phone calls from members of

89
00:04:25,529 --> 00:04:31,709
the public accusing us of enabling the

90
00:04:28,918 --> 00:04:34,349
dumping of fuel over their house and all

91
00:04:31,709 --> 00:04:36,750
the airplanes were on fire airplanes

92
00:04:34,350 --> 00:04:37,800
were crashing UFOs all that sort of

93
00:04:36,750 --> 00:04:40,399
thing

94
00:04:37,800 --> 00:04:44,400
so I became interested in what

95
00:04:40,399 --> 00:04:46,679
condensation trails really are and as as

96
00:04:44,399 --> 00:04:50,219
I move towards the skeptics in the late

97
00:04:46,680 --> 00:04:52,860
90s I became interested in the phenomena

98
00:04:50,220 --> 00:04:56,130
of the chemtrail conspiracy theory and

99
00:04:52,860 --> 00:04:57,479
so I followed that forever and for my

100
00:04:56,129 --> 00:04:59,959

sins

101

00:04:57,478 --> 00:05:03,240

channel 10 asked me to go on last week

102

00:04:59,959 --> 00:05:05,849

yeah it was an interesting interesting

103

00:05:03,240 --> 00:05:08,610

exercise for you but exactly what are

104

00:05:05,850 --> 00:05:11,430

these contrails okay well there's two

105

00:05:08,610 --> 00:05:13,919

types of condensation trail the one that

106

00:05:11,430 --> 00:05:17,490

you will see often if when you go out to

107

00:05:13,918 --> 00:05:20,159

the airport on a wet day is low-flying

108

00:05:17,490 --> 00:05:24,019

aircraft coming in to land or maybe

109

00:05:20,160 --> 00:05:26,220

departing will leave a very short-lived

110

00:05:24,019 --> 00:05:29,329

condensation trail behind them and

111

00:05:26,220 --> 00:05:32,910

that's what's called an aerodynamic

112

00:05:29,329 --> 00:05:35,969

condensation trail and the

113

00:05:32,910 --> 00:05:38,520

that is the wing of an aircraft is

114

00:05:35,970 --> 00:05:41,160

designed to create an area of low

115
00:05:38,519 --> 00:05:43,169
pressure over the wing and where you get

116
00:05:41,160 --> 00:05:45,660
a drop in atmospheric pressure you get a

117
00:05:43,170 --> 00:05:48,500
drop in temperature and quite often

118
00:05:45,660 --> 00:05:52,170
that's just enough to condense the water

119
00:05:48,500 --> 00:05:55,290
gas in the atmosphere into a liquid

120
00:05:52,170 --> 00:05:58,020
and that'll also happen around in the

121
00:05:55,290 --> 00:06:01,490
vortices of aircraft sharp engines like

122
00:05:58,019 --> 00:06:05,669
at the the corners of flaps ailerons etc

123
00:06:01,490 --> 00:06:07,740
now the condensation trail that most

124
00:06:05,670 --> 00:06:11,220
excites the conspiracy theorists is

125
00:06:07,740 --> 00:06:14,519
another one which is the product of the

126
00:06:11,220 --> 00:06:16,230
burning of the fuel uh-huh and that's

127
00:06:14,519 --> 00:06:19,709
caused that is called

128
00:06:16,230 --> 00:06:22,980
an exhaust contrail now anyone who did

129

00:06:19,709 --> 00:06:26,159

high school science will know that if

130

00:06:22,980 --> 00:06:30,810

you burn a hydrocarbon the products are

131

00:06:26,160 --> 00:06:33,090

co₂ and h₂o water now you can you can do

132

00:06:30,810 --> 00:06:35,850

the sums on the chemical equation but

133

00:06:33,089 --> 00:06:38,339

roughly for every ton of fuel you burn

134

00:06:35,850 --> 00:06:43,230

you get slightly more than a ton of

135

00:06:38,339 --> 00:06:46,379

water created now at low temperatures

136

00:06:43,230 --> 00:06:51,800

above 26,000 feet which is about minus

137

00:06:46,379 --> 00:06:54,659

35 degrees centigrade that water

138

00:06:51,800 --> 00:06:57,240

molecule will can will condense into a

139

00:06:54,660 --> 00:06:59,100

nice particle and depending on the

140

00:06:57,240 --> 00:07:02,689

atmospheric conditions temperature

141

00:06:59,100 --> 00:07:05,939

humidity angle of the Sun etc those

142

00:07:02,689 --> 00:07:08,750

exhaust contrails can last a very long

143

00:07:05,939 --> 00:07:11,910
time and they can be dissipated over the

144
00:07:08,750 --> 00:07:13,709
over the area and can form quite a dense

145
00:07:11,910 --> 00:07:16,350
blanket if there's enough of them and

146
00:07:13,709 --> 00:07:19,109
they last long enough so they that's

147
00:07:16,350 --> 00:07:20,820
what they are I see yes I remember when

148
00:07:19,110 --> 00:07:22,740
I used to live in Europe many years ago

149
00:07:20,819 --> 00:07:25,740
looking up and seeing in frequently a

150
00:07:22,740 --> 00:07:27,600
crisscross of these trails across the

151
00:07:25,740 --> 00:07:29,699
sky but one of the things that these

152
00:07:27,600 --> 00:07:31,950
conspiracy theory people love to talk

153
00:07:29,699 --> 00:07:33,750
about is the way that humans are

154
00:07:31,949 --> 00:07:36,209
interfering or trying to modify the

155
00:07:33,750 --> 00:07:38,220
climate of the world and I believe this

156
00:07:36,209 --> 00:07:42,209
is tied in closely with the the

157
00:07:38,220 --> 00:07:43,800

chemtrail conspiracy yeah the accusation

158

00:07:42,209 --> 00:07:46,509

is now you'll have to keep up here

159

00:07:43,800 --> 00:07:50,379

Richard the original

160

00:07:46,509 --> 00:07:53,159

spirited theory was that the chemtrails

161

00:07:50,379 --> 00:07:56,199

are actually the spraying of chemicals

162

00:07:53,160 --> 00:07:59,050

intended to stupefy the population to

163

00:07:56,199 --> 00:08:00,909

Dallas or town to be more dull and we

164

00:07:59,050 --> 00:08:04,060

really are and that was to make a stay

165

00:08:00,910 --> 00:08:06,490

silent and enable the takeover by aliens

166

00:08:04,060 --> 00:08:10,120

KGB CIA

167

00:08:06,490 --> 00:08:12,960

Illuminati etc the conspiracy theories

168

00:08:10,120 --> 00:08:16,090

moved on in the last couple of years to

169

00:08:12,959 --> 00:08:18,159

climate modification so we're not being

170

00:08:16,089 --> 00:08:21,099

dulled down anymore

171

00:08:18,160 --> 00:08:21,790

it's all about altering the Earth's

172
00:08:21,100 --> 00:08:25,060
climate

173
00:08:21,790 --> 00:08:29,950
supposedly in response to global warming

174
00:08:25,060 --> 00:08:32,950
and keep up Richard the constraint it's

175
00:08:29,949 --> 00:08:35,740
pure asleep theory has moved on it's now

176
00:08:32,950 --> 00:08:38,110
all about spraying GMOs genetically

177
00:08:35,740 --> 00:08:41,649
modified organisms but I'm not able to

178
00:08:38,110 --> 00:08:43,539
find out the intent of that so our

179
00:08:41,649 --> 00:08:45,279
climate is being modified we're being

180
00:08:43,539 --> 00:08:49,209
dulled down and we're being sprayed with

181
00:08:45,279 --> 00:08:51,579
GMOs but I still think they're the

182
00:08:49,210 --> 00:08:54,129
Illuminati are behind us all for sure oh

183
00:08:51,580 --> 00:08:55,990
absolutely for sure now other people

184
00:08:54,129 --> 00:08:58,120
would point out to the fact that there

185
00:08:55,990 --> 00:08:59,889
are I don't know there are hundreds of

186
00:08:58,120 --> 00:09:02,590
photographs and videos on the internet

187
00:08:59,889 --> 00:09:05,939
showing aircraft spraying vapor clouds

188
00:09:02,590 --> 00:09:08,200
and they seem to have nozzles and

189
00:09:05,940 --> 00:09:09,370
barrels and things hooked up to pipes

190
00:09:08,200 --> 00:09:11,800
what's that all about

191
00:09:09,370 --> 00:09:14,649
