

1
00:00:00,290 --> 00:00:12,000
this is not a crater on the moon this is

2
00:00:07,859 --> 00:00:14,820
an IFO identified flying object a man

3
00:00:12,000 --> 00:00:18,410
not Superman jetting in a Bell

4
00:00:14,820 --> 00:00:18,410
AeroSystems rocket belt

5
00:00:23,329 --> 00:00:32,310
this is a UFO unidentified flying object

6
00:00:28,339 --> 00:00:33,990
popularly called a flying saucer two

7
00:00:32,310 --> 00:00:37,730
responsible scientists and photo

8
00:00:33,990 --> 00:00:45,170
analysts they are particular clouds

9
00:00:37,729 --> 00:00:47,419
sundogs planets balloons or mirages

10
00:00:45,170 --> 00:00:50,270
first of all the objects are not

11
00:00:47,420 --> 00:00:53,429
unidentified we know what they are

12
00:00:50,270 --> 00:00:56,640
second in many cases in most cases are

13
00:00:53,429 --> 00:00:59,780
not flying and finally in many cases

14
00:00:56,640 --> 00:01:02,730
they are not even material objects a

15
00:00:59,780 --> 00:01:05,609
real flying saucer looks like this an

16
00:01:02,729 --> 00:01:10,500
avro car manufactured in Canada being

17
00:01:05,609 --> 00:01:12,689
test flown in 1961 or like this free fly

18
00:01:10,500 --> 00:01:14,840
an air-cushion vehicle being flown by

19
00:01:12,689 --> 00:01:20,879
its inventor professor Paul Moller in

20
00:01:14,840 --> 00:01:22,859
1965 but UFO sightings persist and

21
00:01:20,879 --> 00:01:25,920
skeptics often become confirmed

22
00:01:22,859 --> 00:01:27,510
believers I've slowly come conclusion

23
00:01:25,920 --> 00:01:30,240
that there are such things as

24
00:01:27,510 --> 00:01:31,560
interplanetary spaceships I have to

25
00:01:30,239 --> 00:01:34,890
stick my neck out and say that because I

26
00:01:31,560 --> 00:01:37,439
believe it if long-lost psychiatrists

27
00:01:34,890 --> 00:01:40,769
often call these reported UFO sightings

28
00:01:37,439 --> 00:01:43,200
illusions hallucinations soft delusions

29

00:01:40,769 --> 00:01:44,939
I'm not saying that there aren't things

30
00:01:43,200 --> 00:01:48,329
in the sky that we don't know about it

31
00:01:44,939 --> 00:01:49,969
what I am saying is that when there's

32
00:01:48,329 --> 00:01:54,780
anything that one doesn't know about

33
00:01:49,969 --> 00:01:58,950
then the mind fills it with a great mass

34
00:01:54,780 --> 00:02:01,799
of fantasy and most of what we are

35
00:01:58,950 --> 00:02:06,030
dealing with in these reports is almost

36
00:02:01,799 --> 00:02:08,909
certainly fantasy fact or fiction myths

37
00:02:06,030 --> 00:02:10,159
nanus or marsh gas this is an age when

38
00:02:08,909 --> 00:02:11,939
scientific and technological

39
00:02:10,159 --> 00:02:15,859
developments are rapidly making

40
00:02:11,939 --> 00:02:15,859
yesterday's fiction fact

41
00:02:17,710 --> 00:02:23,800
how much do we know and how we know what

42
00:02:21,009 --> 00:02:26,250
we know is what tonight CBS reports is

43
00:02:23,800 --> 00:02:26,250

all about

44

00:02:33,629 --> 00:02:41,919

CBS reports UFO friend foe or fantasy

45

00:02:39,719 --> 00:02:44,949

reported by CBS News correspondent

46

00:02:41,919 --> 00:02:47,439

Walter Cronkite good evening

47

00:02:44,949 --> 00:02:49,599

reports of flying saucers are nothing

48

00:02:47,439 --> 00:02:52,120

new from the beginning of recorded time

49

00:02:49,599 --> 00:02:53,319

men have been seen unexplainable things

50

00:02:52,120 --> 00:02:55,420

in the sky

51

00:02:53,319 --> 00:02:58,090

and there's no reason to doubt they saw

52

00:02:55,419 --> 00:03:01,119

something the question is was what they

53

00:02:58,090 --> 00:03:03,729

saw lelee there and what was it they

54

00:03:01,120 --> 00:03:07,420

really saw the great flying saucer

55

00:03:03,729 --> 00:03:09,789

mystery of 1966 began here near Dexter

56

00:03:07,419 --> 00:03:11,559

Michigan late in March before the month

57

00:03:09,789 --> 00:03:13,469

was out flying saucers were being

58
00:03:11,560 --> 00:03:16,360
reported from New Jersey to California

59
00:03:13,469 --> 00:03:19,479
from Colorado to Long Island from Ohio

60
00:03:16,360 --> 00:03:21,790
to Georgia invariably the first reports

61
00:03:19,479 --> 00:03:24,369
were brought in by quiet and sober

62
00:03:21,789 --> 00:03:27,609
citizens like Frank mannor father of ten

63
00:03:24,370 --> 00:03:30,360
children a country man a hunting man a

64
00:03:27,610 --> 00:03:33,490
man used to wooded swamp lands by night

65
00:03:30,360 --> 00:03:36,850
well the first beginning we were

66
00:03:33,490 --> 00:03:38,620
watching television and we have six dogs

67
00:03:36,849 --> 00:03:41,049
here and they started raising the fuss

68
00:03:38,620 --> 00:03:43,840
in which they never do much so I went

69
00:03:41,050 --> 00:03:45,370
outside and give a yell at him and was I

70
00:03:43,840 --> 00:03:49,479
turned around to come back on the porch

71
00:03:45,370 --> 00:03:53,439
I looked to the north of me and there

72
00:03:49,479 --> 00:03:57,250
were looked like our fallen star Peter

73
00:03:53,439 --> 00:04:01,900
it was red kind of coming down on a 4045

74
00:03:57,250 --> 00:04:03,789
and so then I watched it and I was gonna

75
00:04:01,900 --> 00:04:06,069
see if it landed and maybe go down and

76
00:04:03,789 --> 00:04:09,039
see what it was and when it got to the

77
00:04:06,069 --> 00:04:12,159
top of the trees it stopped in a blue

78
00:04:09,039 --> 00:04:14,319
and a white light come on it and I

79
00:04:12,159 --> 00:04:14,979
looked at it and I thought I was seeing

80
00:04:14,319 --> 00:04:17,620
things

81
00:04:14,979 --> 00:04:20,349
Frank manners UFO remained over his

82
00:04:17,620 --> 00:04:23,079
swamp more than four hours his children

83
00:04:20,350 --> 00:04:26,740
saw it is in-laws saw it residents of

84
00:04:23,079 --> 00:04:28,750
the area saw it the police saw it no one

85
00:04:26,740 --> 00:04:30,160
photographed it but sergeant Newell

86

00:04:28,750 --> 00:04:31,899
Snyder of the Sheriff's Office

87
00:04:30,160 --> 00:04:33,490
remembered it well enough to draw it

88
00:04:31,899 --> 00:04:36,879
no it

89
00:04:33,490 --> 00:04:38,889
move very rapidly at any speed or rather

90
00:04:36,879 --> 00:04:40,509
any direction it wanted to go why I

91
00:04:38,889 --> 00:04:43,538
could change and go to the right or the

92
00:04:40,509 --> 00:04:46,538
left or go crossways without hesitating

93
00:04:43,538 --> 00:04:48,219
event what do you think it was well if

94
00:04:46,538 --> 00:04:51,728
they call it a flying saucer that's what

95
00:04:48,220 --> 00:04:54,849
it is forty miles away another swampland

96
00:04:51,728 --> 00:04:56,740
and another UFO sighting this is

97
00:04:54,848 --> 00:04:59,409
Hillsdale and the girls at Hillsdale

98
00:04:56,740 --> 00:05:01,060
College had a night to remember

99
00:04:59,410 --> 00:05:02,979
well when I was looking out the window

100
00:05:01,060 --> 00:05:07,089

which is binoculars I guess it was about

101

00:05:02,978 --> 00:05:09,098

12:00 I saw it and I saw two red lights

102

00:05:07,089 --> 00:05:10,929

and I saw what looked to be shaped like

103

00:05:09,098 --> 00:05:12,550

a pie I could to see the front of it I

104

00:05:10,930 --> 00:05:14,769

just saw the ground front and I could

105

00:05:12,550 --> 00:05:16,689

see the lights on either side and then

106

00:05:14,769 --> 00:05:18,389

the red light was sort of packing a glow

107

00:05:16,689 --> 00:05:21,399

over the whole thing so it looked like

108

00:05:18,389 --> 00:05:23,310

around this first one I drew the other

109

00:05:21,399 --> 00:05:25,810

girls talk about it I didn't really I

110

00:05:23,310 --> 00:05:28,089

believed them yet I couldn't really make

111

00:05:25,810 --> 00:05:30,459

myself comprehend it because I hadn't

112

00:05:28,089 --> 00:05:34,060

seen it with my own eyes then when I saw

113

00:05:30,459 --> 00:05:37,839

it I just was fascinated I wasn't afraid

114

00:05:34,060 --> 00:05:39,819

I I just wanted to stay there and keep

115
00:05:37,839 --> 00:05:44,019
my eyes glued to it I couldn't leave I

116
00:05:39,819 --> 00:05:47,228
know I started but and I I mean I know

117
00:05:44,019 --> 00:05:49,418
myself I thought but I don't I believe I

118
00:05:47,228 --> 00:05:52,269
thought but I can't fathom it because it

119
00:05:49,418 --> 00:05:53,859
seems so unreal William Van Horne hills

120
00:05:52,269 --> 00:05:56,740
dales Undertaker and civil defense

121
00:05:53,860 --> 00:05:58,509
director also spotted the UFO and was

122
00:05:56,740 --> 00:06:00,879
out with his Geiger counter next day

123
00:05:58,509 --> 00:06:04,180
checking a mysterious Perfect Circle

124
00:06:00,879 --> 00:06:06,939
where the UFO had been seen Ben Horne

125
00:06:04,180 --> 00:06:08,650
did not find any radioactivity here but

126
00:06:06,939 --> 00:06:10,538
this did not shake his certainty that he

127
00:06:08,649 --> 00:06:13,448
had seen a hovering vehicle with two

128
00:06:10,538 --> 00:06:15,430
lights many people asked him why he did

129
00:06:13,449 --> 00:06:18,490
not go right up to the UFO in the dark

130
00:06:15,430 --> 00:06:21,370
I'd much rather be a live coward than a

131
00:06:18,490 --> 00:06:24,250
dead hero and with the area of

132
00:06:21,370 --> 00:06:27,879
uncertainty that we have here how do I

133
00:06:24,250 --> 00:06:31,180
know but what maybe maybe there's a

134
00:06:27,879 --> 00:06:33,158
current a little electrical charge which

135
00:06:31,180 --> 00:06:36,459
is being radiated by one of these

136
00:06:33,158 --> 00:06:38,139
vehicles which would electrocute you if

137
00:06:36,459 --> 00:06:40,689
you got within a certain area of it

138
00:06:38,139 --> 00:06:44,379
there was no sound whatsoever I could

139
00:06:40,689 --> 00:06:46,329
not hear a bit of sound the Air Force

140
00:06:44,379 --> 00:06:46,800
said it's chief scientific consultant on

141
00:06:46,329 --> 00:06:49,378
UF

142
00:06:46,800 --> 00:06:52,319
professor J Allen Hynek to check the

143

00:06:49,379 --> 00:06:54,419
Michigan sightings dr. Hynek agreed that

144
00:06:52,319 --> 00:06:56,908
the good citizens of Michigan had seen

145
00:06:54,418 --> 00:06:59,818
something in the marsh I honestly he

146
00:06:56,908 --> 00:07:04,019
thought they had seen Marsh gas I've had

147
00:06:59,819 --> 00:07:06,569
many many letters pointing out that they

148
00:07:04,019 --> 00:07:08,758
as children on the farm had had many

149
00:07:06,569 --> 00:07:10,229
experiences with swamp lights and that

150
00:07:08,759 --> 00:07:11,400
this was obviously the thing that was

151
00:07:10,228 --> 00:07:13,199
and they couldn't understand why the

152
00:07:11,399 --> 00:07:15,269
people in Michigan got so excited over

153
00:07:13,199 --> 00:07:17,759
swamp lands and the illusion of motion

154
00:07:15,269 --> 00:07:20,728
frequently is given by the fact that a

155
00:07:17,759 --> 00:07:22,379
little bit of swap light appears here it

156
00:07:20,728 --> 00:07:24,870
goes out another one appears over here

157
00:07:22,379 --> 00:07:26,729

that goes out there and put the illusion

158

00:07:24,870 --> 00:07:28,408

as a view from a distance is that the

159

00:07:26,728 --> 00:07:31,468

objects have moved back and forth and

160

00:07:28,408 --> 00:07:34,168

sometimes as guests will gather into a

161

00:07:31,468 --> 00:07:36,779

ball and actually float away in

162

00:07:34,168 --> 00:07:38,939

Washington a private unofficial group

163

00:07:36,779 --> 00:07:40,769

known as nightcap national

164

00:07:38,939 --> 00:07:42,689

investigations Committee on aerial

165

00:07:40,769 --> 00:07:44,968

phenomena called a news conference

166

00:07:42,689 --> 00:07:46,918

dismissed the swamp gas theory and

167

00:07:44,968 --> 00:07:50,038

reopened an old argument with the Air

168

00:07:46,918 --> 00:07:52,399

Force nightcaps director major Donald E

169

00:07:50,038 --> 00:07:54,658

Kehoe a retired Marine Corps officer

170

00:07:52,399 --> 00:07:57,388

insisted that the Air Force knew more

171

00:07:54,658 --> 00:08:02,519

than it was telling we are being

172
00:07:57,389 --> 00:08:05,939
observed by some type of device which is

173
00:08:02,519 --> 00:08:08,879
ahead of us far ahead of us and is

174
00:08:05,939 --> 00:08:11,490
probably controlled by a highly advanced

175
00:08:08,879 --> 00:08:14,129
superior civilization now this is a

176
00:08:11,490 --> 00:08:16,620
conclusion which I personally have

177
00:08:14,129 --> 00:08:18,959
stated and is shared by some members of

178
00:08:16,620 --> 00:08:22,860
our Board of Governors and advisers not

179
00:08:18,959 --> 00:08:25,109
all of them but it has reached to the

180
00:08:22,860 --> 00:08:27,750
point where many people in the Air Force

181
00:08:25,110 --> 00:08:29,189
have the same conclusion in fact the air

182
00:08:27,750 --> 00:08:30,658
force at one time had a top-secret

183
00:08:29,189 --> 00:08:33,479
estimate that these things were

184
00:08:30,658 --> 00:08:36,750
interplanetary spaceships so you will

185
00:08:33,479 --> 00:08:40,440
see that this instead of being a subject

186
00:08:36,750 --> 00:08:42,809
for ridicule and a big joke actually is

187
00:08:40,440 --> 00:08:45,690
a serious matter which could affect the

188
00:08:42,809 --> 00:08:48,088
lives of all of us and for the umpteenth

189
00:08:45,690 --> 00:08:49,769
time in as many years the Air Force

190
00:08:48,089 --> 00:08:52,470
called before a congressional committee

191
00:08:49,769 --> 00:08:55,709
said it was hiding nothing Air Force

192
00:08:52,470 --> 00:08:56,230
secretary Harold Brown we have not been

193
00:08:55,708 --> 00:08:58,750
hiding

194
00:08:56,230 --> 00:09:02,560
anything the investigations have been

195
00:08:58,750 --> 00:09:04,870
made public the explanations of those

196
00:09:02,559 --> 00:09:06,369
where there is a clear explanation have

197
00:09:04,870 --> 00:09:08,070
been made public the hearing this

198
00:09:06,370 --> 00:09:11,560
morning was public for just that reason

199
00:09:08,070 --> 00:09:14,410
in those cases where for lack of data

200

00:09:11,559 --> 00:09:18,189
for a lack of a convincing hypothesis

201
00:09:14,409 --> 00:09:20,500
the sighting has been kept in the

202
00:09:18,190 --> 00:09:23,140
unidentified category we've been

203
00:09:20,500 --> 00:09:25,149
perfectly willing to say that - but if

204
00:09:23,139 --> 00:09:27,279
the air force had nothing to hide

205
00:09:25,149 --> 00:09:29,350
Frank mannor Knight the Michigan farmer

206
00:09:27,279 --> 00:09:30,490
would brought in the first before was

207
00:09:29,350 --> 00:09:32,950
caught in the middle

208
00:09:30,490 --> 00:09:35,200
he was my head well you're gonna fit

209
00:09:32,950 --> 00:09:37,450
here look beer bottle strong look at my

210
00:09:35,200 --> 00:09:38,500
windshield what would you think if some

211
00:09:37,450 --> 00:09:39,790
of your stolen beer bottles at your

212
00:09:38,500 --> 00:09:43,509
house stand out in the middle of road

213
00:09:39,789 --> 00:09:45,370
screaming you not different antique and

214
00:09:43,509 --> 00:09:47,019

all that load you think are you sorry

215

00:09:45,370 --> 00:09:50,379

now that you did tell people what you

216

00:09:47,019 --> 00:09:52,299

saw yes I am I'm sorry because it not

217

00:09:50,379 --> 00:09:53,529

that it's not the truth but it's just

218

00:09:52,299 --> 00:09:57,129

the idea that the reaction of the people

219

00:09:53,529 --> 00:09:58,449

they think you're a nut tell you the

220

00:09:57,129 --> 00:10:00,340

truth that's just what they figure you

221

00:09:58,450 --> 00:10:01,780

are and I'm not gonna fake it the more I

222

00:10:00,340 --> 00:10:05,200

don't want nobody down in here I just

223

00:10:01,779 --> 00:10:06,789

leave me alone and if the thing lands

224

00:10:05,200 --> 00:10:09,100

right there and right there by that pump

225

00:10:06,789 --> 00:10:10,769

I didn't ever say a word and he got out

226

00:10:09,100 --> 00:10:13,029

and talked to me I wouldn't tell nobody

227

00:10:10,769 --> 00:10:16,419

that's just a way I feel I'm bitter and

228

00:10:13,029 --> 00:10:18,699

disgusted you know old man and if

229
00:10:16,419 --> 00:10:20,019
people's gonna act like that I hope one

230
00:10:18,700 --> 00:10:23,379
lands right in an IRA but right in the

231
00:10:20,019 --> 00:10:25,419
middle or Detroit if flying saucers had

232
00:10:23,379 --> 00:10:27,639
become a painfully close subject to

233
00:10:25,419 --> 00:10:29,799
Frank manner they nevertheless remained

234
00:10:27,639 --> 00:10:32,350
an intriguing open subject to millions

235
00:10:29,799 --> 00:10:34,569
of his countrymen UFOs have been

236
00:10:32,350 --> 00:10:37,269
popularized here and abroad for almost

237
00:10:34,570 --> 00:10:39,340
20 years ever since a pilot named

238
00:10:37,269 --> 00:10:41,110
Kenneth Arnold reported seeing some

239
00:10:39,340 --> 00:10:43,030
discs and said they looked to him the

240
00:10:41,110 --> 00:10:45,940
way saucers would a few skimmed them

241
00:10:43,029 --> 00:10:48,879
across water as for the latest rash of

242
00:10:45,940 --> 00:10:50,650
UFO reports a pioneer in rocketry and an

243
00:10:48,879 --> 00:10:54,009
early popularizer of interplanetary

244
00:10:50,649 --> 00:10:57,069
space travel dr. Willie lay thought he

245
00:10:54,009 --> 00:10:59,799
detected a reason what it is very

246
00:10:57,070 --> 00:11:03,850
typical that it's a rash because if you

247
00:10:59,799 --> 00:11:07,199
get one report you get a clutch of other

248
00:11:03,850 --> 00:11:10,080
reports following it it feeds on itself

249
00:11:07,200 --> 00:11:12,840
and the main problem there is that the

250
00:11:10,080 --> 00:11:18,270
term flying saucer ought to go official

251
00:11:12,840 --> 00:11:20,700
about it UFO has produced a label in the

252
00:11:18,269 --> 00:11:22,740
past if somebody saw us leak of light in

253
00:11:20,700 --> 00:11:24,960
this time what she couldn't understand

254
00:11:22,740 --> 00:11:27,180
that which didn't interest him very much

255
00:11:24,960 --> 00:11:29,040
when he might have told his wife that he

256
00:11:27,179 --> 00:11:31,799
saw a streak of light most likely he

257

00:11:29,039 --> 00:11:34,500
didn't but now that he has a label to

258
00:11:31,799 --> 00:11:36,750
put to it he comes home and tells his

259
00:11:34,500 --> 00:11:39,029
wife his children his neighbors the

260
00:11:36,750 --> 00:11:42,090
policeman on duty and a few other people

261
00:11:39,029 --> 00:11:44,399
that he saw a flying saucer in the days

262
00:11:42,090 --> 00:11:47,670
to come many more people will cite many

263
00:11:44,399 --> 00:11:50,189
more flying saucers some these UFOs will

264
00:11:47,669 --> 00:11:53,250
be miracles to others real but

265
00:11:50,190 --> 00:11:55,440
unexplainable to most scientists natural

266
00:11:53,250 --> 00:11:58,200
phenomenon some people will be fooled

267
00:11:55,440 --> 00:12:00,690
others will try to fool the rest but a

268
00:11:58,200 --> 00:12:02,490
few will be expert observers and their

269
00:12:00,690 --> 00:12:04,080
sightings will keep the controversy

270
00:12:02,490 --> 00:12:06,090
churning over weather vehicles from

271
00:12:04,080 --> 00:12:08,220

outer space are possible and whether

272

00:12:06,090 --> 00:12:10,620

indeed these vehicles already have

273

00:12:08,220 --> 00:12:20,460

arrived here we turn to that part of the

274

00:12:10,620 --> 00:12:22,769

UFO story in a moment here is a ritual

275

00:12:20,460 --> 00:12:25,290

that goes on night after night before

276

00:12:22,769 --> 00:12:28,620

each new term in high schools all over

277

00:12:25,289 --> 00:12:30,509

the land this is scheduling the fitting

278

00:12:28,620 --> 00:12:33,210

of courses to the needs of each student

279

00:12:30,509 --> 00:12:35,279

and the needs of each student to the new

280

00:12:33,210 --> 00:12:37,530

terms classes these teachers and

281

00:12:35,279 --> 00:12:40,500

counselors are searching by trial and

282

00:12:37,529 --> 00:12:42,990

error for a schedule that works trying

283

00:12:40,500 --> 00:12:45,830

out students and classes in combination

284

00:12:42,990 --> 00:12:45,830

after combination

285

00:12:48,200 --> 00:12:53,370

night after night right up to the

286
00:12:51,120 --> 00:12:56,460
opening of school but in this high

287
00:12:53,370 --> 00:12:58,590
school where 2,000 students have their

288
00:12:56,460 --> 00:13:02,220
choice of more than a hundred classes

289
00:12:58,590 --> 00:13:04,320
this IBM computer tries out millions of

290
00:13:02,220 --> 00:13:07,410
combinations of students and classes and

291
00:13:04,320 --> 00:13:10,470
arrives at the optimum schedule in one

292
00:13:07,409 --> 00:13:13,709
afternoon the process starts in a

293
00:13:10,470 --> 00:13:15,269
student counselor's office sure if

294
00:13:13,710 --> 00:13:17,370
you're planning on a scientific career

295
00:13:15,269 --> 00:13:20,189
such as medicine that may be physiology

296
00:13:17,370 --> 00:13:22,830
or biology the counselor analyzes where

297
00:13:20,190 --> 00:13:24,900
each students abilities lie and where he

298
00:13:22,830 --> 00:13:27,240
needs direction the counselor then

299
00:13:24,899 --> 00:13:29,639
simply marks the ideal courses for the

300
00:13:27,240 --> 00:13:32,299
student and one of these lists these

301
00:13:29,639 --> 00:13:35,009
course requests go into the IBM computer

302
00:13:32,299 --> 00:13:37,409
already stored in its disk memory are

303
00:13:35,009 --> 00:13:39,450
related facts about each course when

304
00:13:37,409 --> 00:13:42,659
it's given how much space in the class

305
00:13:39,450 --> 00:13:45,990
and here's the result the most workable

306
00:13:42,659 --> 00:13:49,100
schedule for every student coming up as

307
00:13:45,990 --> 00:13:52,110
a roster of each class for each teacher

308
00:13:49,100 --> 00:13:58,860
that's one of the jobs the computer does

309
00:13:52,110 --> 00:14:01,950
for the teacher 10 minutes later the

310
00:13:58,860 --> 00:14:03,870
computer also scores tests and supplies

311
00:14:01,950 --> 00:14:06,900
more information from them not only

312
00:14:03,870 --> 00:14:09,060
grades but where each student stands in

313
00:14:06,899 --> 00:14:12,889
a class where the class stands in the

314

00:14:09,059 --> 00:14:12,889
state and the state in the nation

315
00:14:18,208 --> 00:14:23,789
this computer information gives teachers

316
00:14:21,159 --> 00:14:27,219
a better idea where more work is needed

317
00:14:23,789 --> 00:14:30,599
the computer also stores grades from the

318
00:14:27,220 --> 00:14:33,430
teacher plus comments on each student

319
00:14:30,600 --> 00:14:38,110
all this information is processed and

320
00:14:33,429 --> 00:14:40,989
served back as reports for parents and

321
00:14:38,110 --> 00:14:43,379
as a complete record for counselors on

322
00:14:40,990 --> 00:14:48,519
which to base more accurate guidance

323
00:14:43,379 --> 00:14:51,370
wizard for use percentile score the IBM

324
00:14:48,519 --> 00:14:53,649
secondary school computer system giving

325
00:14:51,370 --> 00:14:57,310
our teachers a better opportunity to

326
00:14:53,649 --> 00:14:59,578
know and help each and every individual

327
00:14:57,309 --> 00:14:59,578
student

328
00:15:14,769 --> 00:15:20,870

here again as CBS News correspondent

329

00:15:17,289 --> 00:15:22,339

Walter Cronkite there are more things in

330

00:15:20,870 --> 00:15:24,139

heaven and earth says Shakespeare's

331

00:15:22,340 --> 00:15:26,600

Hamlet then are dreamt of in your

332

00:15:24,139 --> 00:15:28,429

philosophy on the other hand there may

333

00:15:26,600 --> 00:15:31,159

be less there than often reached the eye

334

00:15:28,429 --> 00:15:33,739

the oceanographer a meteorologist Apple

335

00:15:31,159 --> 00:15:36,169

stands field house in the very early

336

00:15:33,740 --> 00:15:39,379

times people didn't understand the

337

00:15:36,169 --> 00:15:42,969

majestic kind of catastrophes of nature

338

00:15:39,379 --> 00:15:45,769

if a volcano blew its head and and

339

00:15:42,970 --> 00:15:49,070

destroyed a village primitive people