okay well there's only a couple of

192
00:09:11,799 --> 00:09:18,299
photographs but and a couple of videos

193
00:09:14,649 --> 00:09:20,919
but they've been they've been repeated

194
00:09:18,299 --> 00:09:24,039
reposted millions of times there are a

195
00:09:20,919 --> 00:09:27,699
couple of videos some of the videos are

196
00:09:24,039 --> 00:09:29,799
the arid or dynamic condensation which

197
00:09:27,700 --> 00:09:32,379
can happen as I said at low altitudes

198
00:09:29,799 --> 00:09:35,649
mmm-hmm but the photographs and videos

199
00:09:32,379 --> 00:09:39,340
of the barrels in aircraft come from two

200

00:09:35,649 --> 00:09:42,850
sources NASA and Boeing did a study back

201
00:09:39,340 --> 00:09:45,370
in the 70s of a phenomenon that had only

202
00:09:42,850 --> 00:09:47,649
just been being detected called wake

203
00:09:45,370 --> 00:09:51,340
turbulence and with the arrival of the

204
00:09:47,649 --> 00:09:54,639
wide-body 747 wake turbulence became a

205
00:09:51,340 --> 00:09:56,590
huge safety concern for pilots and air

206
00:09:54,639 --> 00:10:00,009
traffic controllers and it wasn't well

207
00:09:56,590 --> 00:10:02,230
understood so Boeing and NASA conduct

208
00:10:00,009 --> 00:10:06,939
study which involved the spraying of

209
00:10:02,230 --> 00:10:10,779
water out of nozzles behind Boeing 747

210
00:10:06,940 --> 00:10:15,060
to determine how exactly wake turbulence

211
00:10:10,779 --> 00:10:18,459
behaves and incidentally the surprise

212
00:10:15,059 --> 00:10:23,079
finding was that wake turbulence can be

213
00:10:18,460 --> 00:10:26,980
very extensive can cover a large area

214
00:10:23,080 --> 00:10:30,820

and lasts a very long time and the the

215

00:10:26,980 --> 00:10:34,420

other phenomena or the other group of

216

00:10:30,820 --> 00:10:36,360

photographs as simply showing the air

217

00:10:34,419 --> 00:10:40,269

word--the and a certification process

218

00:10:36,360 --> 00:10:42,909

with barrels of water inside a prototype

219

00:10:40,269 --> 00:10:44,829

aircraft hmm and the water is pumped

220

00:10:42,909 --> 00:10:47,439

around to alter the weight and balance

221

00:10:44,830 --> 00:10:51,160

of the aircraft and so there's perfectly

222

00:10:47,440 --> 00:10:53,940

rational explanations for both sets of

223

00:10:51,159 --> 00:10:56,860

photographs now that hasn't prevented

224

00:10:53,940 --> 00:10:58,960

people altering the photographs -

225

00:10:56,860 --> 00:11:01,330

supposedly support their conspiracy

226

00:10:58,960 --> 00:11:03,129

theory and I have detected some

227

00:11:01,330 --> 00:11:06,430

photographs that have clearly been

228

00:11:03,129 --> 00:11:09,009

doctored but the that's what it's all

229
00:11:06,429 --> 00:11:11,199
about perfectly rational explanation no

230
00:11:09,009 --> 00:11:13,360
it's no surprise there but why are there

231
00:11:11,200 --> 00:11:15,460
people then the conspiracy people saying

232
00:11:13,360 --> 00:11:18,490
that the government and NASA and so on

233
00:11:15,460 --> 00:11:20,139
CIA for example they say they they claim

234
00:11:18,490 --> 00:11:22,210
they've admitted to it or they've got

235
00:11:20,139 --> 00:11:25,449
experts who won't speak publicly but

236
00:11:22,210 --> 00:11:28,420
it's a it's all been uncovered well

237
00:11:25,450 --> 00:11:30,670
every conspiracy theory Biden by

238
00:11:28,419 --> 00:11:34,059
definition requires some government

239
00:11:30,669 --> 00:11:36,459
whistleblower to remain yeah you know

240
00:11:34,059 --> 00:11:39,549
covered up in the background confirming

241
00:11:36,460 --> 00:11:41,830
this is true yes but but all governments

242
00:11:39,549 --> 00:11:43,990
have acknowledged is that yes they have

243
00:11:41,830 --> 00:11:47,860
done err Worth and certification they

244
00:11:43,990 --> 00:11:50,139
have studied wake turbulence I'm also

245
00:11:47,860 --> 00:11:53,800
interested in the psychology of it right

246
00:11:50,139 --> 00:11:57,220
a really good conspiracy theory requires

247
00:11:53,799 --> 00:12:00,669
just a germ of truth so there was

248
00:11:57,220 --> 00:12:03,700
spraying of a water vapor scientists

249
00:12:00,669 --> 00:12:07,509
have discussed altering the climate by

250
00:12:03,700 --> 00:12:10,060
putting solar shields in the atmosphere

251
00:12:07,509 --> 00:12:12,370
or even into orbit but there is no

252
00:12:10,059 --> 00:12:13,869
program there has never been a program

253
00:12:12,370 --> 00:12:16,269
of trying to alter

254
00:12:13,870 --> 00:12:18,820
world's climate by spraying out

255
00:12:16,269 --> 00:12:22,149
chemtrails now let's distinguish that

256
00:12:18,820 --> 00:12:25,270
from a process that began back in the

257

00:12:22,149 --> 00:12:28,929
50s of cloud seeding uh and that was

258
00:12:25,269 --> 00:12:32,319
that was an attempt to alter local

259
00:12:28,929 --> 00:12:34,149
weather by generating rain I gather it's

260
00:12:32,320 --> 00:12:36,970
not been a great success we're going to

261
00:12:34,149 --> 00:12:39,009
take this but that is very different to

262
00:12:36,970 --> 00:12:42,040
the climate alteration that the

263
00:12:39,009 --> 00:12:43,419
conspiracy theorists are so fond of now

264
00:12:42,039 --> 00:12:45,699
I remember

265
00:12:43,419 --> 00:12:47,799
viewing the video Oh actually I watched

266
00:12:45,700 --> 00:12:51,430
it live when you're on TV one of the

267
00:12:47,799 --> 00:12:54,039
things that Dwayne Whittington did was

268
00:12:51,429 --> 00:12:56,528
to claim he had a what was it a general

269
00:12:54,039 --> 00:12:58,750
who admitted to all this in the

270
00:12:56,528 --> 00:13:01,480
background there so that's something

271
00:12:58,750 --> 00:13:04,149

that you really can't refute on the spot

272

00:13:01,480 --> 00:13:06,129

isn't it no you cannot refute that on

273

00:13:04,149 --> 00:13:07,959

the spot I mean unless you know all we

274

00:13:06,129 --> 00:13:11,799

can do is challenge them to produce this

275

00:13:07,960 --> 00:13:14,589

general yeah now again there was just a

276

00:13:11,799 --> 00:13:19,059

germ of truth in one thing he said and

277

00:13:14,589 --> 00:13:20,830

he claims that scientists and coin you

278

00:13:19,059 --> 00:13:23,409

know climate scientists particularly had

279

00:13:20,830 --> 00:13:27,670

been forbidden by the US government to

280

00:13:23,409 --> 00:13:30,639

discuss chemtrails yes there is a germ

281

00:13:27,669 --> 00:13:32,740

of truth in that in that the current US

282

00:13:30,639 --> 00:13:34,509

government has forbidden climate

283

00:13:32,740 --> 00:13:37,899

scientists who work for the government

284

00:13:34,509 --> 00:13:39,700

to discuss global warming now that's a

285

00:13:37,899 --> 00:13:41,639

different subject altogether global

286
00:13:39,700 --> 00:13:44,680
warming exists it is a threat to our

287
00:13:41,639 --> 00:13:46,120
civilization and to my mind scientists

288
00:13:44,679 --> 00:13:49,269
should be allowed to discuss these

289
00:13:46,120 --> 00:13:51,220
things and open public forums but the US

290
00:13:49,269 --> 00:13:53,259
government for their political reasons

291
00:13:51,220 --> 00:13:55,389
there's banned that so there was a germ

292