340

00:15:45,769 --> 00:15:52,490

used to think of it as some enlarged

341

00:15:49,070 --> 00:15:54,590

monster some enlargement of a thing that

342

00:15:52,490 --> 00:15:57,259

was familiar to them like a wild animal

343
00:15:54,590 --> 00:16:01,070
or something in other words they

344
00:15:57,259 --> 00:16:04,100
interpreted the this understandable

345
00:16:01,070 --> 00:16:07,700
rather fearsome thing in terms of their

346
00:16:04,100 --> 00:16:10,190
present knowledge primitive it was and

347
00:16:07,700 --> 00:16:13,060
there you get into medieval times with a

348
00:16:10,190 --> 00:16:16,100
sort of resurgence of mysticism and

349
00:16:13,059 --> 00:16:18,529
religious fervour and I suppose if

350
00:16:16,100 --> 00:16:22,509
people saw unexplained things in the sky

351
00:16:18,529 --> 00:16:26,809
in those days explain them as miracles

352
00:16:22,509 --> 00:16:29,409
well then you get to today and we're on

353
00:16:26,809 --> 00:16:33,049
the brink of interplanetary travel and

354
00:16:29,409 --> 00:16:35,449
so we begin to see things in the sky

355
00:16:33,049 --> 00:16:38,059
again that we can't understand or can't

356
00:16:35,450 --> 00:16:42,320
explain immediately so we explain them

357
00:16:38,059 --> 00:16:46,639
again with this sort of colossal egotism

358
00:16:42,320 --> 00:16:48,890
of the of man at his present time we

359
00:16:46,639 --> 00:16:51,110
explain them in terms of our latest

360
00:16:48,889 --> 00:16:54,819
ability namely on the brink of space

361
00:16:51,110 --> 00:16:54,820
travel these must be spaceships

362
00:16:55,159 --> 00:17:00,799
but then only a few years ago this would

363
00:16:57,708 --> 00:17:03,469
have been called an optical illusion or

364
00:17:00,799 --> 00:17:05,088
it might have been called a miracle but

365
00:17:03,470 --> 00:17:07,669
a man being powered through the air

366
00:17:05,088 --> 00:17:11,269
without benefit of plane or balloon is

367
00:17:07,669 --> 00:17:17,059
today a reality tomorrow he may even be

368
00:17:11,269 --> 00:17:19,578
a traffic problem there are jets that

369
00:17:17,058 --> 00:17:24,740
can rise straight up and then hover like

370
00:17:19,578 --> 00:17:26,448
this British hawker p.1127 the French

371

00:17:24,740 --> 00:17:33,230
also have experimented in this field

372
00:17:26,449 --> 00:17:37,038
this is the Balzac not a UFO the Germans

373
00:17:33,230 --> 00:17:38,298
also are doing it this is the ewr here

374
00:17:37,038 --> 00:17:44,990
comes in for a landing

375
00:17:38,298 --> 00:17:47,359
AWR not UFO the american xv5 a built by

376
00:17:44,990 --> 00:17:51,880
ryan not only flies straight up and down

377
00:17:47,359 --> 00:17:51,879
it also flies sideways and backwards

378
00:17:52,240 --> 00:17:58,880
Northrop swing was M - f - otherwise

379
00:17:55,700 --> 00:18:01,640
known as the flying bathtub is NASA's

380
00:17:58,880 --> 00:18:04,250
lifting reentry body half plane half

381
00:18:01,640 --> 00:18:06,280
spacecraft landing like a conventional

382
00:18:04,250 --> 00:18:08,450
jet without power

383
00:18:06,279 --> 00:18:10,428
another wingless piece of airborne

384
00:18:08,450 --> 00:18:12,230
hardware is this a lunar landing

385
00:18:10,429 --> 00:18:15,288

research vehicle at NASA's research

386

00:18:12,230 --> 00:18:17,179

center looking more like a giant flying

387

00:18:15,288 --> 00:18:19,819

ant that might have come out of a

388

00:18:17,179 --> 00:18:23,120

Martian comic book it will be used when

389

00:18:19,819 --> 00:18:25,359

we get to the moon small wonder that

390

00:18:23,119 --> 00:18:27,589

layman seen such things in newspapers

391

00:18:25,359 --> 00:18:29,808

aviation and trade journals as well as

392

00:18:27,589 --> 00:18:32,509

in newsreels and on television are

393

00:18:29,808 --> 00:18:34,609

evermore ready to believe anything where

394

00:18:32,509 --> 00:18:36,650

these are real than others more

395

00:18:34,609 --> 00:18:39,229

incredible are most probably being

396

00:18:36,650 --> 00:18:41,390

tested in secret however all these

397

00:18:39,230 --> 00:18:43,819

vehicles operate within the laws of

398

00:18:41,390 --> 00:18:45,470

physics and aerodynamics even though

399

00:18:43,819 --> 00:18:48,769

they may give the appearance of

400
00:18:45,470 --> 00:18:50,900
operating outside the laws of nature but

401
00:18:48,769 --> 00:18:54,168
ufologists still insists there is more

402
00:18:50,900 --> 00:18:56,690
to it than this and so there is at

403
00:18:54,169 --> 00:18:58,640
England's Victoria and Albert Museum CBS

404
00:18:56,690 --> 00:19:00,950
correspondent frank kern spoke to

405
00:18:58,640 --> 00:19:04,610
aeronautical historian charles harvard

406
00:19:00,950 --> 00:19:07,519
gibbs smith my position now i think is

407
00:19:04,609 --> 00:19:08,389
that i believe that about 5% of these

408
00:19:07,519 --> 00:19:10,849
things

409
00:19:08,390 --> 00:19:15,290
interplan as they come to us from a

410
00:19:10,849 --> 00:19:18,919
world outside our Fanta system and that

411
00:19:15,289 --> 00:19:21,920
some of them are in fact inhabited by

412
00:19:18,920 --> 00:19:25,060
intelligent beings of some kind and some

413
00:19:21,920 --> 00:19:28,279
look as if they're remotely controlled

414
00:19:25,059 --> 00:19:30,819
well who really do we think we are we're

415
00:19:28,279 --> 00:19:33,049
a fifth-rate miserable measly little

416
00:19:30,819 --> 00:19:35,599
system I have in the edge of the Milky

417
00:19:33,049 --> 00:19:38,480
Way fooling around the universe with

418
00:19:35,599 --> 00:19:40,399
four or five thousand years of so-called

419
00:19:38,480 --> 00:19:42,950
civilization behind us we think we are

420
00:19:40,400 --> 00:19:45,530
the cat's whiskers and we are not we're

421
00:19:42,950 --> 00:19:46,039
a potty's second-rate lot fifth-rate

422
00:19:45,529 --> 00:19:49,039
long

423
00:19:46,039 --> 00:19:50,720
conceited as Apes not all of us and and

424
00:19:49,039 --> 00:19:52,220
here we go and the moment anybody

425
00:19:50,720 --> 00:19:55,370
suggest something should come in outside

426
00:19:52,220 --> 00:19:57,319
from from outside we do know it can't be

427
00:19:55,369 --> 00:19:59,089
that can't be that it's quite out you

428

00:19:57,319 --> 00:20:01,159
know these things can't happen and it I

429
00:19:59,089 --> 00:20:04,069
think we're all I do it myself we're all

430
00:20:01,160 --> 00:20:07,040
thinking medieval a what convinces you

431
00:20:04,069 --> 00:20:08,269
more than anything else the evidence of

432
00:20:07,039 --> 00:20:11,480
the men that have seen them and

433
00:20:08,269 --> 00:20:14,539
primarily the behavior and descriptions

434
00:20:11,480 --> 00:20:17,150
of the objects themselves which do not

435
00:20:14,539 --> 00:20:19,879
fit rarely any other explanation and the

436
00:20:17,150 --> 00:20:23,420
Oldfield sighting this thing which will

437
00:20:19,880 --> 00:20:25,130
become very famous we're a couple live

438
00:20:23,420 --> 00:20:28,220
in a cottage outside Manchester took

439
00:20:25,130 --> 00:20:30,680
their first airline journey and they had

440
00:20:28,220 --> 00:20:34,250
a board a little film a little cine

441
00:20:30,680 --> 00:20:35,900
camera and they take pictures down the

442
00:20:34,250 --> 00:20:36,859

fields as a couple would the first time

443

00:20:35,900 --> 00:20:39,980
they'd ever been in an aeroplane

444

00:20:36,859 --> 00:20:42,529
and she takes what she thinks is an

445

00:20:39,980 --> 00:20:45,140
aeroplane coming up from behind them and

446

00:20:42,529 --> 00:20:47,210
then it goes out of a vision in about 12

447

00:20:45,140 --> 00:20:48,800
seconds or their bats and she goes on

448

00:20:47,210 --> 00:20:50,690
taking a few more bits of that their

449

00:20:48,799 --> 00:20:52,039
distant clouds that puts it back and

450

00:20:50,690 --> 00:20:55,430
when they get what's this thing I mean

451

00:20:52,039 --> 00:20:58,659
it's it's it's inexplicable by any

452

00:20:55,430 --> 00:21:02,210
unless it's a straight fake and to fake

453

00:20:58,660 --> 00:21:05,870
to fake an eight millimeter film in

454

00:21:02,210 --> 00:21:08,630
colour one's a lot of equipment

455

00:21:05,869 --> 00:21:10,029
and who on earth are these this charleen

456

00:21:08,630 --> 00:21:12,710
couple what what would they be doing

457
00:21:10,029 --> 00:21:13,519
lending themselves to faking these it is

458
00:21:12,710 --> 00:21:16,579
nothing

459
00:21:13,519 --> 00:21:18,950
airborne we've ever seen I mean this is

460
00:21:16,579 --> 00:21:22,039
a basically sausage shape with two

461
00:21:18,950 --> 00:21:24,440
dorsal to ventral fins and as you look

462
00:21:22,039 --> 00:21:26,059
at this film it turns away on its

463
00:21:24,440 --> 00:21:29,299
vertical axis from your end goes

464
00:21:26,059 --> 00:21:31,250
disappears out that way well I mean you

465
00:21:29,299 --> 00:21:34,569
can argue to our blow in the face what

466
00:21:31,250 --> 00:21:37,460
is it except something that is airborne

467
00:21:34,569 --> 00:21:39,259
by a force probably electrogravitic

468
00:21:37,460 --> 00:21:41,569
force of some kind that we know nothing

469
00:21:39,259 --> 00:21:42,980
whatever about it is nothing

470
00:21:41,569 --> 00:21:44,839
conventional that is nothing

471
00:21:42,980 --> 00:21:48,799
unconventional aerodynamically there's

472
00:21:44,839 --> 00:21:50,779
no single piece of Earth borne equipment

473
00:21:48,799 --> 00:21:53,990
of any kind that can look and behave

474
00:21:50,779 --> 00:21:56,899
like they're the old fields indeed had

475
00:21:53,990 --> 00:21:59,779
not faked anything but the UFO in their

476
00:21:56,900 --> 00:22:02,480
film soon proved explainable a few days

477
00:21:59,779 --> 00:22:04,670
later an enterprising BBC cameraman took

478
00:22:02,480 --> 00:22:07,000
a similar camera sat in the same seat

479
00:22:04,670 --> 00:22:10,730
and filmed the same English countryside

480
00:22:07,000 --> 00:22:12,430
the same UFO Harvard interview went

481
00:22:10,730 --> 00:22:15,920
through the same maneuvers and

482
00:22:12,430 --> 00:22:18,620
disappeared into itself the same way the

483
00:22:15,920 --> 00:22:21,740
UFO turned out to be the reflection of

484
00:22:18,619 --> 00:22:23,059
the tail section of the plane itself the

485

00:22:21,740 --> 00:22:25,220
refraction of light in the Earth's

486
00:22:23,059 --> 00:22:27,470
atmosphere is capable of fooling both

487
00:22:25,220 --> 00:22:29,990
the human eye and the camera lens and

488
00:22:27,470 --> 00:22:32,480
that thin life-giving envelope of

489
00:22:29,990 --> 00:22:34,730
atmosphere sets apart the spaceship

490
00:22:32,480 --> 00:22:37,730
earth from its sister planets as it

491
00:22:34,730 --> 00:22:40,610
spins about the Sun at 66,000 miles per

492
00:22:37,730 --> 00:22:42,170
hour one of the problems connected with

493
00:22:40,609 --> 00:22:44,959
man's flight through this environment

494
00:22:42,170 --> 00:22:47,000
arise from the law of physics governing

495
00:22:44,960 --> 00:22:50,269
objects moving at high speeds through

496
00:22:47,000 --> 00:22:52,759
the ocean of air aircraft moving at high

497
00:22:50,269 --> 00:22:55,609
speeds pierce the air compressed before

498
00:22:52,759 --> 00:22:59,690
the plane's wing a shock wave results

499
00:22:55,609 --> 00:23:01,639

it's become known as a sonic boom even

500

00:22:59,690 --> 00:23:04,320

today's comparatively slow flying

501

00:23:01,640 --> 00:23:05,788

military jets alarm some citizen

502

00:23:04,319 --> 00:23:08,099

said run up bills for the Defense

503

00:23:05,788 --> 00:23:12,408

Department each year from the effect of

504

00:23:08,099 --> 00:23:12,408

these shock waves on populated areas

505

00:23:15,769 --> 00:23:21,630

question why have no UFOs ever created

506

00:23:19,528 --> 00:23:23,700

an identical phenomenon when they're

507

00:23:21,630 --> 00:23:26,639

reported moving at speeds far in excess

508

00:23:23,700 --> 00:23:29,460

of jet planes as this film made by mrs.

509

00:23:26,638 --> 00:23:32,069

Madeleine rotifer in 1965 purports to

510

00:23:29,460 --> 00:23:34,110

show further if the laws of nature

511

00:23:32,069 --> 00:23:36,119

prevent jet aircraft from abruptly

512

00:23:34,109 --> 00:23:39,119

changing direction without breaking up

513

00:23:36,119 --> 00:23:41,069

aircraft and passengers why would a UFO

514
00:23:39,119 --> 00:23:43,648
be exempt from the same effect at

515
00:23:41,069 --> 00:23:45,720
greater speeds the answer of most

516
00:23:43,648 --> 00:23:48,239
scientists is that we are not dealing

517
00:23:45,720 --> 00:23:51,240
with material objects from outer space

518
00:23:48,240 --> 00:23:53,909
at all but with lights reflections and

519
00:23:51,240 --> 00:23:56,038
natural phenomenon former director of

520
00:23:53,909 --> 00:23:59,570
the Harvard Observatory now a member of

521
00:23:56,038 --> 00:24:02,490
the Smithsonian professor Donald H menzo

522
00:23:59,569 --> 00:24:05,369
many people looking up into the sky can

523
00:24:02,490 --> 00:24:08,399
see a bright object on the horizon they

524
00:24:05,369 --> 00:24:12,359
think that this object is a UFO when

525
00:24:08,398 --> 00:24:15,648
actually as we scientists know it can be

526
00:24:12,359 --> 00:24:19,918
an effect of the Earth's atmosphere that

527
00:24:15,648 --> 00:24:22,109
through a layer of hot air that is

528
00:24:19,919 --> 00:24:24,538
entrapped above a layer of cold air near

529
00:24:22,109 --> 00:24:28,439
the ground we get an effect which sure

530
00:24:24,538 --> 00:24:31,528
we call a mirage now to demonstrate this

531
00:24:28,440 --> 00:24:35,460
I have a sort of a hearse atmosphere in

532
00:24:31,528 --> 00:24:37,169
this jar this is a layer of benzene

533
00:24:35,460 --> 00:24:40,350
which is a very high index of refraction

534
00:24:37,169 --> 00:24:43,259
and it acts like a layer of cold air and

535
00:24:40,349 --> 00:24:46,648
I am now putting on top of it floating

536
00:24:43,259 --> 00:24:51,360
on it a layer of acetone which is a

537
00:24:46,648 --> 00:24:53,699
layer of liquid of lesser refractive

538
00:24:51,359 --> 00:24:55,500
index it acts like a layer of hot air on

539
00:24:53,700 --> 00:24:58,528
the screen we will see a bright light

540
00:24:55,500 --> 00:25:00,778
that's being projected from the ground

541
00:24:58,528 --> 00:25:03,750
level here and passing through the

542

00:25:00,778 --> 00:25:05,369
acetone on the benzene and now we will

543
00:25:03,750 --> 00:25:08,159
turn out the light so you see on the

544
00:25:05,369 --> 00:25:10,969
screen that the bright spot of light

545
00:25:08,159 --> 00:25:13,379
that was originally traversing this

546
00:25:10,970 --> 00:25:15,600
artificial atmosphere and appeared at

547
00:25:13,378 --> 00:25:20,279
the top of the screen Greg

548
00:25:15,599 --> 00:25:23,449
limbs and a line of colored light

549
00:25:20,279 --> 00:25:25,829
streams out down below this spot and

550
00:25:23,450 --> 00:25:28,769
finally the spot near the top of the

551
00:25:25,829 --> 00:25:31,199
screen disappears and we see instead a

552
00:25:28,769 --> 00:25:34,410
beautifully colored and rapidly moving

553
00:25:31,200 --> 00:25:37,529
spot the colors are due to refraction

554
00:25:34,410 --> 00:25:41,850
the red color sometimes is attributed to

555
00:25:37,529 --> 00:25:45,418
the presence of a rapidly moving jet the

556
00:25:41,849 --> 00:25:48,359

blue color is sometimes interpreted as a

557

00:25:45,419 --> 00:25:51,538

motion toward the observer is all an

558

00:25:48,359 --> 00:25:54,599

effect of a mirage and yet this has been

559

00:25:51,538 --> 00:25:56,369

reported again and again by experienced

560

00:25:54,599 --> 00:25:59,779

pilots who have thought that they were

561

00:25:56,369 --> 00:26:04,349

being attacked by UFO from outer space

562

00:25:59,779 --> 00:26:06,178

this is a type of sundog ice crystals in

563

00:26:04,349 --> 00:26:09,029

an otherwise transparent atmosphere

564

00:26:06,179 --> 00:26:12,419

reflect light from the Sun and produces

565

00:26:09,029 --> 00:26:14,700

a saucer shaped body that can maneuver

566

00:26:12,419 --> 00:26:16,919

rush in toward the plane or sometimes

567

00:26:14,700 --> 00:26:19,798

move rapidly away as the density of ice

568

00:26:16,919 --> 00:26:23,070

crystals thins out there are brilliant

569

00:26:19,798 --> 00:26:26,220

meteors the shooting stars that flash

570

00:26:23,069 --> 00:26:28,740

through the sky there are many cases on

571
00:26:26,220 --> 00:26:31,288
record where pilot and a co-pilot have

572
00:26:28,740 --> 00:26:33,839
seen the identical flyer in front of

573
00:26:31,288 --> 00:26:36,379
their plane and one of them has pulled

574
00:26:33,839 --> 00:26:40,019
up the plane abruptly in an attempt to

575
00:26:36,380 --> 00:26:42,720
maneuver to miss it but actually the

576
00:26:40,019 --> 00:26:45,450
other pilot claimed that it was an

577
00:26:42,720 --> 00:26:48,390
object 70 or 100 miles away which

578
00:26:45,450 --> 00:26:51,150
actually it was in addition to mirages

579
00:26:48,390 --> 00:26:53,009
in the atmosphere many physical objects

580
00:26:51,150 --> 00:26:55,470
in the air have been taken for saucers

581
00:26:53,009 --> 00:26:56,908
like this translucent balloon that can

582
00:26:55,470 --> 00:27:00,509
carry instruments up to a hundred

583
00:26:56,909 --> 00:27:02,669
thousand feet birds kites pieces of

584
00:27:00,509 --> 00:27:05,579
paper and the planets have often been

585
00:27:02,669 --> 00:27:07,860
claimed as UFOs but a little bit of

586
00:27:05,579 --> 00:27:10,079
logic goes a long way for those who wish

587
00:27:07,859 --> 00:27:12,408
to be persuaded as we shall see in a

588
00:27:10,079 --> 00:27:12,408
moment

589
00:27:15,249 --> 00:27:21,108
this man used to spend hours writing

590
00:27:18,108 --> 00:27:23,778
medical findings in longhand but the new

591
00:27:21,108 --> 00:27:26,378
IBM 224 dictating unit cured him of

592
00:27:23,778 --> 00:27:26,378
writers cramp

593
00:27:28,190 --> 00:27:36,390
this man used to trust countless details

594
00:27:30,539 --> 00:27:42,809
to memory the new IBM 224 and never

595
00:27:36,390 --> 00:27:46,830
forgets anything this woman used to take

596
00:27:42,809 --> 00:27:49,950
notes while checking her merchandise but

597
00:27:46,829 --> 00:27:53,970
the new IBM 224 take stock of things

598
00:27:49,950 --> 00:27:57,120
quickly and easily at only 28 ounces

599

00:27:53,970 --> 00:27:59,339
this new IBM dictating unit is so small

600
00:27:57,119 --> 00:28:02,309
and so compact that you can use it

601
00:27:59,339 --> 00:28:04,679
anywhere you think at home on trips and

602
00:28:02,309 --> 00:28:05,220
conferences and of course behind your

603
00:28:04,680 --> 00:28:08,610
desk

604
00:28:05,220 --> 00:28:13,350
whatever you do the new IBM 224 it can

605
00:28:08,609 --> 00:28:18,419
help you do it better here again is CBS

606
00:28:13,349 --> 00:28:20,579
reports UFO friend foe or fantasy saucer

607
00:28:18,420 --> 00:28:23,160
fans are often devoted readers of

608
00:28:20,579 --> 00:28:25,980
science fiction much of it is written by

609
00:28:23,160 --> 00:28:28,170
highly respected scientists an even more

610
00:28:25,980 --> 00:28:30,990
popular level the comic book adventures

611
00:28:28,170 --> 00:28:34,080
of Flash Gordon confirm saucer buffs in

612
00:28:30,990 --> 00:28:35,940
the plausibility of their beliefs but

613
00:28:34,079 --> 00:28:38,429

all is not peaceful on the planet Earth

614

00:28:35,940 --> 00:28:41,370

because the saucer addicts are divided

615

00:28:38,430 --> 00:28:43,320

into cults groups and sects that range

616

00:28:41,369 --> 00:28:45,539

from the skeptical sighters who hope

617

00:28:43,319 --> 00:28:47,549

there is a logical answer to the true

618

00:28:45,539 --> 00:28:49,680

believers who feel sure the answer is

619

00:28:47,549 --> 00:28:52,319

being covered up by the military

620

00:28:49,680 --> 00:28:55,680

establishment perhaps the farthest out

621

00:28:52,319 --> 00:28:58,679

group is made up of the contactees they

622

00:28:55,680 --> 00:29:01,410

have met talk to or even ridden with

623

00:28:58,680 --> 00:29:03,360

visitors from outer space here at giant

624

00:29:01,410 --> 00:29:06,630

rock in California's high desert country

625

00:29:03,359 --> 00:29:08,689

one of the pioneer contactees George Van

626

00:29:06,630 --> 00:29:12,240

Tassel talked to CBS news correspondent

627

00:29:08,690 --> 00:29:14,519

bill stout we're writing on a electro

628
00:29:12,240 --> 00:29:17,309
static magnetic ship right now on the

629
00:29:14,519 --> 00:29:19,170
earth doing 66,000 miles an hour right

630
00:29:17,309 --> 00:29:21,509
now in an orbit around the Sun and we're

631
00:29:19,170 --> 00:29:23,789
all astronauts in that respect have you

632
00:29:21,509 --> 00:29:26,549
ever gone up close enough to touch one

633
00:29:23,789 --> 00:29:29,879
to see what was inside bill and

634
00:29:26,549 --> 00:29:32,669
in August the 24th of 1953 I went aboard

635
00:29:29,880 --> 00:29:35,160
one for about 20 minutes what was it

636
00:29:32,670 --> 00:29:37,940
like what happened well the interior

637
00:29:35,160 --> 00:29:40,830
walls were what looked like

638
00:29:37,940 --> 00:29:44,640
mother-of-pearl plastic like we put on

639
00:29:40,829 --> 00:29:46,379
toilet seats and for a decoration the

640
00:29:44,640 --> 00:29:49,410
light inside seemed to come from

641
00:29:46,380 --> 00:29:51,230
everywhere the instrument panel wasn't

642
00:29:49,410 --> 00:29:55,140
like anything I'd ever seen before and

643
00:29:51,230 --> 00:29:58,829
all of my years since 1927 in the air

644
00:29:55,140 --> 00:30:01,410
game and they had a compartment in the

645
00:29:58,829 --> 00:30:04,379
wall which both cleans and deodorizer

646
00:30:01,410 --> 00:30:07,500
their clothes by some light process

647
00:30:04,380 --> 00:30:10,710
which required no water soap or

648
00:30:07,500 --> 00:30:12,569
detergents or washing machine giant rock

649
00:30:10,710 --> 00:30:15,750
for the last 10 years has been the

650
00:30:12,569 --> 00:30:17,428
Plymouth Rock of the saucer age saucer

651
00:30:15,750 --> 00:30:19,500
conventions were meeting here as far

652
00:30:17,429 --> 00:30:21,300
back as the pre astronaut era of

653
00:30:19,500 --> 00:30:24,058
black-and-white television but the

654
00:30:21,299 --> 00:30:26,970
contactees storyline was the same then

655
00:30:24,058 --> 00:30:28,799
as now tell upon your own words about

656

00:30:26,970 --> 00:30:31,200
your trip to Venus how it started well

657
00:30:28,799 --> 00:30:34,619