00:13:53,259 --> 00:13:57,610
of truth of what he said but I think he

293
00:13:55,389 --> 00:14:00,699
was basically being dishonest because he

294
00:13:57,610 --> 00:14:02,589
waved a form at us on the TV cameras

295
00:14:00,700 --> 00:14:03,790
which didn't really support what he said

296
00:14:02,589 --> 00:14:06,010
yeah

297
00:14:03,789 --> 00:14:07,689
now folks I again I will link to this

298
00:14:06,009 --> 00:14:10,240
video in the show notes and you can see

299
00:14:07,690 --> 00:14:12,820
it for yourself and what you and I know

300
00:14:10,240 --> 00:14:15,399
is Gish galloping is where your opponent

301
00:14:12,820 --> 00:14:18,040
will just come up with endless reams and

302
00:14:15,399 --> 00:14:20,370
reams and reams of claims mixed in with

303
00:14:18,039 --> 00:14:22,659
a few facts mixed in with a few

304
00:14:20,370 --> 00:14:24,350
unbelievable statements and you are left

305
00:14:22,659 --> 00:14:26,299
struggling to try and come

306
00:14:24,350 --> 00:14:28,220
at the mall although our friend dr. Kyle

307
00:14:26,299 --> 00:14:31,759
Cruz menisci likes the term garbage

308
00:14:28,220 --> 00:14:33,950
galloping now you'll see all that

309
00:14:31,759 --> 00:14:35,779
conspiracy theories as we've discussed

310
00:14:33,950 --> 00:14:38,750
on the skeptic zone many times it's like

311
00:14:35,779 --> 00:14:42,079
a rabbit hole and endless warren of dead

312
00:14:38,750 --> 00:14:44,240
ends and false trails and in your

313
00:14:42,080 --> 00:14:46,850
opinion is there any sort of link

314

00:14:44,240 --> 00:14:49,129
between chemtrail conspiracy and that

315
00:14:46,850 --> 00:14:51,259
broader conspiracies are people more

316
00:14:49,129 --> 00:14:54,769
likely to believe in lots of conspiracy

317
00:14:51,259 --> 00:14:56,539
theories yeah my experience I'm not

318
00:14:54,769 --> 00:14:59,600
qualified in psychology but my

319
00:14:56,539 --> 00:15:03,110
experience of skepticism in science is

320
00:14:59,600 --> 00:15:04,970
that people who are vulnerable to one

321
00:15:03,110 --> 00:15:07,820
conspiracy theory are quite often

322
00:15:04,970 --> 00:15:12,889
vulnerable to several and Dane Wigington

323
00:15:07,820 --> 00:15:16,520
the chemtrail conspiracy leader is also

324
00:15:12,889 --> 00:15:19,429
into the vaccine denial and 9/11 denial

325
00:15:16,519 --> 00:15:23,269
and I think he's even queried who shot

326
00:15:19,429 --> 00:15:25,719
JFK and meant everything so at the back

327
00:15:23,269 --> 00:15:28,879
of all of this is a psychological makeup

328
00:15:25,720 --> 00:15:31,610

that in the absence of good hard facts

329

00:15:28,879 --> 00:15:35,330

and and a good education tends to lean

330

00:15:31,610 --> 00:15:38,330

towards the simplest explanation which

331

00:15:35,330 --> 00:15:41,629

quite often is a conspiracy theory but

332

00:15:38,330 --> 00:15:44,090

it is an indictment on some education

333

00:15:41,629 --> 00:15:47,000

systems that people really don't

334

00:15:44,090 --> 00:15:49,550

understand basic chemistry and basic

335

00:15:47,000 --> 00:15:51,980

science about how an aircraft works and

336

00:15:49,549 --> 00:15:53,689

and the fuels you know what happens to

337

00:15:51,980 --> 00:15:55,639

the fuels when they get burnt and so on

338

00:15:53,690 --> 00:15:58,280

well Ken look thanks for filling us in

339

00:15:55,639 --> 00:16:00,710

on that it was a fascinating exercise I

340

00:15:58,279 --> 00:16:03,980

think you were just the right person to

341

00:16:00,710 --> 00:16:07,310

be on it's a sort of a hiding to nowhere

342

00:16:03,980 --> 00:16:08,779

because it's it's so tough to to debate

343
00:16:07,309 --> 00:16:10,909
somebody like this I mean we've seen

344
00:16:08,779 --> 00:16:12,889
this with the creationists and even to

345
00:16:10,909 --> 00:16:15,289
the anti-vaxxers it's it's a hard thing

346
00:16:12,889 --> 00:16:20,360
to do and I think you did reasonably

347
00:16:15,289 --> 00:16:22,250
well thank you but for now and I'm sure

348
00:16:20,360 --> 00:16:24,139
we'll speak to you again very soon ken

349
00:16:22,250 --> 00:16:42,500
MacLeod thank you very much

350
00:16:24,139 --> 00:16:46,509
okay Lavar Richard C Brisbane skeptic

351
00:16:42,500 --> 00:16:49,458
Society 2019 skeptic amp

352
00:16:46,509 --> 00:16:52,759
that's right skeptic OHS it's time once

353
00:16:49,458 --> 00:16:53,629
again for our sort of annual Brisbane

354
00:16:52,759 --> 00:16:57,230
skeptic camp

355
00:16:53,629 --> 00:17:00,259
on the 9th of June this is a free event

356
00:16:57,230 --> 00:17:02,240
where members of our community you get

357
00:17:00,259 --> 00:17:05,088
to present whatever topic you are

358
00:17:02,240 --> 00:17:11,838
passionate about we are very excited to

359
00:17:05,088 --> 00:17:14,058
be at the slideshow this year this funky

360
00:17:11,838 --> 00:17:17,029
venue is in the West End but not right

361
00:17:14,058 --> 00:17:20,298
in town where parking is terrible they

362
00:17:17,029 --> 00:17:23,720
have their own cafe on site and beers

363
00:17:20,298 --> 00:17:25,220
with vegan treats outside food is

364
00:17:23,720 --> 00:17:27,588
welcome so if you don't like their

365
00:17:25,220 --> 00:17:29,269
options you can get something delivered

366
00:17:27,588 --> 00:17:31,909
sounds too good to be true

367
00:17:29,269 --> 00:17:35,058
there are even comfy couches if you need

368
00:17:31,910 --> 00:17:37,429
time out this year we are very pleased

369
00:17:35,058 --> 00:17:40,428
our friends from the Gold Coast skeptics

370
00:17:37,429 --> 00:17:41,509
are co-hosting we also have musical

371

00:17:40,429 --> 00:17:48,410
entertainment lined up

372
00:17:41,509 --> 00:17:50,690
thanks to conspiracy of one with many

373
00:17:48,410 --> 00:17:53,210
other venues the West End has to offer

374
00:17:50,690 --> 00:17:56,900
I'm sure there will be a few drinks

375
00:17:53,210 --> 00:18:00,529
after we wrap up as well apply to speak

376
00:17:56,900 --> 00:18:04,580
send an email to skip tonight at big

377
00:18:00,529 --> 00:18:10,279
pond calm to secure a spot that's sk EP

378
00:18:04,579 --> 00:18:12,949
t IM ite at big pond calm please include

379
00:18:10,279 --> 00:18:16,058
your name and the title of your talk if

380
00:18:12,950 --> 00:18:16,058
you have a title ready

381
00:18:17,440 --> 00:18:23,630
matze brisbane skeptic camp for 2019 on

382
00:18:20,839 --> 00:18:26,569
the 9th of june for more information

383
00:18:23,630 --> 00:18:28,340
head to brisbane skeptics org or just

384
00:18:26,569 --> 00:18:28,879
follow the link in this week's show

385
00:18:28,339 --> 00:18:38,478

notes

386

00:18:28,880 --> 00:18:38,479
[Music]

387

00:18:41,690 --> 00:18:44,759
[Music]

388

00:18:48,019 --> 00:18:54,019
I was a teenager I used to wear a

389

00:18:51,500 --> 00:18:58,490
t-shirt which I made myself screen

390

00:18:54,019 --> 00:19:02,660
printing with a little UFO on it and the

391

00:18:58,490 --> 00:19:05,509
words watch the sky and I'll never

392

00:19:02,660 --> 00:19:07,130
forget the UFO craze of the late 70s

393

00:19:05,509 --> 00:19:08,660
centered around the movie Close

394

00:19:07,130 --> 00:19:14,590
Encounters of the Third Kind

395

00:19:08,660 --> 00:19:14,590
[Music]