as I say it started first with a very

658
00:30:31,200 --> 00:30:37,319
decided tingling all over my body the

659
00:30:34,619 --> 00:30:39,928
stinging finally extended to the mind

660
00:30:37,319 --> 00:30:42,990
area and there was a clarification of

661
00:30:39,929 --> 00:30:45,210
mine such as it's hard to believe I seem

662
00:30:42,990 --> 00:30:47,579
to become one with the entire universe

663
00:30:45,210 --> 00:30:50,549
in the Valhalla of interplanetary

664
00:30:47,579 --> 00:30:52,529
contactees the late George Adamski is

665
00:30:50,549 --> 00:30:54,509
regarded by his followers as something

666
00:30:52,529 --> 00:30:57,119
of a Christopher Columbus among outer

667
00:30:54,509 --> 00:30:59,490
space voyagers and you talk to him you

668
00:30:57,119 --> 00:31:01,229
as I have more or less on gestures and

669
00:30:59,490 --> 00:31:03,480
mental telepathy as if there's no one

670
00:31:01,230 --> 00:31:05,579

taught transfer he does not speak I mean

671

00:31:03,480 --> 00:31:07,079

it doesn't at the time but I have met

672

00:31:05,579 --> 00:31:09,049

him since and they that speak very well

673

00:31:07,079 --> 00:31:11,579

English as well as in the other language

674

00:31:09,049 --> 00:31:13,678

George Adamski it was successful in

675

00:31:11,579 --> 00:31:16,230

attracting many disciples with film like

676

00:31:13,679 --> 00:31:19,620

this he called it a spaceship from Venus

677

00:31:16,230 --> 00:31:21,599

his critics call it a crude hoax this

678

00:31:19,619 --> 00:31:24,449

film was obtained from one of Adamski's

679

00:31:21,599 --> 00:31:26,759

disciples Mrs. Madeline Rotifer who has

680

00:31:24,450 --> 00:31:28,740

made her own UFO film and who credits

681

00:31:26,759 --> 00:31:31,890

Adamski with an assist in her first

682

00:31:28,740 --> 00:31:34,349

contact with the new shins some of them

683

00:31:31,890 --> 00:31:37,290

have even been to our home and the day

684

00:31:34,349 --> 00:31:39,509

that the one came into to the yard which

685
00:31:37,289 --> 00:31:42,599
I filmed on the camera

686
00:31:39,509 --> 00:31:44,759
there were three inside the ship major

687
00:31:42,599 --> 00:31:46,589
Keyhoe and his nightcap organization

688
00:31:44,759 --> 00:31:50,309
have little regard for the likes of

689
00:31:46,589 --> 00:31:51,899
contactees rotifer and Adamski they lean

690
00:31:50,309 --> 00:31:55,049
heavily on the testimony of

691
00:31:51,900 --> 00:31:58,650
professionals according to the United

692
00:31:55,049 --> 00:32:00,539
States Air Force in following a policy

693
00:31:58,650 --> 00:32:05,990
which is set puppy fairly high in the

694
00:32:00,539 --> 00:32:09,359
Pentagon there are about 250 or 300

695
00:32:05,990 --> 00:32:11,339
extremely incompetent airline and

696
00:32:09,359 --> 00:32:14,129
military pilots in this country they're

697
00:32:11,339 --> 00:32:17,819
carrying passengers they fly across the

698
00:32:14,130 --> 00:32:19,860
oceans and they seem to be quite safe

699

00:32:17,819 --> 00:32:23,210
the airlines let them continue to fly

700

00:32:19,859 --> 00:32:25,829
even though they have reported UFOs now

701

00:32:23,210 --> 00:32:28,200
this is not an attack on the air force

702

00:32:25,829 --> 00:32:31,740
spokesman or the project spokesman they

703

00:32:28,200 --> 00:32:34,259
are simply following orders to explain

704

00:32:31,740 --> 00:32:36,710
away all UFO sightings as quickly as

705

00:32:34,259 --> 00:32:39,920
possible when they become public and

706

00:32:36,710 --> 00:32:42,840
deny that UFOs really exist

707

00:32:39,920 --> 00:32:45,420
the official Air Force reply has long

708

00:32:42,839 --> 00:32:47,669
been that there is no cover-up and there

709

00:32:45,420 --> 00:32:50,430
are no flying saucers from outer space

710

00:32:47,670 --> 00:32:52,110
the air force position was the tale in

711

00:32:50,430 --> 00:32:54,450
this book by Lieutenant Colonel Lauren

712

00:32:52,109 --> 00:32:56,759
stacker who for many years was connected

713

00:32:54,450 --> 00:32:59,670
with the UFO project we're kind of in

714
00:32:56,759 --> 00:33:02,039
the position of the man who's asked have

715
00:32:59,670 --> 00:33:04,080
you stopped beating your wife this has

716
00:33:02,039 --> 00:33:08,399
been going on for 19 years

717
00:33:04,079 --> 00:33:09,949
the charges are absolutely untrue you

718
00:33:08,400 --> 00:33:14,180
could characterize them as being

719
00:33:09,950 --> 00:33:16,259
senseless and vicious our critics

720
00:33:14,180 --> 00:33:17,670
continually charge that the United

721
00:33:16,259 --> 00:33:19,740
States Air Force is withholding

722
00:33:17,670 --> 00:33:23,690
information from the general public on

723
00:33:19,740 --> 00:33:26,730
this subject this is absolutely untrue

724
00:33:23,690 --> 00:33:29,730
we are not hiding anything we have

725
00:33:26,730 --> 00:33:31,980
nothing to hide there is nothing in Air

726
00:33:29,730 --> 00:33:34,470
Force files in either the classified

727
00:33:31,980 --> 00:33:37,529

files or the unclassified files that

728

00:33:34,470 --> 00:33:40,589

come to a conclusion that spaceships

729

00:33:37,529 --> 00:33:42,809

have visited the earth the Air Force

730

00:33:40,589 --> 00:33:46,500

investigative unit is known as Project

731

00:33:42,809 --> 00:33:48,389

Blue Book UFO reports hoaxes or serious

732

00:33:46,500 --> 00:33:50,009

sightings wind up here at

733

00:33:48,390 --> 00:33:51,150

wright-patterson Air Field in Dayton

734

00:33:50,009 --> 00:33:54,000

Ohio

735

00:33:51,150 --> 00:33:56,370

it has studied over 10,000 UFO sightings

736

00:33:54,000 --> 00:34:00,420

and found explanations for most of them

737

00:33:56,369 --> 00:34:03,359

but about 650 remain unidentified

738

00:34:00,420 --> 00:34:06,920

not enough information to explain them

739

00:34:03,359 --> 00:34:09,480

the hoax is however or easy to explain a

740

00:34:06,920 --> 00:34:12,119

rocket nose cone turns out to be a

741

00:34:09,480 --> 00:34:15,148

magnesium anode used by water companies

742
00:34:12,119 --> 00:34:15,929
to protect their pipes a rock from outer

743
00:34:15,148 --> 00:34:18,569
space

744
00:34:15,929 --> 00:34:21,059
actually fused by a high tension line

745
00:34:18,570 --> 00:34:24,030
which shorted out the finder said this

746
00:34:21,059 --> 00:34:26,549
was food from outer space the Food and

747
00:34:24,030 --> 00:34:30,210
Drug Administration analyzed it as old

748
00:34:26,550 --> 00:34:32,429
fashioned buckwheat cakes hoaxes are

749
00:34:30,210 --> 00:34:34,320
easy to discount but the Air Force

750
00:34:32,429 --> 00:34:37,619
insists it treats serious reports

751
00:34:34,320 --> 00:34:39,990
seriously chief scientific consultant of

752
00:34:37,619 --> 00:34:42,359
Project Blue Book is Professor J Allen

753
00:34:39,989 --> 00:34:44,819
Hynek head of the Durbin Observatory at

754
00:34:42,360 --> 00:34:47,700
Northwestern University he took on the

755
00:34:44,820 --> 00:34:50,580
assignment 18 years ago he talked with

756
00:34:47,699 --> 00:34:52,949
Joseph worshipper of CBS reports is it

757
00:34:50,579 --> 00:34:54,840
in the realm of possibility that there

758
00:34:52,949 --> 00:34:56,148
are spaceships someplace in this

759
00:34:54,840 --> 00:34:59,309
universe

760
00:34:56,148 --> 00:35:01,679
well if you put it in the word used the

761
00:34:59,309 --> 00:35:03,679
word possibility and not probability

762
00:35:01,679 --> 00:35:05,549
then I would have to say I think as any

763
00:35:03,679 --> 00:35:09,269
scientist would have to say it is

764
00:35:05,550 --> 00:35:11,519
certainly possible yes but I think we

765
00:35:09,269 --> 00:35:13,440
must always distinguish between the two

766
00:35:11,519 --> 00:35:15,690
terms possible and probable a thing may

767
00:35:13,440 --> 00:35:17,460
be scientifically possible but the

768
00:35:15,690 --> 00:35:19,980
probability of its occurring may be

769
00:35:17,460 --> 00:35:22,289
extremely small see to this time there

770

00:35:19,980 --> 00:35:25,409
is no proof that I would consider a

771
00:35:22,289 --> 00:35:28,429
valid scientific proof that we have been

772
00:35:25,409 --> 00:35:33,649
visited by spaceships I would say the

773
00:35:28,429 --> 00:35:37,199
great majority are balloons meteors

774
00:35:33,650 --> 00:35:40,910
satellites aircraft seen with the Sun

775
00:35:37,199 --> 00:35:43,500
glinting off of them and the birds and

776
00:35:40,909 --> 00:35:46,379
then you have then you get into a host

777
00:35:43,500 --> 00:35:48,599
of minor things but in general you can

778
00:35:46,380 --> 00:35:51,150
say that the IFO was identified ones

779
00:35:48,599 --> 00:35:53,159
have turned out to be generally quite

780
00:35:51,150 --> 00:35:55,110
usual things seen under unusual

781
00:35:53,159 --> 00:35:56,969
circumstances or surprising

782
00:35:55,110 --> 00:36:00,269
circumstances it's like it's a global

783
00:35:56,969 --> 00:36:00,899
thing what it is please don't ask me I

784
00:36:00,269 --> 00:36:03,090

are

785

00:36:00,900 --> 00:36:09,720

still puzzle this might you might call

786

00:36:03,090 --> 00:36:14,039

me a study in Parliament but that among

787

00:36:09,719 --> 00:36:15,119

the tremendous noise are static or crowd

788

00:36:14,039 --> 00:36:17,639

or whatever you want to call it a

789

00:36:15,119 --> 00:36:21,059

tremendous number of unreliable reports

790

00:36:17,639 --> 00:36:24,920

that are easily explained there is this

791

00:36:21,059 --> 00:36:27,090

residue of most interesting cases that

792

00:36:24,920 --> 00:36:28,920

intrigue me in the same way that a good

793

00:36:27,090 --> 00:36:31,650

mystery story intrigues me and I'd like

794

00:36:28,920 --> 00:36:34,170

to get the solution I don't think it is

795

00:36:31,650 --> 00:36:35,670

face people although I would be

796

00:36:34,170 --> 00:36:36,990

delighted if it if it turned out that

797

00:36:35,670 --> 00:36:39,119

way because there's an astronomer I

798

00:36:36,989 --> 00:36:41,609

think it would make astronomy even more

799

00:36:39,119 --> 00:36:43,710

interesting than it is and as far as the

800

00:36:41,610 --> 00:36:46,440

air force is concerned I can't speak for

801

00:36:43,710 --> 00:36:49,829

them of course but I should imagine that

802

00:36:46,440 --> 00:36:52,170

if the style if the existence of

803

00:36:49,829 --> 00:36:53,670

spacecraft were really established it

804

00:36:52,170 --> 00:36:55,650

would really increase the appropriations

805

00:36:53,670 --> 00:36:59,010

of the air force but how do you answer

806