396

00:19:15,079 --> 00:19:18,918
and this has prompted me to look through

397

00:19:16,819 --> 00:19:23,898
the pages of the skeptic magazine the

398

00:19:18,919 --> 00:19:27,200
journal from Australian skeptics to 1998

399

00:19:23,898 --> 00:19:31,398
well sometime after I was a teenager in

400
00:19:27,200 --> 00:19:34,159
volume 18 number 3 on page 23 we find an

401
00:19:31,398 --> 00:19:36,709
article by dr. Steve Roberts an old

402
00:19:34,159 --> 00:19:42,320
friend of the sceptic zone UFOs the

403
00:19:36,710 --> 00:19:44,450
first fifty years and I guess this could

404
00:19:42,319 --> 00:19:51,408
almost be called now UFOs the first

405
00:19:44,450 --> 00:19:53,749
seventy years spread the fingers of one

406
00:19:51,409 --> 00:19:56,480
hand let each finger point at a

407
00:19:53,749 --> 00:19:59,569
different person count all the fingers

408
00:19:56,480 --> 00:20:02,509
of those people since the first UFO

409
00:19:59,569 --> 00:20:05,778
story was told our planet has orbited

410
00:20:02,509 --> 00:20:07,759
its Sun that many times those who tell

411
00:20:05,778 --> 00:20:10,489
the stories have failed to produce

412
00:20:07,759 --> 00:20:13,819
supporting evidence of adequate quality

413
00:20:10,489 --> 00:20:16,700
for general belief however not only do

414
00:20:13,819 --> 00:20:19,398
the stories definitely exist they have

415
00:20:16,700 --> 00:20:22,819
been independently recorded for us by

416
00:20:19,398 --> 00:20:26,268
the movie industry movies after all

417
00:20:22,819 --> 00:20:28,849
reflect rather than determine popular

418
00:20:26,269 --> 00:20:31,669
culture the purpose of nearly all movies

419
00:20:28,849 --> 00:20:34,278
is to sell tickets rather than get some

420
00:20:31,669 --> 00:20:36,919
important message across many movies

421
00:20:34,278 --> 00:20:39,319
have stemmed from the UFO subculture

422
00:20:36,919 --> 00:20:41,749
itself in particular both cultures

423
00:20:39,319 --> 00:20:45,230
follow that of the United States of

424
00:20:41,749 --> 00:20:49,489
America where 80% of reported abductions

425
00:20:45,230 --> 00:20:51,679
occur even before movies were invented

426
00:20:49,489 --> 00:20:54,079
we made up stories that reflected our

427
00:20:51,679 --> 00:20:56,720
belief systems many will have played

428

00:20:54,079 --> 00:20:59,418
that party game where someone leaves the

429
00:20:56,720 --> 00:21:01,429
room while a story is told the absent

430
00:20:59,419 --> 00:21:03,200
person returns and tries to establish

431
00:21:01,429 --> 00:21:06,320
the story by asking questions to be

432
00:21:03,200 --> 00:21:09,230
answered with a yes or no but there

433
00:21:06,319 --> 00:21:12,138
never was a story and the yes/no replies

434
00:21:09,230 --> 00:21:15,259
are actually determined by some

435
00:21:12,138 --> 00:21:17,538
arbitrary rule unaware the questioner

436
00:21:15,259 --> 00:21:19,579
constructs a story anyway and then

437
00:21:17,538 --> 00:21:22,038
passionately believes in it

438
00:21:19,579 --> 00:21:24,349
revealing various hidden psychological

439
00:21:22,038 --> 00:21:27,288
obsessions to the amusement of everyone

440
00:21:24,349 --> 00:21:29,089
else movie films are a ready indicator

441
00:21:27,288 --> 00:21:31,579
of earthling culture

442
00:21:29,089 --> 00:21:34,750

and can be recalled unchanged and

443

00:21:31,579 --> 00:21:37,639
reviewed objectively many years later

444

00:21:34,750 --> 00:21:40,940
the rewriting of history by the UFO

445

00:21:37,640 --> 00:21:43,970
subculture is interesting in itself for

446

00:21:40,940 --> 00:21:47,650
example the Roswell incidence of 1947

447

00:21:43,970 --> 00:21:50,390
1948 were rapidly dismissed at the time

448

00:21:47,650 --> 00:21:53,210
resurrected as an obscure story in about

449

00:21:50,390 --> 00:21:55,160
1980 and did not feature prominently

450

00:21:53,210 --> 00:21:57,470
until the 1990s

451

00:21:55,160 --> 00:21:59,269
now the exploiters are making a living

452

00:21:57,470 --> 00:22:02,269
out of them the half century since

453

00:21:59,269 --> 00:22:05,839
Kenneth Arnold's seminal sighting of the

454

00:22:02,269 --> 00:22:08,329
24th of June 1947 can be readily divided

455

00:22:05,839 --> 00:22:11,629
up into six points of time a decade

456

00:22:08,329 --> 00:22:14,299
apart now after half a century of this

457
00:22:11,630 --> 00:22:16,580
tiresome phenomenon let us view the

458
00:22:14,299 --> 00:22:19,159
evidence of UFOs aliens and their

459
00:22:16,579 --> 00:22:21,230
messages at each decade of the 20th

460
00:22:19,160 --> 00:22:23,990
century first through the movie culture

461
00:22:21,230 --> 00:22:26,599
then through the UFO reports that have

462
00:22:23,990 --> 00:22:30,380
wasted so much popular time and

463
00:22:26,599 --> 00:22:33,769
attention in 1947 movie science fiction

464
00:22:30,380 --> 00:22:37,100
was in its infancy typical movies of the

465
00:22:33,769 --> 00:22:39,889
pre UFO culture that bear the subject

466
00:22:37,099 --> 00:22:43,419
Flash Gordon or the cartoon Marvin the

467
00:22:39,890 --> 00:22:47,240
Martian with its aliens like ourselves

468
00:22:43,420 --> 00:22:50,660
saving spending on special effects with

469
00:22:47,240 --> 00:22:52,940
small but bizarre differences the area

470
00:22:50,660 --> 00:22:55,130
on the top of the head of course the

471
00:22:52,940 --> 00:22:57,920
aliens came from planets with breathable

472
00:22:55,130 --> 00:22:59,600
atmosphere naturally spoke English wore

473
00:22:57,920 --> 00:23:02,450
shirts and trousers and were

474
00:22:59,599 --> 00:23:06,409
chauvinistic towards females they were

475
00:23:02,450 --> 00:23:09,410
so like us those very few UFOs seen

476
00:23:06,410 --> 00:23:13,009
before 1947 and only considered to be

477
00:23:09,410 --> 00:23:15,380
spacecraft since 1947 tended to be made

478
00:23:13,009 --> 00:23:20,480
out of everyday materials such as wood

479
00:23:15,380 --> 00:23:24,440
and cloth ezekiel 600 bc saw men wheels

480
00:23:20,480 --> 00:23:28,430
and fire the american sighting of 1897

481
00:23:24,440 --> 00:23:30,049
was described and drawn as an airship no

482
00:23:28,430 --> 00:23:33,019
other flying objects having been

483
00:23:30,049 --> 00:23:35,329
invented at the time not only were the

484
00:23:33,019 --> 00:23:38,299
materials of these primordial UFOs

485

00:23:35,329 --> 00:23:40,399
limited to what was well known so was

486
00:23:38,299 --> 00:23:42,500
the technology with little interest

487
00:23:40,400 --> 00:23:45,409
being shown by humanity in

488
00:23:42,500 --> 00:23:47,569
darn things might be able to fly people

489
00:23:45,409 --> 00:23:49,940
were more concerned that the UFO should

490
00:23:47,569 --> 00:23:52,779
have opening windows so the aliens could

491
00:23:49,940 --> 00:23:55,900
look out and maybe get some fresh air

492
00:23:52,779 --> 00:23:59,288
unlike the craft sightings of the pre

493
00:23:55,900 --> 00:24:03,080
1947 aliens stretched back to prehistory

494
00:23:59,288 --> 00:24:05,960
we can include God's Devils succubi and

495
00:24:03,079 --> 00:24:08,000
ghosts however none of these generally

496
00:24:05,960 --> 00:24:12,259
had attitudes towards humanity or

497
00:24:08,000 --> 00:24:15,788
messages for us after the 1947 and 1948

498
00:24:12,259 --> 00:24:18,500
UFO flaps things changed rapidly and

499
00:24:15,788 --> 00:24:21,619

before the first movies on this theme

500

00:24:18,500 --> 00:24:24,710
came out in about 1952 the UFO

501

00:24:21,619 --> 00:24:27,829
phenomenon had blossomed died down and

502

00:24:24,710 --> 00:24:31,819
became a laughingstock all round we had

503

00:24:27,829 --> 00:24:36,048
become UFO aware and already skeptical

504

00:24:31,819 --> 00:24:38,960
by 1957 a whole swag of flying saucer

505

00:24:36,048 --> 00:24:41,509
films had been made some very poor of

506

00:24:38,960 --> 00:24:44,210
course but a few such as The Day the

507

00:24:41,509 --> 00:24:46,819
Earth Stood Still have become icons of

508

00:24:44,210 --> 00:24:50,120
popular culture even now who cannot

509

00:24:46,819 --> 00:24:52,259
repeat with joy and we use the movie

510

00:24:50,119 --> 00:24:55,598
soundtrack

511

00:24:52,259 --> 00:24:55,598
[Music]

512

00:24:57,900 --> 00:25:02,790
have to Barada nikto

513

00:25:05,109 --> 00:25:11,240
well perhaps samba knighted people cut

514
00:25:08,240 --> 00:25:13,759
anyway the shiny Flying Saucer

515
00:25:11,240 --> 00:25:16,669
and mighty alien robot have featured on

516
00:25:13,759 --> 00:25:19,490
LP covers the posters of the film now

517
00:25:16,669 --> 00:25:22,100
sell at high prices and the film is

518
00:25:19,490 --> 00:25:24,740
still watched with respect the UFO

519
00:25:22,099 --> 00:25:27,668
reports in the 1950s tended to be of

520
00:25:24,740 --> 00:25:30,169
riveted unpainted sheetmetal

521
00:25:27,669 --> 00:25:32,600
contemporary with our own aircraft at

522
00:25:30,169 --> 00:25:35,320
the time their technology was more

523
00:25:32,599 --> 00:25:39,199
accessible to our understanding almost

524
00:25:35,319 --> 00:25:40,819
noble but just out of reach it was the

525
00:25:39,200 --> 00:25:43,970
sort of thing we would have been

526
00:25:40,819 --> 00:25:46,069
developing 20 years later when indeed

527
00:25:43,970 --> 00:25:48,528
electrical engineering student

528
00:25:46,069 --> 00:25:51,408
colleagues of mine made a look-alike

529
00:25:48,528 --> 00:25:53,659
flying saucer for a project they even

530
00:25:51,409 --> 00:25:56,390
hovered and had moved along above a

531
00:25:53,659 --> 00:25:59,750
steel plate using heavy induction coils

532
00:25:56,390 --> 00:26:02,210
and incurring a vast electricity bill

533
00:25:59,750 --> 00:26:05,480
the aliens reported and often

534
00:26:02,210 --> 00:26:08,929
photographed in the 1950s war like us

535
00:26:05,480 --> 00:26:11,769
the neat shirts and baggy trousers and

536
00:26:08,929 --> 00:26:14,809
short back inside greasy hair styles of

537
00:26:11,769 --> 00:26:18,259
contemporary human fashion they also

538
00:26:14,808 --> 00:26:20,509
wore the same chauvinism females being

539
00:26:18,259 --> 00:26:23,269
generally dismissed as insignificant by

540
00:26:20,509 --> 00:26:25,398
aliens and humans alike contemporary

541
00:26:23,269 --> 00:26:27,470
earthling culture included a post-war

542

00:26:25,398 --> 00:26:30,829
acknowledgement of military rank and

543
00:26:27,470 --> 00:26:33,288
power therefore the aliens commanded us

544
00:26:30,829 --> 00:26:35,599
and we listened with fear and respect

545
00:26:33,288 --> 00:26:40,000
they had dictatorial messages for

546
00:26:35,599 --> 00:26:43,038
Humanity such as stop fighting wars in

547
00:26:40,000 --> 00:26:45,558
the movies when this attitude got too

548
00:26:43,038 --> 00:26:47,839
exasperated or on suspicion that the

549
00:26:45,558 --> 00:26:50,000
aliens might be communists the

550
00:26:47,839 --> 00:26:52,639
Earthlings would start to shoot at the

551
00:26:50,000 --> 00:26:55,669
aliens with pistols sometimes the aliens

552
00:26:52,640 --> 00:26:59,750
retaliated with a ray gun and shot more

553
00:26:55,669 --> 00:27:01,370
accurately by 1967 our political and

554
00:26:59,750 --> 00:27:04,880
social climate had changed considerably

555
00:27:01,369 --> 00:27:07,849
and our UFOs reflected this new

556
00:27:04,880 --> 00:27:10,789

happiness our society was fertile for

557

00:27:07,849 --> 00:27:14,359

the hippie revolution a military versus

558

00:27:10,788 --> 00:27:17,359

civilian schism had opened and people

559

00:27:14,359 --> 00:27:20,139

asking why we had so many atom bombs

560

00:27:17,359 --> 00:27:23,389

when we weren't fighting any wars a

561

00:27:20,140 --> 00:27:25,370

significant movie of this era was dr.

562

00:27:23,390 --> 00:27:28,340

Strangelove or how I learned to stop

563

00:27:25,369 --> 00:27:31,069

worrying and love the bomb which showed

564

00:27:28,339 --> 00:27:33,439

a newfound contempt for authority and

565

00:27:31,069 --> 00:27:35,720

the underlying instability of its

566

00:27:33,440 --> 00:27:37,789

military power even though the audience

567

00:27:35,720 --> 00:27:39,920

had to draw its conclusions for

568

00:27:37,789 --> 00:27:43,940

themselves since no characters in the

569

00:27:39,920 --> 00:27:46,610

movie stated them the 1960's UFOs also

570

00:27:43,940 --> 00:27:48,529

showed marked improvements and now were

571
00:27:46,609 --> 00:27:51,889
typically of molded plastic construction

572
00:27:48,529 --> 00:27:55,279
with smooth curved surfaces human

573
00:27:51,890 --> 00:27:58,430
imagination had widened so much that the

574
00:27:55,279 --> 00:28:01,399
UFO propulsion technology had left ahead

575
00:27:58,430 --> 00:28:03,920
and now belonged about fifty years ahead

576
00:28:01,400 --> 00:28:06,710
of its time slightly ahead of what we

577
00:28:03,920 --> 00:28:08,390
could have now the typical pre hippie

578
00:28:06,710 --> 00:28:11,329
aliens were beautiful humanoid

579
00:28:08,390 --> 00:28:14,000
characters having long blonde hair and a

580
00:28:11,329 --> 00:28:16,569
serene expression a warm one-piece

581
00:28:14,000 --> 00:28:19,940
jumpsuits made of some incomprehensible

582
00:28:16,569 --> 00:28:22,519
high-tech silvery material the aliens

583
00:28:19,940 --> 00:28:26,090
attitude was no longer commanding but

584
00:28:22,519 --> 00:28:28,519
more like advertising we ourselves had

585
00:28:26,089 --> 00:28:31,250
evolved politically and were no longer

586
00:28:28,519 --> 00:28:34,460
ready to obey every command they spoke

587
00:28:31,250 --> 00:28:37,880
in soft reasonable voices messages to

588
00:28:34,460 --> 00:28:40,940
humanity were still patronizing but not

589
00:28:37,880 --> 00:28:44,120
in an aggressive manner stop testing

590
00:28:40,940 --> 00:28:46,390
atom bombs reflected a contemporary

591
00:28:44,119 --> 00:28:48,769
obsession about politicians and military

592
00:28:46,390 --> 00:28:50,930
sometimes the aliens offered to give

593
00:28:48,769 --> 00:28:54,139
their advanced technology to us if we

594
00:28:50,930 --> 00:28:56,269
could exhibit a bit more maturity we

595
00:28:54,140 --> 00:28:58,970
were as inquisitive children playing

596
00:28:56,269 --> 00:29:01,670
with fireworks handling power beyond our

597
00:28:58,970 --> 00:29:04,640
intellect and consequently in some great

598
00:29:01,670 --> 00:29:08,509
but unknown danger then our society

599

00:29:04,640 --> 00:29:12,230
moved along to 1977 and the aliens

600
00:29:08,509 --> 00:29:14,809
changed with us the big movie of 1977

601
00:29:12,230 --> 00:29:18,370
was actually about aliens and was called

602
00:29:14,809 --> 00:29:18,369
Close Encounters of the Third Kind

603
00:29:21,150 --> 00:29:27,940
it also gave rise to its own UFO flap

604
00:29:25,470 --> 00:29:30,670
comparing this cinematic confection with

605
00:29:27,940 --> 00:29:33,910
its precursors of 20 years before it

606
00:29:30,670 --> 00:29:36,269
reflected a far kinder attitude by humans

607
00:29:33,910 --> 00:29:40,330
to ETS and vice versa

608
00:29:36,269 --> 00:29:42,730
everybody empathized and became patchy

609
00:29:40,329 --> 00:29:45,039
feely nobody got shot at

610
00:29:42,730 --> 00:29:47,349
it was also far better made than

611
00:29:45,039 --> 00:29:50,769
previous efforts and the box office

612
00:29:47,349 --> 00:29:54,519
returns of this investment showed that

613
00:29:50,769 --> 00:29:57,670

there was now big money in UFOs the

614

00:29:54,519 --> 00:30:00,639

alien craft of the 1970s had evolved

615

00:29:57,670 --> 00:30:02,920

from mysterious shapes of plastic to

616

00:30:00,640 --> 00:30:05,590

realistic shapes resembling our own

617

00:30:02,920 --> 00:30:08,320

aircraft we were getting fussier about

618

00:30:05,589 --> 00:30:11,139

our science except that film makers and

619

00:30:08,319 --> 00:30:14,289

UFO devotees alike often forgot that

620

00:30:11,140 --> 00:30:15,270

aerodynamic styling is not necessary in

621

00:30:14,289 --> 00:30:18,700

outer space

622

00:30:15,269 --> 00:30:21,609

UFO propulsion technology was understood

623

00:30:18,700 --> 00:30:24,160

to be far in advance of our own based on

624

00:30:21,609 --> 00:30:27,250

atomic fusion for example the sort of

625

00:30:24,160 --> 00:30:30,910

thing humanity might achieve in 2100

626

00:30:27,250 --> 00:30:32,920

with considerable effort generally the

627

00:30:30,910 --> 00:30:34,990

aliens were willing to advance their

628
00:30:32,920 --> 00:30:37,539
advanced technology to us and now

629
00:30:34,990 --> 00:30:40,569
without preconditions in human culture

630
00:30:37,539 --> 00:30:43,839
barmy theories of physics were appearing

631
00:30:40,569 --> 00:30:46,419
in quantity by the 1970s aliens had

632
00:30:43,839 --> 00:30:49,299
undergone a transformation from the

633
00:30:46,420 --> 00:30:51,970
beautiful brainy beings towards a more

634
00:30:49,299 --> 00:30:54,639
grotesque form seen in the film star

635
00:30:51,970 --> 00:30:57,160
wars and et it is indicative of

636
00:30:54,640 --> 00:30:59,650
Spielberg's genius that he depicted

637
00:30:57,160 --> 00:31:02,740
aliens more in the style of the latter

638
00:30:59,650 --> 00:31:03,280
1980s or that his films drove this to

639
00:31:02,740 --> 00:31:05,799
happen

640
00:31:03,279 --> 00:31:08,440
the aliens also began to warn us instead

641
00:31:05,799 --> 00:31:11,649
of instructing us stop polluting the

642
00:31:08,440 --> 00:31:14,289
planet again reflecting the contemporary

643
00:31:11,650 --> 00:31:18,580
concerns of humanity a period of

644
00:31:14,289 --> 00:31:20,700
confusion followed and by 1987 we did

645
00:31:18,579 --> 00:31:24,009
not really know where we were going

646
00:31:20,700 --> 00:31:26,319
culture development fashion pop music

647
00:31:24,009 --> 00:31:28,660
and even the UFO phenomenon all fell

648
00:31:26,319 --> 00:31:31,139
into a sort of suspended animation as

649
00:31:28,660 --> 00:31:32,830
humanity pursued a relentless greed

650
00:31:31,140 --> 00:31:35,288
spacey movies

651
00:31:32,829 --> 00:31:37,869
also went through a lean time but the

652
00:31:35,288 --> 00:31:40,000
New Zealand film the quiet earth was

653
00:31:37,869 --> 00:31:42,398
among the better ones this does not

654
00:31:40,000 --> 00:31:45,308
exhibit aliens but rather deals with an

655
00:31:42,398 --> 00:31:47,709
unknown interference with nature

656

00:31:45,308 --> 00:31:50,139
the central character wakes up to find

657
00:31:47,710 --> 00:31:51,120
all other humans have vanished without

658
00:31:50,140 --> 00:31:53,080
trace

659
00:31:51,119 --> 00:31:56,319
Joker's said that it was made in

660
00:31:53,079 --> 00:31:59,139
Auckland on a Sunday the very few aliens

661
00:31:56,319 --> 00:32:01,928
that were reported in the 1980s we were

662
00:31:59,140 --> 00:32:04,919
too interested in ourselves tended to be

663
00:32:01,929 --> 00:32:07,090
small grotesque naked beings invoking

664
00:32:04,919 --> 00:32:10,330
sympathy rather than fear