00:36:55,650 --> 00:37:02,190

the people who are pretty competent

807

00:36:59,010 --> 00:37:05,130

careful cautious probing people pilots

808

00:37:02,190 --> 00:37:06,929

radar trackers those are particularly

809

00:37:05,130 --> 00:37:10,380

the people that I like to talk to

810

00:37:06,929 --> 00:37:11,789

because they have they understand where

811

00:37:10,380 --> 00:37:13,710

angular rates are they understand

812

00:37:11,789 --> 00:37:15,029

scientific terminology I can ask them

813
00:37:13,710 --> 00:37:17,519
what was the altitude and azimuth when

814
00:37:15,030 --> 00:37:21,030
you first saw what was it's as an

815
00:37:17,519 --> 00:37:23,070
altitude when it disappeared what was it

816
00:37:21,030 --> 00:37:24,510
what was it angular acceleration they

817
00:37:23,070 --> 00:37:25,050
can give you an intelligent answer the

818
00:37:24,510 --> 00:37:27,570
thing like that

819
00:37:25,050 --> 00:37:29,370
what is your answer the people who are

820
00:37:27,570 --> 00:37:31,110
sure there are spaceships and they say

821
00:37:29,369 --> 00:37:31,829
that you and the air force are in

822
00:37:31,110 --> 00:37:33,329
cahoots

823
00:37:31,829 --> 00:37:35,219
first of all this business about being

824
00:37:33,329 --> 00:37:38,309
in cahoots is just simply a downright

825
00:37:35,219 --> 00:37:40,679
falsehood and if they insist that space

826
00:37:38,309 --> 00:37:43,980
vehicles exist I say Oh fine the burden

827

00:37:40,679 --> 00:37:46,049
of proof is on you how thin is the

828
00:37:43,980 --> 00:37:48,780
dividing line between science and

829
00:37:46,050 --> 00:37:51,780
science fiction what do we know of outer

830
00:37:48,780 --> 00:37:54,000
space is there anyone out there and are

831
00:37:51,780 --> 00:37:57,990
they headed our way that part of the

832
00:37:54,000 --> 00:38:00,389
story in a moment let's try a speed of

833
00:37:57,989 --> 00:38:04,439
say 10 knots and a rudder angle of 27

834
00:38:00,389 --> 00:38:06,150
degrees these Navy men are asking a

835
00:38:04,440 --> 00:38:07,240
machine to solve a most intricate

836
00:38:06,150 --> 00:38:14,470
problem

837
00:38:07,239 --> 00:38:16,868
go find the red green and violet Preston

838
00:38:14,469 --> 00:38:18,939
is at the same time miles away these

839
00:38:16,869 --> 00:38:25,900
chemists are asking it to work on their

840
00:38:18,940 --> 00:38:28,510
problem at the same time somewhere else

841
00:38:25,900 --> 00:38:31,720

the same thing they're all sharing a

842

00:38:28,510 --> 00:38:34,510

powerful IBM computer 50 companies can

843

00:38:31,719 --> 00:38:36,848

now use one computer at one time and all

844

00:38:34,510 --> 00:38:39,880

50 get their answers immediately this is

845

00:38:36,849 --> 00:38:42,099

time sharing you don't need to own the

846

00:38:39,880 --> 00:38:46,030

computer or go where it is or be an

847

00:38:42,099 --> 00:38:48,250

experienced computer user just rent one

848

00:38:46,030 --> 00:38:50,349

of these and you're in command of a

849

00:38:48,250 --> 00:38:52,510

distant computer suppose you're blending

850

00:38:50,349 --> 00:38:56,700

a new lipstick calculating color

851

00:38:52,510 --> 00:38:56,700

quantities can take powers but now

852

00:39:00,079 --> 00:39:04,548

or you want to know how large a rudder

853

00:39:02,389 --> 00:39:06,798

is needed to maneuver a ship before

854

00:39:04,548 --> 00:39:08,809

building it analyzing the data collected

855

00:39:06,798 --> 00:39:13,150

from this Navy scale model takes days to

856
00:39:08,809 --> 00:39:15,979
do by hand but now you can swing around

857
00:39:13,150 --> 00:39:18,619
type in the data and have the answer

858
00:39:15,978 --> 00:39:20,808
back in seconds your question goes out

859
00:39:18,619 --> 00:39:22,670
over ordinary telephone line into the

860
00:39:20,809 --> 00:39:24,439
central computer along with the

861
00:39:22,670 --> 00:39:26,719
questions of anyone else who has a

862
00:39:24,438 --> 00:39:29,208
problem at that very moment the computer

863
00:39:26,719 --> 00:39:31,309
is so incredibly fast that answers are

864
00:39:29,208 --> 00:39:34,518
flashed back almost before the fingers

865
00:39:31,309 --> 00:39:37,969
leave the keys with this time sharing

866
00:39:34,518 --> 00:39:41,828
system an IBM computer is now available

867
00:39:37,969 --> 00:39:41,829
to anyone anywhere

868
00:39:56,500 --> 00:40:03,739
CBS reports UFO friend foe or fantasy

869
00:40:00,650 --> 00:40:05,809
continues with Walter Cronkite much of

870
00:40:03,739 --> 00:40:08,359
science when we look at it close-up

871
00:40:05,809 --> 00:40:10,309
looks like fiction those are charged a

872
00:40:08,360 --> 00:40:12,530
conspiracy is being carried on by

873
00:40:10,309 --> 00:40:15,079
scientists and the military to cover-up

874
00:40:12,530 --> 00:40:18,200
visitations from outer space use that

875
00:40:15,079 --> 00:40:20,829
charge to explain why no UFOs have been

876
00:40:18,199 --> 00:40:23,899
reported by our space defense system

877
00:40:20,829 --> 00:40:26,360
well this is a dangerous game like

878
00:40:23,900 --> 00:40:29,210
yelling fire in a crowded theater or in

879
00:40:26,360 --> 00:40:31,250
this hydrogen bomb and missile age the

880
00:40:29,210 --> 00:40:34,039
Air Force has the job of turning the

881
00:40:31,250 --> 00:40:36,260
unidentified into identified objects in

882
00:40:34,039 --> 00:40:38,630
a matter of moments there's no time for

883
00:40:36,260 --> 00:40:41,090
theory and conjecture because any

884

00:40:38,630 --> 00:40:43,730
unidentified object would sound warning

885
00:40:41,090 --> 00:40:44,869
Klaxons around the world thousands of

886
00:40:43,730 --> 00:40:47,659
people would have to know about it

887
00:40:44,869 --> 00:40:50,809
instantly it's literally true that what

888
00:40:47,659 --> 00:40:52,730
we don't know could kill us CBS News

889
00:40:50,809 --> 00:40:56,900
correspondent Bill stock reports from

890
00:40:52,730 --> 00:40:58,820
Colorado Springs this is where they

891
00:40:56,900 --> 00:41:02,539
watch everything that flies over or

892
00:40:58,820 --> 00:41:04,519
close to North America the combat

893
00:41:02,539 --> 00:41:07,070
operations center for NORAD the North

894
00:41:04,519 --> 00:41:08,809
American Air Defense Command thousands

895
00:41:07,070 --> 00:41:11,390
of items of information pour in here

896
00:41:08,809 --> 00:41:13,219
from radar stations outposts ships and

897
00:41:11,389 --> 00:41:15,139
aircraft scattered all across the

898
00:41:13,219 --> 00:41:18,409

hemisphere data that's sorted and

899

00:41:15,139 --> 00:41:20,059
displayed on this screen all routine

900

00:41:18,409 --> 00:41:22,849
flights commercial and private are

901

00:41:20,059 --> 00:41:24,519
filtered out those of special interest

902

00:41:22,849 --> 00:41:27,368
to air defense are shown as arrows

903

00:41:24,519 --> 00:41:29,929
yellow is the Strategic Air Command

904

00:41:27,369 --> 00:41:32,930
Green is for special interest flights

905

00:41:29,929 --> 00:41:36,529
such as President Johnson's plane orange

906

00:41:32,929 --> 00:41:39,349
is unknown after they're identified that

907

00:41:36,530 --> 00:41:42,680
color has changed red is hostile a color

908

00:41:39,349 --> 00:41:44,659
used so far only in practice all this

909

00:41:42,679 --> 00:41:46,429
and much more goes into the decisions

910

00:41:44,659 --> 00:41:48,980
that are made right here in this room a

911

00:41:46,429 --> 00:41:51,349
24-hour watch kept by men of the Air

912

00:41:48,980 --> 00:41:53,900
Force Army Navy and

913
00:41:51,349 --> 00:41:56,989
they see everything that's in the sky

914
00:41:53,900 --> 00:41:59,420
they have two and one of them is captain

915
00:41:56,989 --> 00:42:01,909
Gary Reese an Air Force radar officer

916
00:41:59,420 --> 00:42:03,769
with the Air Defense Command is that

917
00:42:01,909 --> 00:42:06,289
right captain you see everything that's

918
00:42:03,769 --> 00:42:08,000
up there yes that's right bill but the

919
00:42:06,289 --> 00:42:11,029
characteristics of our present radar

920
00:42:08,000 --> 00:42:13,519
system any object which has reflective

921
00:42:11,030 --> 00:42:15,560
surfaces and which stays within our

922
00:42:13,519 --> 00:42:17,900
radar coverage which is virtually every

923
00:42:15,559 --> 00:42:20,269
square foot of the United States will be

924
00:42:17,900 --> 00:42:22,670
painted on our radar screens but how

925
00:42:20,269 --> 00:42:24,759
good are you captain how large an object

926
00:42:22,670 --> 00:42:28,309
can you see if it is reflective and

927
00:42:24,760 --> 00:42:30,410
let's say larger than a watermelon is a

928
00:42:28,309 --> 00:42:32,630
crude example and within our radar

929
00:42:30,409 --> 00:42:35,329
coverage we should paint it you talk

930
00:42:32,630 --> 00:42:36,530
about the reflective properties of an

931
00:42:35,329 --> 00:42:39,590
object in the sky

932
00:42:36,530 --> 00:42:42,620
is it possible captain that there are

933
00:42:39,590 --> 00:42:46,160
things up there made of material your

934
00:42:42,619 --> 00:42:48,889
radar will not pick up so far as we know

935
00:42:46,159 --> 00:42:51,500
all flying objects are composed of

936
00:42:48,889 --> 00:42:54,529
materials which are aerodynamic and

937
00:42:51,500 --> 00:42:57,710
which do have a reflective surface upon

938
00:42:54,530 --> 00:42:59,780
which radar waves can be bounced it's

939
00:42:57,710 --> 00:43:02,990
possible that there are other types of

940
00:42:59,780 --> 00:43:04,519
material however I doubt it has there

941

00:43:02,989 --> 00:43:06,469
ever been a report of a flying saucer

942
00:43:04,519 --> 00:43:08,659
captain that was translated into hard

943
00:43:06,469 --> 00:43:11,529
information right here a plot on the

944
00:43:08,659 --> 00:43:14,299
board in this room I don't think so bill

945
00:43:11,530 --> 00:43:16,790
for the reasons that these sightings

946
00:43:14,300 --> 00:43:20,210
have never been substantiated and could

947
00:43:16,789 --> 00:43:22,309
not be translated into hard radar return

948
00:43:20,210 --> 00:43:23,630
figures there have been sightings then

949
00:43:22,309 --> 00:43:25,579
but they turned out to be other things

950
00:43:23,630 --> 00:43:28,789
airplanes or balloons

951
00:43:25,579 --> 00:43:31,730
I've never a saucer you see everything

952
00:43:28,789 --> 00:43:34,219
up to roughly 100,000 feet yes that's

953
00:43:31,730 --> 00:43:36,230
right up to approximately 100,000 feet

954
00:43:34,219 --> 00:43:39,219
at which point the space tracking

955
00:43:36,230 --> 00:43:39,219

network takes over