665
00:32:07,089 --> 00:32:12,699
they had human type weaknesses which

666
00:32:10,329 --> 00:32:13,960
even allowed us to have condescending

667
00:32:12,700 --> 00:32:16,990
attitudes towards them

668
00:32:13,960 --> 00:32:17,980
recall that ETS spacecraft took off

669
00:32:16,990 --> 00:32:20,679
without him

670
00:32:17,980 --> 00:32:23,860

the aliens attitude was more sympathetic

671

00:32:20,679 --> 00:32:26,200

than superior towards us as shown by

672

00:32:23,859 --> 00:32:29,528

their messages typically addressing us

673

00:32:26,200 --> 00:32:32,019

at the individual level instead of as

674

00:32:29,528 --> 00:32:34,419

part of humanity one of the many

675

00:32:32,019 --> 00:32:39,220

bleeding obvious messages to us from the

676

00:32:34,419 --> 00:32:42,370

denizens of Thea Ober 1987 was don't

677

00:32:39,220 --> 00:32:44,558

trust politicians this appealed to

678

00:32:42,369 --> 00:32:47,229

individuals became more detailed in

679

00:32:44,558 --> 00:32:50,798

later years so that the aliens message

680

00:32:47,230 --> 00:32:54,190

of the car Hill sightings of 1993 had

681

00:32:50,798 --> 00:32:57,158

degenerated into look under the car a

682

00:32:54,190 --> 00:33:01,058

touching concern over loose mufflers

683

00:32:57,159 --> 00:33:04,299

alien spacecraft were also rarely seen

684

00:33:01,058 --> 00:33:06,609

in the 1980s with far better earthling

685
00:33:04,298 --> 00:33:09,819
technology everybody now had a camera

686
00:33:06,609 --> 00:33:12,250
and even less physical evidence for UFOs

687
00:33:09,819 --> 00:33:15,099
than usual abductees began to catch on

688
00:33:12,250 --> 00:33:17,980
stories that avoid the need for evidence

689
00:33:15,099 --> 00:33:20,259
and conspiracies began to be detected

690
00:33:17,980 --> 00:33:23,259
stories that are actually generated and

691
00:33:20,259 --> 00:33:26,019
supported by the lack of evidence the

692
00:33:23,259 --> 00:33:29,379
Roswell story reappeared in an obscure

693
00:33:26,019 --> 00:33:31,630
form as a conspiracy apologists were

694
00:33:29,380 --> 00:33:34,659
driven into saying that UFOs were a

695
00:33:31,630 --> 00:33:39,549
psychic phenomenon not a physical one

696
00:33:34,659 --> 00:33:41,820
and so to 1997 and what have we as the

697
00:33:39,548 --> 00:33:44,379
20th century draws to a close

698
00:33:41,819 --> 00:33:46,809
contemporary movies include men in black

699

00:33:44,380 --> 00:33:48,580
and Roswell the former

700

00:33:46,809 --> 00:33:50,710
an excellent example of the art of

701

00:33:48,579 --> 00:33:53,740
special effects that should be seen by

702

00:33:50,710 --> 00:33:56,259
anyone who thinks that the 1995 alien

703

00:33:53,740 --> 00:33:58,930
autopsy film might have been hard to

704

00:33:56,259 --> 00:34:00,910
make the central tenant of both films is

705

00:33:58,930 --> 00:34:04,000
that the public are being willfully

706

00:34:00,910 --> 00:34:06,460
deceived by the authorities anyone in a

707

00:34:04,000 --> 00:34:09,489
uniform is now a bad guy instead of a

708

00:34:06,460 --> 00:34:11,860
commanding authority and is still to be

709

00:34:09,489 --> 00:34:15,489
feared but in a different way

710

00:34:11,860 --> 00:34:17,950
very few alien crafts are now seen human

711

00:34:15,489 --> 00:34:21,158
technology and awareness is now so

712

00:34:17,949 --> 00:34:23,889
pervading inaccurate that we will no

713

00:34:21,159 --> 00:34:25,929
longer accept full story so readily a

714
00:34:23,889 --> 00:34:28,509
convincing advertisement for a mobile

715
00:34:25,929 --> 00:34:31,240
telephone shows us how frustrating it

716
00:34:28,510 --> 00:34:33,510
would be to observe a UFO and not have

717
00:34:31,239 --> 00:34:37,059
this particular product readily at hand

718
00:34:33,510 --> 00:34:39,520
nevertheless skillful UFO apologists

719
00:34:37,059 --> 00:34:42,309
have learned to exploit us

720
00:34:39,519 --> 00:34:44,530
Stanton Freeman and many others making a

721
00:34:42,309 --> 00:34:48,000
living by charging \$20 a seat for

722
00:34:44,530 --> 00:34:50,950
lectures of the same tired old material

723
00:34:48,000 --> 00:34:54,820
skillful handling of the media makes

724
00:34:50,949 --> 00:34:56,678
every Hall fill up there is a one 900

725
00:34:54,820 --> 00:34:59,980
number where you can report UFO

726
00:34:56,679 --> 00:35:03,250
sightings or listen to them but you pay

727
00:34:59,980 --> 00:35:06,369

heavily for the call alien technology is

728

00:35:03,250 --> 00:35:09,039

now taken to be far far ahead of

729

00:35:06,369 --> 00:35:10,949

anything we could comprehend but the

730

00:35:09,039 --> 00:35:14,469

aliens themselves have become just

731

00:35:10,949 --> 00:35:17,079

ordinary folk from a society remote but

732

00:35:14,469 --> 00:35:19,899

like our own they reflect humanity's

733

00:35:17,079 --> 00:35:23,019

passions and fears but now these have

734

00:35:19,900 --> 00:35:26,230

become unpleasant the aliens have lost

735

00:35:23,019 --> 00:35:28,150

interest in helping us advising us or in

736

00:35:26,230 --> 00:35:31,420

sharing their advanced technology with

737

00:35:28,150 --> 00:35:33,760

us they prefer instead to abduct us and

738

00:35:31,420 --> 00:35:36,369

investigate the naughty parts of our

739

00:35:33,760 --> 00:35:39,220

bodies despite all their wondrous

740

00:35:36,369 --> 00:35:42,130

technology they still mirror our own

741

00:35:39,219 --> 00:35:44,439

repressed obsessions after half a

742
00:35:42,130 --> 00:35:47,140
century it has come to this how we

743
00:35:44,440 --> 00:35:50,019
ignored the sage wisdom of those early

744
00:35:47,139 --> 00:35:53,500
aliens they commanded us they tried to

745
00:35:50,019 --> 00:35:55,409
advise us they warned us then they

746
00:35:53,500 --> 00:35:59,559
sympathized with us and now they are

747
00:35:55,409 --> 00:36:02,170
abusing us the age of innocence is over

748
00:35:59,559 --> 00:36:04,719
now aliens are exploiting us sexually

749
00:36:02,170 --> 00:36:08,829
while the UFO apologists exploit us

750
00:36:04,719 --> 00:36:12,188
commercially I wish those 1950s humanoid

751
00:36:08,829 --> 00:36:14,410
aliens would come back they and we would

752
00:36:12,188 --> 00:36:18,188
speak the same language wear the same

753
00:36:14,409 --> 00:36:23,188
clothes argue on equal terms maybe fire

754
00:36:18,188 --> 00:36:23,188
a few bullets and generally miss

755
00:36:26,489 --> 00:36:34,169
and that was UFOs the first 50 years by

756
00:36:29,880 --> 00:36:39,769
dr. Steve Roberts and not to Steve

757
00:36:34,170 --> 00:36:44,519
Roberts is still I think the prime UFO

758
00:36:39,769 --> 00:36:45,960
spokesperson for Australian skeptics and

759
00:36:44,519 --> 00:36:47,789
you can read that for yourself along

760
00:36:45,960 --> 00:36:49,949
with thousands of other articles and

761
00:36:47,789 --> 00:36:51,599
reports and interviews in those pages of

762
00:36:49,949 --> 00:36:54,559
the skeptic magazine the journal from

763
00:36:51,599 --> 00:36:59,300
Australian skeptics free to download at

764
00:36:54,559 --> 00:36:59,299
WWF Descamps au

765
00:37:02,610 --> 00:37:07,710
[Music]

766
00:37:06,769 --> 00:37:11,858
Wow

767
00:37:07,710 --> 00:37:14,389
[Music]

768
00:37:11,858 --> 00:37:16,309
Skeptical is Northern California's

769
00:37:14,389 --> 00:37:19,460
one-day conference for fans of

770

00:37:16,309 --> 00:37:21,769
scientific skepticism our tenth

771
00:37:19,460 --> 00:37:23,920
conference will have the usual science

772
00:37:21,769 --> 00:37:26,349
and critical thinking presentations

773
00:37:23,920 --> 00:37:28,849
exhibitors entertainment and

774
00:37:26,349 --> 00:37:32,659
opportunities for the local skeptical

775
00:37:28,849 --> 00:37:35,690
community to meet and converse talks

776
00:37:32,659 --> 00:37:38,659
include investigating paranormal claims

777
00:37:35,690 --> 00:37:42,590
the beliefs behind conspiracy theories

778
00:37:38,659 --> 00:37:46,059
misconduct in scientific papers and the

779
00:37:42,590 --> 00:37:48,920
incredible rise of Flat Earth belief

780
00:37:46,059 --> 00:37:52,429
register now for the June 9th skeptic

781
00:37:48,920 --> 00:37:55,240
Alcon 2019 at the Hyatt Regency San

782
00:37:52,429 --> 00:37:57,909
Francisco hotel just near the airport

783
00:37:55,239 --> 00:38:02,029
check the website for the speaker list

784
00:37:57,909 --> 00:38:05,579

location and other information skeptic

785

00:38:02,030 --> 00:38:12,990
al con-com

786

00:38:05,579 --> 00:38:14,400
I am here at King O'Malley's Irish pub

787

00:38:12,989 --> 00:38:16,049
in Canberra and I'm speaking with

788

00:38:14,400 --> 00:38:18,059
Kalinda Wilson Linda how're you going

789

00:38:16,050 --> 00:38:18,660
not too bad thanks how are you very well

790

00:38:18,059 --> 00:38:21,000
thank you

791

00:38:18,659 --> 00:38:22,759
no you just gave a fascinating talk on

792

00:38:21,000 --> 00:38:25,590
the reintroduction of native species

793

00:38:22,760 --> 00:38:28,620
into the a CT you tell us a little bit

794

00:38:25,590 --> 00:38:30,630
more about that yeah absolutely so my

795

00:38:28,619 --> 00:38:33,380
PhD project is all about

796

00:38:30,630 --> 00:38:36,210
how to reintroduce a species

797

00:38:33,380 --> 00:38:38,970
specifically a native kind of one that's

798

00:38:36,210 --> 00:38:41,490
been missing from the acct for about 18

799

00:38:38,969 --> 00:38:43,109

years and that is that Eastern qual now

800

00:38:41,489 --> 00:38:44,549

many people don't know what an Eastern

801

00:38:43,110 --> 00:38:47,579

call is it's Sam

802

00:38:44,550 --> 00:38:49,410

it's a little a little bit like a

803

00:38:47,579 --> 00:38:52,170

smaller version of a Tasmanian Devil

804

00:38:49,409 --> 00:38:55,529

essentially except instead of black and

805

00:38:52,170 --> 00:38:57,480

white it's it's got spots and yeah as a

806

00:38:55,530 --> 00:38:59,730

carnivore they do eat a lot of insects

807

00:38:57,480 --> 00:39:01,559

and small mammals and birds but they

808

00:38:59,730 --> 00:39:04,789

also scavenge as well much like the

809

00:39:01,559 --> 00:39:08,070

devil's so how do you go about

810

00:39:04,789 --> 00:39:10,230

reintroducing a species like that yeah

811

00:39:08,070 --> 00:39:12,300

it's um it's a difficult one and

812

00:39:10,230 --> 00:39:13,650

involves a lot of I guess really

813
00:39:12,300 --> 00:39:15,480
thinking about how you're going to

814
00:39:13,650 --> 00:39:18,599
approach it from a strategic point of

815
00:39:15,480 --> 00:39:23,039
view and having a strategy means having

816
00:39:18,599 --> 00:39:24,900
a plan and in order to achieve your your

817
00:39:23,039 --> 00:39:27,480
goals you want to have the right tactics

818
00:39:24,900 --> 00:39:30,930
so in the first year of the

819
00:39:27,480 --> 00:39:33,420
reintroduction back in 2016 we very

820
00:39:30,929 --> 00:39:35,099
quickly realized that well we were

821
00:39:33,420 --> 00:39:37,619
reintroducing them into a predator proof

822
00:39:35,099 --> 00:39:40,259
sanctuary however its predator proof for

823
00:39:37,619 --> 00:39:41,969
the outside not so much for little ones

824
00:39:40,260 --> 00:39:44,640
climbing over and going into the

825
00:39:41,969 --> 00:39:47,879
surrounding landscape so some of the

826
00:39:44,639 --> 00:39:50,730
calls and the duck yeah out and about in

827

00:39:47,880 --> 00:39:52,380
outside the sanctuary but what we

828
00:39:50,730 --> 00:39:56,010
realized is that the majority of those

829
00:39:52,380 --> 00:39:58,769
escapees were males so in that way we

830
00:39:56,010 --> 00:40:01,400
wanted to adapt our tactics so in the

831
00:39:58,769 --> 00:40:04,340
second year we brought in females only

832
00:40:01,400 --> 00:40:05,809
and not only that but they were burying

833
00:40:04,340 --> 00:40:08,750
pouch young at the time of

834
00:40:05,809 --> 00:40:10,789
transportation which is of course a

835
00:40:08,750 --> 00:40:12,710
little bit of a risk but something that

836
00:40:10,789 --> 00:40:14,420
we thought was really worth it because

837
00:40:12,710 --> 00:40:18,199
it would help them to anchor to the site

838
00:40:14,420 --> 00:40:20,690
and establish a natal den and yeah

839
00:40:18,199 --> 00:40:22,369
hopefully you just stay in Mulligan's

840
00:40:20,690 --> 00:40:24,710
flat and realize it's not such a bad

841
00:40:22,369 --> 00:40:26,719

place and something must have worked

842

00:40:24,710 --> 00:40:28,970

because we ended up with about 92%

843

00:40:26,719 --> 00:40:31,489

survival in the second year so better

844

00:40:28,969 --> 00:40:33,319

than you could ever hope tell us about

845

00:40:31,489 --> 00:40:36,879

what you had to do to track them down

846

00:40:33,320 --> 00:40:40,610

when they were in the habitation area oh

847

00:40:36,880 --> 00:40:43,099

my goodness spent many long hours out in

848

00:40:40,610 --> 00:40:47,840

the box gum grassy woodlands with radio

849

00:40:43,099 --> 00:40:49,969

tracking apparatus pinging away and just

850

00:40:47,840 --> 00:40:52,280

listening for where the signal was

851

00:40:49,969 --> 00:40:54,049

strongest and each qual had its own

852

00:40:52,280 --> 00:40:55,880

radio color so its own specific

853

00:40:54,050 --> 00:40:58,370

frequency so we could find each

854

00:40:55,880 --> 00:41:01,550

individual but yeah I managed to radio

855

00:40:58,369 --> 00:41:04,159

track one outside the sanctuary it had

856
00:41:01,550 --> 00:41:06,560
hid itself under a porch in the

857
00:41:04,159 --> 00:41:09,139
neighboring community so out the front

858
00:41:06,559 --> 00:41:11,090
of someone's house and put a few traps

859
00:41:09,139 --> 00:41:12,679
out and she walked right in so we were

860
00:41:11,090 --> 00:41:14,180
able to get her back and put it back in

861
00:41:12,679 --> 00:41:17,329
the sanctuary and that was that was

862
00:41:14,179 --> 00:41:21,710
really nice and one of the results being

863
00:41:17,329 --> 00:41:24,199
for the experiments with trial for the

864
00:41:21,710 --> 00:41:26,750
trial so yeah the first year we ended up

865
00:41:24,199 --> 00:41:29,960
with 50% survival the second year due to

866
00:41:26,750 --> 00:41:32,539
our adaptation of our tactics we had 92%

867
00:41:29,960 --> 00:41:35,240
and then in the third year similar

868
00:41:32,539 --> 00:41:37,070
levels again so we really kind of nailed

869
00:41:35,239 --> 00:41:40,609
those tactics and so we're starting to

870
00:41:37,070 --> 00:41:42,320
move out of the trial um kind of scheme

871
00:41:40,610 --> 00:41:44,539
of the reintroduction into the

872
00:41:42,320 --> 00:41:46,519
full-fledged part of the part of it and

873
00:41:44,539 --> 00:41:48,800
that's about bringing in the most

874
00:41:46,519 --> 00:41:51,769
genetically valuable animal

875
00:41:48,800 --> 00:41:54,440
as well so some of our animals from the

876
00:41:51,769 --> 00:41:56,179
first two years came from a our sister

877
00:41:54,440 --> 00:41:58,940
Sanctuary down in Melbourne called Mount

878
00:41:56,179 --> 00:42:00,829
Rothwell but nowadays we're bringing

879
00:41:58,940 --> 00:42:04,400
them straight from Tasmania so the wild

880
00:42:00,829 --> 00:42:06,380
populations that are have really unique

881
00:42:04,400 --> 00:42:10,519
genetics are not represented anywhere

882
00:42:06,380 --> 00:42:14,840
else and so what other plans do you have

883
00:42:10,519 --> 00:42:17,300
for this reinter reintroduction well

884

00:42:14,840 --> 00:42:19,280
we're getting towards the pointy end the

885
00:42:17,300 --> 00:42:21,410
last reintroduction will be happening in

886
00:42:19,280 --> 00:42:24,230
the next few months and after that it'll

887
00:42:21,409 --> 00:42:26,059
be hands off for the population I'll

888
00:42:24,230 --> 00:42:28,820
still be of course out there monitoring

889
00:42:26,059 --> 00:42:31,940
the mall going out at 2:00 a.m. in the

890
00:42:28,820 --> 00:42:33,320
morning to go check my traps and weigh

891
00:42:31,940 --> 00:42:35,750
them and make sure they pass young

892
00:42:33,320 --> 00:42:37,519
they're progressing well but yeah it'll

893
00:42:35,750 --> 00:42:40,099
be mostly about monitoring them from

894
00:42:37,519 --> 00:42:41,630
this stage and seeing how they go okay

895
00:42:40,099 --> 00:42:43,460
thank you very much that's that's

896
00:42:41,630 --> 00:42:45,269
excellent good luck thank you very much

897
00:42:43,460 --> 00:42:59,869
for having me

898
00:42:45,269 --> 00:42:59,869

[Music]

899

00:43:04,050 --> 00:43:10,030

kike olace less habla Paola the de l'air

900

00:43:08,469 --> 00:43:13,029

Moses with other Buenos Aires in

901

00:43:10,030 --> 00:43:14,769

Argentina when the couch ammos podcasts

902

00:43:13,030 --> 00:43:18,130

a couch ahmo's mimic a couch a todo el

903

00:43:14,769 --> 00:43:20,530

mundo como the skeptic zone ojala pueden

904

00:43:18,130 --> 00:43:22,660

venir a visit Ana's algun dia hace para

905

00:43:20,530 --> 00:43:30,040

makan Westra rikishi Mikami de-localized

906

00:43:22,659 --> 00:43:31,960

yeah podemos Yerevan tango mientras

907

00:43:30,039 --> 00:43:33,369

tanto sugandha fruit and OD pseudo see

908

00:43:31,960 --> 00:43:36,809

Simonelli ciencia de pensamiento

909

00:43:33,369 --> 00:43:36,809

rational ciao

910

00:43:39,420 --> 00:43:45,639

[Music]