956

00:43:39,389 --> 00:43:43,739
the space tracking network also in

957

00:43:41,699 --> 00:43:46,019
Colorado Springs is charged with

958

00:43:43,739 --> 00:43:48,539
tracking and logging every object that

959

00:43:46,019 --> 00:43:50,730
moves in space around the Earth from a

960

00:43:48,539 --> 00:43:51,389
hundred thousand feet to two thousand

961

00:43:50,730 --> 00:43:54,090
miles

962

00:43:51,389 --> 00:43:56,369
bill stout asked major Albert Morse just

963

00:43:54,090 --> 00:43:59,850
how good the surveillance is as an

964

00:43:56,369 --> 00:44:04,289
example of some of our precision we have

965

00:43:59,849 --> 00:44:06,719
here a a photo of the object re-entering

966

00:44:04,289 --> 00:44:08,460
the Earth's atmosphere through our

967

00:44:06,719 --> 00:44:10,319
programs we were able to predict a

968

00:44:08,460 --> 00:44:13,650
precise time that this was going to

969

00:44:10,320 --> 00:44:15,570
happen and notified a a particular

970
00:44:13,650 --> 00:44:17,510
agency who then went out with the camera

971
00:44:15,570 --> 00:44:20,970
and was able to obtain this photograph

972
00:44:17,510 --> 00:44:22,800
what altitude this is just entering the

973
00:44:20,969 --> 00:44:25,439
Earth's atmosphere somewhere around four

974
00:44:22,800 --> 00:44:27,630
hundred thousand feet in keeping track

975
00:44:25,440 --> 00:44:30,690
on this board you follow not only ours

976
00:44:27,630 --> 00:44:33,320
but Russian Canadian French yes sir

977
00:44:30,690 --> 00:44:35,700
everything that has been launched so far

978
00:44:33,320 --> 00:44:39,450
could there be objects in the heavens

979
00:44:35,699 --> 00:44:42,179
that you cannot see yes sir there

980
00:44:39,449 --> 00:44:45,929
possibly could be however if they do

981
00:44:42,179 --> 00:44:48,059
have a reflectivity to a radar and obey

982
00:44:45,929 --> 00:44:51,029
the physical properties these can be

983
00:44:48,059 --> 00:44:53,460
tracked by our system how far out can

984
00:44:51,030 --> 00:44:56,610
you see and how small an object could

985
00:44:53,460 --> 00:44:58,260
you see well our general limits are a 1

986
00:44:56,610 --> 00:44:59,610
square meter target at approximately

987
00:44:58,260 --> 00:45:03,180
2,000 nautical miles

988
00:44:59,610 --> 00:45:05,070
if radar has not picked up any UFOs what

989
00:45:03,179 --> 00:45:07,440
then of the argument that they are not

990
00:45:05,070 --> 00:45:08,700
made of earthly material sensitive to

991
00:45:07,440 --> 00:45:10,650
radar reflections

992
00:45:08,699 --> 00:45:12,509
while most saucer sightings report

993
00:45:10,650 --> 00:45:15,570
bright lights which should be picked up

994
00:45:12,510 --> 00:45:16,890
by cameras and light sensitive film the

995
00:45:15,570 --> 00:45:20,190
Smithsonian Astrophysical Observatory

996
00:45:16,889 --> 00:45:22,049
has a network of 16 automatic camera

997
00:45:20,190 --> 00:45:25,110
stations in the Midwestern United States

998

00:45:22,050 --> 00:45:29,910
that covers approximately 300,000 square

999
00:45:25,110 --> 00:45:31,860
miles of sky we asked dr. Robert

1000
00:45:29,909 --> 00:45:33,929
McCroskey director of sae-oh is Prairie

1001
00:45:31,860 --> 00:45:39,099
meteorite Network to show us how it

1002
00:45:33,929 --> 00:45:41,618
works this is a one-sixth model

1003
00:45:39,099 --> 00:45:44,798
as the actual building is six feet by

1004
00:45:41,619 --> 00:45:47,140
six feet it has in it four cameras which

1005
00:45:44,798 --> 00:45:51,548
appear through the windows in the roof

1006
00:45:47,139 --> 00:45:54,548
these are aerial mapping cameras they

1007
00:45:51,548 --> 00:45:56,528
have 45 degrees from Center to corner

1008
00:45:54,548 --> 00:45:59,409
between the four cameras they cover

1009
00:45:56,528 --> 00:46:02,108
essentially the entire sky above ten

1010
00:45:59,409 --> 00:46:05,498
degrees elevation the station is

1011
00:46:02,108 --> 00:46:08,259
operated automatically it has turned on

1012
00:46:05,498 --> 00:46:11,429

at nightfall by these light sensors and

1013

00:46:08,259 --> 00:46:13,599

turned off again shortly before dawn and

1014

00:46:11,429 --> 00:46:17,288

during this time it photographs

1015

00:46:13,599 --> 00:46:20,650

continuously the cameras hold of about

1016

00:46:17,289 --> 00:46:23,259

six weeks supply of film it's recovered

1017

00:46:20,650 --> 00:46:25,749

each week and returned to us the exposed

1018

00:46:23,259 --> 00:46:29,498

portions returned each week to us we

1019

00:46:25,748 --> 00:46:32,139

have a photograph here of extremely

1020

00:46:29,498 --> 00:46:36,068

bright object that occurred last

1021

00:46:32,139 --> 00:46:39,308

November you see the meteor stretched

1022

00:46:36,068 --> 00:46:41,798

along the straight line it is broken

1023

00:46:39,309 --> 00:46:44,259

every 20th of a second by a shutter the

1024

00:46:41,798 --> 00:46:45,728

shutter brakes permit us to determine

1025

00:46:44,259 --> 00:46:49,088

the velocity and then the orbit of the

1026

00:46:45,728 --> 00:46:51,399

body in the past 15 months working

1027
00:46:49,088 --> 00:46:53,588
during the night time during clear

1028
00:46:51,400 --> 00:46:56,108
nights we have not photographed

1029
00:46:53,588 --> 00:46:59,528
anything with cameras that cover

1030
00:46:56,108 --> 00:47:03,038
essentially the entire sky that we did

1031
00:46:59,528 --> 00:47:05,108
not understand dr. McCroskey does the

1032
00:47:03,039 --> 00:47:07,920
Smithsonian have other networks that

1033
00:47:05,108 --> 00:47:10,869
feed information into the whole system

1034
00:47:07,920 --> 00:47:14,499
yes we we have the satellite tracking

1035
00:47:10,869 --> 00:47:16,960
network which the 12 stations about the

1036
00:47:14,498 --> 00:47:20,108
world at each of these stations we have

1037
00:47:16,960 --> 00:47:22,539
a large specialized camera for tracking

1038
00:47:20,108 --> 00:47:26,348
satellites this is a model of one of

1039
00:47:22,539 --> 00:47:27,640
them here in size it's about 10 feet

1040
00:47:26,349 --> 00:47:32,849
high

1041
00:47:27,639 --> 00:47:35,768
the aperture is 20 inches at point 8

1042
00:47:32,849 --> 00:47:37,499
this camera is built so that it's

1043
00:47:35,768 --> 00:47:41,288
possible for to track along the

1044
00:47:37,498 --> 00:47:44,468
trajectory of a satellite and can in

1045
00:47:41,289 --> 00:47:46,869
fact photograph a six inch shiny sphere

1046
00:47:44,469 --> 00:47:47,869
at the distance of the moon that the

1047
00:47:46,869 --> 00:47:50,509
distance

1048
00:47:47,869 --> 00:47:52,700
yes it is show me a picture of something

1049
00:47:50,509 --> 00:47:55,309
that's come from that kind of camera yes

1050
00:47:52,699 --> 00:47:58,788
not a meteor photograph but one of the

1051
00:47:55,309 --> 00:48:02,960
satellite in fact two satellites this is

1052
00:47:58,789 --> 00:48:03,740
the Germany rendezvous when the two

1053
00:48:02,960 --> 00:48:05,838
Germany

1054
00:48:03,739 --> 00:48:08,868
capsules were within about three miles

1055

00:48:05,838 --> 00:48:10,788
of each other but in all of the pictures

1056
00:48:08,869 --> 00:48:13,759
that you've ever seen also from this

1057
00:48:10,789 --> 00:48:16,609
type of device again nothing has ever

1058
00:48:13,759 --> 00:48:18,980
shown up in any of them that somebody

1059
00:48:16,608 --> 00:48:21,078
would call an unidentified flying object

1060
00:48:18,980 --> 00:48:21,920
not that we would call an unidentified

1061
00:48:21,079 --> 00:48:25,278
flying object

1062
00:48:21,920 --> 00:48:27,650
no since there are no bogeys on radar

1063
00:48:25,278 --> 00:48:29,989
that can remain unknown for long and

1064
00:48:27,650 --> 00:48:33,230
there is no photographic evidence

1065
00:48:29,989 --> 00:48:35,389
let's go farther out the expanding

1066
00:48:33,230 --> 00:48:37,519
knowledge of what lies beyond our planet

1067
00:48:35,389 --> 00:48:39,670
has made it respectable to speculate

1068
00:48:37,518 --> 00:48:42,288
about the possibility of life elsewhere

1069
00:48:39,670 --> 00:48:44,389

but that knowledge also makes it more

1070

00:48:42,289 --> 00:48:47,809
difficult to conceive of interstellar

1071

00:48:44,389 --> 00:48:50,778
space vehicles instrumented space probes

1072

00:48:47,809 --> 00:48:53,420
like Mariner flying by Venus and taking

1073

00:48:50,778 --> 00:48:55,579
pictures of the surface of Mars radar

1074

00:48:53,420 --> 00:48:57,588
signals from Earth bounced off planetary

1075

00:48:55,579 --> 00:49:00,349
surfaces and monitored on giant and can

1076

00:48:57,588 --> 00:49:02,630
I like these have thus far tended to

1077

00:49:00,349 --> 00:49:05,838
confirm that if there is life there at

1078

00:49:02,630 --> 00:49:08,690
all it is in elementary form not the

1079

00:49:05,838 --> 00:49:11,808
sort to construct UFOs for exploration

1080

00:49:08,690 --> 00:49:13,940
of Earth as for what lies beyond our

1081

00:49:11,809 --> 00:49:17,150
planetary system it's well to remember

1082

00:49:13,940 --> 00:49:19,509
that our Sun is a tiny star placed near

1083

00:49:17,150 --> 00:49:22,519
the edge of our galaxy the Milky Way

1084
00:49:19,509 --> 00:49:24,679
each of these nebulae are composed of

1085
00:49:22,518 --> 00:49:27,258
millions of Suns which might have their

1086
00:49:24,679 --> 00:49:28,909
own planetary systems where life that

1087
00:49:27,259 --> 00:49:32,088
various stages of development might

1088
00:49:28,909 --> 00:49:35,210
exist but the nearest star like our Sun

1089
00:49:32,088 --> 00:49:37,849
is Proxima Centauri it is a million

1090
00:49:35,210 --> 00:49:40,608
times farther away from Earth than the

1091
00:49:37,849 --> 00:49:42,410
nearest planet if it had planets around

1092
00:49:40,608 --> 00:49:44,690
it and was inhabited by intelligent

1093
00:49:42,409 --> 00:49:46,699
beings capable of travel through the

1094
00:49:44,690 --> 00:49:50,749
galaxy they would have to construct

1095
00:49:46,699 --> 00:49:53,768
spaceships that traveled at 670 million

1096
00:49:50,748 --> 00:49:56,509
miles per hour the speed of light a

1097
00:49:53,768 --> 00:49:58,699
round-trip from the vicinity of Proxima

1098
00:49:56,509 --> 00:50:00,710
Centauri to earth would take more than

1099
00:49:58,699 --> 00:50:03,559
eight and a half years

1100
00:50:00,710 --> 00:50:05,329
earth time so those scientists were

1101
00:50:03,559 --> 00:50:07,940
inclined to think the universe may

1102
00:50:05,329 --> 00:50:10,489
abound in intelligent life tend to

1103
00:50:07,940 --> 00:50:12,170
believe that God's quarantine as some of

1104
00:50:10,489 --> 00:50:14,929
them called the distance which separates