911

00:43:46,338 --> 00:43:53,568

here's Maynard spooky action at a

912

00:43:51,298 --> 00:43:53,568

distance

913
00:43:54,460 --> 00:43:58,610
we're company you from the Madame frou

914
00:43:56,809 --> 00:44:00,259
frou cafe here in Cleveland with Maynard

915
00:43:58,610 --> 00:44:02,539
Maynard we've got a big movie night

916
00:44:00,260 --> 00:44:04,790
coming up next week for Sidney listeners

917
00:44:02,539 --> 00:44:06,710
that's right it's all evidence-based the

918
00:44:04,789 --> 00:44:09,230
entire movie I would say in fact I would

919
00:44:06,710 --> 00:44:11,990
say it's more of a documentary the 1968

920
00:44:09,230 --> 00:44:14,480
documentary Barbarella that stars Jane

921
00:44:11,989 --> 00:44:16,099
Fonda's kind of a hosts you can consider

922
00:44:14,480 --> 00:44:18,199
her a host as she takes us through the

923
00:44:16,099 --> 00:44:20,389
wonderful worlds that she's looking in

924
00:44:18,199 --> 00:44:22,250
search of the desperately named bad guy

925
00:44:20,389 --> 00:44:25,039
whose name I can't say because it would

926
00:44:22,250 --> 00:44:27,170
give away part of the plot it's right

927
00:44:25,039 --> 00:44:29,869
and how can people come along and enjoy

928
00:44:27,170 --> 00:44:33,650
this movie night which is on the wind

929
00:44:29,869 --> 00:44:36,170
which is on Tuesday to say the fall for

930
00:44:33,650 --> 00:44:37,400
yeah a Tuesday the fourth it's a red bar

931
00:44:36,170 --> 00:44:39,829
you can get your tickets of course by

932
00:44:37,400 --> 00:44:41,480
just going to Maynard comdata you

933
00:44:39,829 --> 00:44:42,949
there'll be a link there to Lance

934
00:44:41,480 --> 00:44:44,690
Leppard and myself presenting it see

935
00:44:42,949 --> 00:44:46,129
Lance brings the camp and I bring the

936
00:44:44,690 --> 00:44:48,019
trap basically that's the way the show

937
00:44:46,130 --> 00:44:49,369
goes and we'll be talking about the

938
00:44:48,019 --> 00:44:51,440
whole thing beforehand showing a couple

939
00:44:49,369 --> 00:44:53,690
of shorts and just enjoying yourself

940
00:44:51,440 --> 00:44:56,869
it's kind of like I'm watching movie in

941

00:44:53,690 --> 00:44:59,300
a bar and but you know but we say a few

942
00:44:56,869 --> 00:45:00,609
things during the movie and we kind of

943
00:44:59,300 --> 00:45:03,019
enjoy ourselves and it's basically

944
00:45:00,610 --> 00:45:05,150
there'll be some prizes to give away I

945
00:45:03,019 --> 00:45:07,159
think I'll be dressing as Captain Kirk

946
00:45:05,150 --> 00:45:08,539
because that's the best I can do I had a

947
00:45:07,159 --> 00:45:10,519
look at my costumes last night the most

948
00:45:08,539 --> 00:45:12,440
Barbarella I've got is my Captain Kirk

949
00:45:10,519 --> 00:45:14,329
Star Trek outfit which was made for me

950
00:45:12,440 --> 00:45:15,590
so it's not cheap one like the pajamas

951
00:45:14,329 --> 00:45:17,029
I'm wearing the good one

952
00:45:15,590 --> 00:45:19,190
so I'll be there as Captain Kirk Lantz

953
00:45:17,030 --> 00:45:20,870
apparently wants to bring the Barbarella

954
00:45:19,190 --> 00:45:23,179
he's gonna bring wear a black silk robe

955
00:45:20,869 --> 00:45:24,619

and black pajamas as well so I don't

956

00:45:23,179 --> 00:45:25,730

know what he thinks he's coming as but

957

00:45:24,619 --> 00:45:26,690

between the two of us we should be

958

00:45:25,730 --> 00:45:28,300

having a night there we've got

959

00:45:26,690 --> 00:45:31,550

Barbarella and I can now reveal that

960

00:45:28,300 --> 00:45:32,930

it's Barbarella this month and next

961

00:45:31,550 --> 00:45:33,920

month which will be the second of July

962

00:45:32,929 --> 00:45:36,409

we'll be having

963

00:45:33,920 --> 00:45:38,539

Flash Gordon that's right the 1980

964

00:45:36,409 --> 00:45:40,519

Queen's soundtrack spectacular Flash

965

00:45:38,539 --> 00:45:42,469

Gordon that's next month but this month

966

00:45:40,519 --> 00:45:43,940

Barbarella and then the month after that

967

00:45:42,469 --> 00:45:46,489

I don't know what we'll have but uh I'm

968

00:45:43,940 --> 00:45:48,800

thinking I was thinking maybe Breakfast

969

00:45:46,489 --> 00:45:51,379

at Tiffany's is on the cards maybe the

970
00:45:48,800 --> 00:45:52,760
princess Brides on the cards in fact I

971
00:45:51,380 --> 00:45:54,320
made a shortlist maybe can't stop the

972
00:45:52,760 --> 00:45:56,320
music is on there's a you know basically

973
00:45:54,320 --> 00:45:58,780
I'm gonna choose from Mike

974
00:45:56,320 --> 00:46:01,059
trap of crap I have at home to bring

975
00:45:58,780 --> 00:46:02,740
along but you know every movie we we we

976
00:46:01,059 --> 00:46:04,659
show is a classic in its own way it's

977
00:46:02,739 --> 00:46:06,250
over I'll see it Barbarella on Tuesday

978
00:46:04,659 --> 00:46:08,710
nights Sidney skeptical listeners and

979
00:46:06,250 --> 00:46:10,179
chip your skepticism at the door this

980
00:46:08,710 --> 00:46:12,010
will be a lot of non evidence-based

981
00:46:10,179 --> 00:46:13,089
action going on in that movie I think if

982
00:46:12,010 --> 00:46:15,400
there's a few things that are just plain

983
00:46:13,090 --> 00:46:17,470
wrong in the movie as well which is why

984
00:46:15,400 --> 00:46:19,269
we're showing it and when you do check

985
00:46:17,469 --> 00:46:21,399
your skepticism at the door you'll be

986
00:46:19,269 --> 00:46:23,139
checking it with me because I should be

987
00:46:21,400 --> 00:46:25,720
at the door to greet you when you are

988
00:46:23,139 --> 00:46:28,210
there anyway check it out may not calm

989
00:46:25,719 --> 00:46:30,189
donae you and on the night Richard will

990
00:46:28,210 --> 00:46:32,699
be playing the part of pygar which will

991
00:46:30,190 --> 00:46:32,700
be fairly interesting

992
00:46:53,289 --> 00:46:58,338
thank you for listening to the skeptic

993
00:46:55,760 --> 00:47:00,560
zone and for those people listening in

994
00:46:58,338 --> 00:47:04,599
Sydney maybe I'll see you on Tuesday

995
00:47:00,559 --> 00:47:06,679
night at me nerds movie night in glebe

996
00:47:04,599 --> 00:47:10,460
also this week in Sydney we have

997
00:47:06,679 --> 00:47:13,009
skeptics in the pub on Thursday night at

998

00:47:10,460 --> 00:47:15,108
the Occidental hotel just near winded

999
00:47:13,010 --> 00:47:16,820
train station for more information I'll

1000
00:47:15,108 --> 00:47:19,489
put a link in this week's show notes or

1001
00:47:16,820 --> 00:47:21,289
you can just google Sydney skeptics in

1002
00:47:19,489 --> 00:47:23,479
the pub and thank you to those new

1003
00:47:21,289 --> 00:47:25,820
people have recently joined patreon to

1004
00:47:23,480 --> 00:47:28,760
help support the show some people are

1005
00:47:25,820 --> 00:47:30,859
chipping in \$5.00 a month and that is

1006
00:47:28,760 --> 00:47:33,109
much appreciated and it means I can keep

1007
00:47:30,858 --> 00:47:36,199
doing the show I can buy equipment I can

1008
00:47:33,108 --> 00:47:39,650
pay for expenses and things like that

1009
00:47:36,199 --> 00:47:42,529
and it just means that everybody

1010
00:47:39,650 --> 00:47:43,369
hopefully can enjoy the skeptic zone but

1011
00:47:42,530 --> 00:47:45,080
for this week

1012
00:47:43,369 --> 00:47:51,769

this is Richard Saunders signing off

1013

00:47:45,079 --> 00:47:53,809
from Sydney Australia you've been

1014

00:47:51,769 --> 00:48:00,739
listening to the skeptic zone podcast

1015

00:47:53,809 --> 00:48:03,199
please visit our website at wwlp.com tax

1016

00:48:00,739 --> 00:48:07,250
and to access the bat catalog of

1017

00:48:03,199 --> 00:48:08,960
episodes going back to 2008 you can

1018

00:48:07,250 --> 00:48:12,019
follow the skeptic zone podcast on

1019

00:48:08,960 --> 00:48:14,300
twitter at skeptic zone visit our

1020

00:48:12,019 --> 00:48:17,690
facebook page or leave a review on

1021

00:48:14,300 --> 00:48:21,050
itunes you can also support the skeptic

1022

00:48:17,690 --> 00:48:23,420
zone via patreon or PayPal the skeptic

1023

00:48:21,050 --> 00:48:25,339
zone podcast is an independent

1024

00:48:23,420 --> 00:48:27,559
production reviews and opinions

1025

00:48:25,338 --> 00:48:29,690
expressed on the skeptic zone are not

1026

00:48:27,559 --> 00:48:34,480
necessarily those of Australian skeptics

1027

00:48:29,690 --> 00:48:34,480

or any other sceptical organisation

1028

00:48:35,449 --> 00:48:37,509

you