1105
00:50:12,170 --> 00:50:17,680
us will make radio signals the ultimate

1106
00:50:14,929 --> 00:50:20,838
form of communication not spaceships

1107
00:50:17,679 --> 00:50:23,000
great electronic ears of an abled man to

1108
00:50:20,838 --> 00:50:24,799
listen for electromagnetic signals from

1109
00:50:23,000 --> 00:50:27,940
the farthest objects in the universe

1110
00:50:24,800 --> 00:50:30,859
that have so far been detected this one

1111
00:50:27,940 --> 00:50:33,320
1,000 feet in diameter in Arecibo in

1112

00:50:30,858 --> 00:50:34,940
Puerto Rico is operated by Cornell

1113
00:50:33,320 --> 00:50:37,490
University for the Advanced Research

1114
00:50:34,940 --> 00:50:39,380
Projects Agency and is engaged in a

1115
00:50:37,489 --> 00:50:42,139
number of deep-space and Planetary

1116
00:50:39,380 --> 00:50:45,108
projects if we are not alone in the

1117
00:50:42,139 --> 00:50:47,358
universe instruments like this pursuing

1118
00:50:45,108 --> 00:50:50,079
carefully programmed listening exercises

1119
00:50:47,358 --> 00:50:52,369
may one day bring us a fateful message

1120
00:50:50,079 --> 00:50:54,380
the astronomers have long been the

1121
00:50:52,369 --> 00:50:56,838
leading theorists on the possibility of

1122
00:50:54,380 --> 00:50:58,880
life in outer space astronomer Carl

1123
00:50:56,838 --> 00:51:01,820
Sagan is consultant to a current

1124
00:50:58,880 --> 00:51:04,099
airforce scientific panel astronomer

1125
00:51:01,820 --> 00:51:07,550
Thornton Paige was on a CI a committee

1126
00:51:04,099 --> 00:51:12,200

that investigated UFO reports in 1950 to

1127

00:51:07,550 --> 00:51:16,000

its conclusion no evidence of UFOs our

1128

00:51:12,199 --> 00:51:19,598

panel was expected to be and I think was

1129

00:51:16,000 --> 00:51:22,309

objective in its approach and tried to

1130

00:51:19,599 --> 00:51:25,760

evaluate all the reports without saying

1131

00:51:22,309 --> 00:51:28,099

they're ridiculous in advance that has

1132

00:51:25,760 --> 00:51:31,700

been repeated quite recently and that is

1133

00:51:28,099 --> 00:51:34,309

a good reason for talking with Carl

1134

00:51:31,699 --> 00:51:36,019

Sagan here because he's in the same

1135

00:51:34,309 --> 00:51:39,920

position that I was being the only

1136

00:51:36,019 --> 00:51:42,800

astronomer in a similar panel there's

1137

00:51:39,920 --> 00:51:46,659

not a single verified or checked out

1138

00:51:42,800 --> 00:51:48,410

report which is it all connectible with

1139

00:51:46,659 --> 00:51:51,108

with the possibility of extraterrestrial

1140

00:51:48,409 --> 00:51:53,420

life it doesn't say that I think I

1141
00:51:51,108 --> 00:51:56,029
suggest your life is impossible quite

1142
00:51:53,420 --> 00:51:58,099
the contrary I think that many of the

1143
00:51:56,030 --> 00:52:00,050
stars in the sky have planetary systems

1144
00:51:58,099 --> 00:52:02,838
we know enough now about the origin of

1145
00:52:00,050 --> 00:52:06,769
life to make it appear likely that life

1146
00:52:02,838 --> 00:52:09,380
arises naturally on the vast bulk of

1147
00:52:06,769 --> 00:52:10,739
these planets it's possible but by no

1148
00:52:09,380 --> 00:52:13,470
means certain that life

1149
00:52:10,739 --> 00:52:17,009
on many of these planets evolves into

1150
00:52:13,469 --> 00:52:19,709
beings which are as advanced as we were

1151
00:52:17,010 --> 00:52:20,910
more advanced and I don't see any reason

1152
00:52:19,710 --> 00:52:22,740
why we can't imagine that there are

1153
00:52:20,909 --> 00:52:24,960
civilizations thousands or millions of

1154
00:52:22,739 --> 00:52:27,059
years in advance of ourselves capable of

1155
00:52:24,960 --> 00:52:29,159
technical feats that we here we can

1156
00:52:27,059 --> 00:52:32,820
hardly imagine if you would believe as

1157
00:52:29,159 --> 00:52:36,239
the Flying Saucer cultists would have us

1158
00:52:32,820 --> 00:52:37,410
believe that the the majority of the

1159
00:52:36,239 --> 00:52:39,029
saucer reports are due to their

1160
00:52:37,409 --> 00:52:41,519
visitations they have a very strange

1161
00:52:39,030 --> 00:52:42,540
situation that means several spaceships

1162
00:52:41,519 --> 00:52:44,789
are coming to the earth over

1163
00:52:42,539 --> 00:52:46,588
interstellar distances everyday as if

1164
00:52:44,789 --> 00:52:49,469
all the anthropologists in the world

1165
00:52:46,588 --> 00:52:50,960
would converge on one of the the Andaman

1166
00:52:49,469 --> 00:52:53,459
Islands in the Indian Ocean

1167
00:52:50,960 --> 00:52:56,400
because they just invented the fishnet

1168
00:52:53,460 --> 00:52:58,889
there or something I think it's a much

1169

00:52:56,400 --> 00:53:00,599
more reasonable fewer if you want to

1170
00:52:58,889 --> 00:53:03,480
speculate on the possibility of

1171
00:53:00,599 --> 00:53:05,820
extraterrestrial intelligence that there

1172
00:53:03,480 --> 00:53:07,260
are very rare visits from

1173
00:53:05,820 --> 00:53:09,088
extraterrestrials to the earth there's

1174
00:53:07,260 --> 00:53:11,280
no evidence for this I just say that's

1175
00:53:09,088 --> 00:53:13,920
not implausible but have several visits

1176
00:53:11,280 --> 00:53:18,359
a day I think is straining credulity I

1177
00:53:13,920 --> 00:53:20,849
think a key to what's behind the real

1178
00:53:18,358 --> 00:53:22,980
belief in flying saucers is most easily

1179
00:53:20,849 --> 00:53:24,990
obtained if you look at the contact

1180
00:53:22,980 --> 00:53:26,760
myths there are several hundred people

1181
00:53:24,989 --> 00:53:29,429
in the United States who claim to have

1182
00:53:26,760 --> 00:53:31,050
had personal contact with the

1183
00:53:29,429 --> 00:53:33,539

inhabitants of flying saucers who have

1184

00:53:31,050 --> 00:53:35,820

landed and if you examine these myths

1185

00:53:33,539 --> 00:53:39,000

you find that there's some peculiar

1186

00:53:35,820 --> 00:53:41,580

regularities the inhabitants of saucers

1187

00:53:39,000 --> 00:53:44,010

are benevolent I mean they're really

1188

00:53:41,579 --> 00:53:46,219

concerned for our well-being there are

1189

00:53:44,010 --> 00:53:48,950

on nipa Tintin stream Lee powerful

1190

00:53:46,219 --> 00:53:51,449

omniscient extremely knowledgeable and

1191

00:53:48,949 --> 00:53:53,489

they often wear a long white robes

1192

00:53:51,449 --> 00:53:55,079

now this combination is something I've

1193

00:53:53,489 --> 00:53:58,348

heard in another context this isn't a

1194

00:53:55,079 --> 00:54:00,750

science this is religion uh and what I

1195

00:53:58,349 --> 00:54:04,800

suspect is happening is this we live in

1196

00:54:00,750 --> 00:54:07,309

a in very unsettled times it used to be

1197

00:54:04,800 --> 00:54:10,769

possible to believe in a personal

1198
00:54:07,309 --> 00:54:12,869
benevolent powerful all-knowing God who

1199
00:54:10,769 --> 00:54:15,480
cared about individuals who you could

1200
00:54:12,869 --> 00:54:18,210
pray to but now there's very few people

1201
00:54:15,480 --> 00:54:21,420
who really believe that I think

1202
00:54:18,210 --> 00:54:23,250
our science for good or for ill has

1203
00:54:21,420 --> 00:54:26,789
destroyed a lot of the traditional

1204
00:54:23,250 --> 00:54:28,170
theologies and yet people have the same

1205
00:54:26,789 --> 00:54:29,820
needs to believe that they always did

1206
00:54:28,170 --> 00:54:30,240
perhaps more so because the times we

1207
00:54:29,820 --> 00:54:32,940
live in

1208
00:54:30,239 --> 00:54:35,819
well the Flying Saucer myths are a

1209
00:54:32,940 --> 00:54:38,039
really clever compromise it's a way of

1210
00:54:35,820 --> 00:54:42,030
having beings that come from the sky

1211
00:54:38,039 --> 00:54:43,349
that the word about us powerful that are

1212
00:54:42,030 --> 00:54:45,450
gonna step in and prevent us from

1213
00:54:43,349 --> 00:54:48,960
destroying ourselves as we might very

1214
00:54:45,449 --> 00:54:50,848
well might and yet have it in the cloak

1215
00:54:48,960 --> 00:54:52,949
of science so that no one can say

1216
00:54:50,849 --> 00:54:56,970
nonsense that doesn't matter science

1217
00:54:52,949 --> 00:55:00,358
it's all very pseudo scientific I would

1218
00:54:56,969 --> 00:55:01,969
think that that at least for the contact

1219
00:55:00,358 --> 00:55:03,929
myths and probably for a lot of the

1220
00:55:01,969 --> 00:55:07,289
events of people who just see things

1221
00:55:03,929 --> 00:55:10,739
that understand flying overhead that

1222
00:55:07,289 --> 00:55:13,699
what's involved psychology and theology

1223
00:55:10,739 --> 00:55:16,769
and not so much the physical sciences

1224
00:55:13,699 --> 00:55:18,868
soul as we have seen scientists think

1225
00:55:16,769 --> 00:55:21,088
the evidence is mounting that life in

1226

00:55:18,869 --> 00:55:23,700
some form exists elsewhere in the

1227
00:55:21,088 --> 00:55:26,159
universe but almost unanimously they

1228
00:55:23,699 --> 00:55:29,250
find no evidence that anything out there

1229
00:55:26,159 --> 00:55:31,829
has come here one thing is clear

1230
00:55:29,250 --> 00:55:33,960
you could not keep a spaceship a secret

1231
00:55:31,829 --> 00:55:35,880
too many professionals with too many

1232
00:55:33,960 --> 00:55:38,730
powerful instruments are probing the

1233
00:55:35,880 --> 00:55:40,769
skies these days too many journalists

1234
00:55:38,730 --> 00:55:42,659
could not be restrained from trumpeting

1235
00:55:40,769 --> 00:55:46,230
one of the greatest news stories of all

1236
00:55:42,659 --> 00:55:48,569
time it also seems clear that since the

1237
00:55:46,230 --> 00:55:51,119
security of our world is involved in

1238
00:55:48,570 --> 00:55:53,789
converting all UFOs immediately into

1239
00:55:51,119 --> 00:55:55,800
IFOS perhaps these phenomena are

1240
00:55:53,789 --> 00:55:57,869

properly the responsibility of

1241

00:55:55,800 --> 00:55:59,940
scientists and the military with

1242

00:55:57,869 --> 00:56:02,760
periodic reports to the public on what

1243

00:55:59,940 --> 00:56:05,070
they have found if anything the rest of

1244

00:56:02,760 --> 00:56:08,130
us can emulate the scientists by keeping

1245

00:56:05,070 --> 00:56:10,760
an open mind since yesterday's fantasy

1246

00:56:08,130 --> 00:56:14,280
sometimes turns into tomorrow's reality

1247

00:56:10,760 --> 00:56:17,580
we might remember too that while fantasy

1248

00:56:14,280 --> 00:56:20,910
improves science fiction science is more

1249

00:56:17,579 --> 00:56:23,230
often served by facts mr. Walter

1250

00:56:20,909 --> 00:56:25,529
Cronkite for CBS reports

1251

00:56:23,230 --> 00:56:25,530
goodnight